

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137672.D
 Acq On : 21 Mar 2024 20:55
 Operator : CG\JU
 Sample : P1816-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-032024

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.328	548	551	569	rBV	238271	359564	7.07%	1.118%
2	6.363	724	727	734	rBV	227287	309189	6.08%	0.961%
3	6.563	756	761	766	rVB2	107239	136933	2.69%	0.426%
4	6.722	785	788	796	rBV	804669	820041	16.13%	2.549%
5	7.004	829	836	838	rBV4	64426	75945	1.49%	0.236%
6	7.116	852	855	859	rBV2	94575	90913	1.79%	0.283%
7	7.263	875	880	882	rBV	73181	91148	1.79%	0.283%
8	7.292	882	885	888	rVV	157613	186009	3.66%	0.578%
9	7.322	888	890	894	rVV	326575	283567	5.58%	0.881%
10	7.375	894	899	902	rVB6	58469	84889	1.67%	0.264%
11	7.528	922	925	929	rVB2	131852	133742	2.63%	0.416%
12	7.628	936	942	943	rBV4	66554	96269	1.89%	0.299%
13	7.692	949	953	956	rVB3	89784	107994	2.12%	0.336%
14	7.728	956	959	960	rBV2	85653	69327	1.36%	0.216%
15	7.757	963	964	970	rVB3	80140	101604	2.00%	0.316%
16	7.845	977	979	982	rVB	93216	68166	1.34%	0.212%
17	7.969	993	1000	1001	rBV3	64069	108148	2.13%	0.336%
18	8.004	1001	1006	1010	rBV2	1099011	1419626	27.93%	4.413%
19	8.069	1016	1017	1020	rVB	185921	112243	2.21%	0.349%
20	8.098	1020	1022	1025	rVV2	69251	60645	1.19%	0.189%
21	8.181	1029	1036	1038	rBV5	46669	87730	1.73%	0.273%
22	8.204	1038	1040	1043	rVB2	102434	90632	1.78%	0.282%
23	8.298	1052	1056	1063	rVB5	130217	240655	4.73%	0.748%
24	8.357	1063	1066	1069	rBV3	92349	98958	1.95%	0.308%
25	8.386	1069	1071	1074	rBV3	150734	136993	2.70%	0.426%
26	8.428	1074	1078	1080	rBV2	195509	171818	3.38%	0.534%
27	8.510	1089	1092	1095	rBV2	193558	165945	3.26%	0.516%
28	8.598	1104	1107	1111	rBV	588737	540454	10.63%	1.680%
29	8.663	1116	1118	1121	rVV3	106820	121012	2.38%	0.376%
30	8.698	1121	1124	1126	rVB3	103817	97540	1.92%	0.303%
31	8.722	1126	1128	1131	rBV	79914	62172	1.22%	0.193%
32	8.828	1142	1146	1148	rBV2	153464	165960	3.27%	0.516%
33	8.880	1153	1155	1157	rBV2	90893	77526	1.53%	0.241%
34	8.963	1165	1169	1172	rVB4	115927	146340	2.88%	0.455%
35	9.004	1174	1176	1178	rBV2	79580	60591	1.19%	0.188%
36	9.028	1178	1180	1182	rBV	162301	115992	2.28%	0.361%

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-032024

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.080	1187	1189	1193	rBV	507822	413811	8.14%	1.286%
38	9.163	1200	1203	1208	rBV	616484	568684	11.19%	1.768%
39	9.233	1212	1215	1218	rVB3	77195	81454	1.60%	0.253%
40	9.351	1233	1235	1240	rVB5	70151	66780	1.31%	0.208%
41	9.422	1244	1247	1249	rVV	137952	157301	3.09%	0.489%
42	9.439	1249	1250	1253	rVV2	109092	94127	1.85%	0.293%
43	9.486	1253	1258	1260	rVV3	220181	293971	5.78%	0.914%
44	9.504	1260	1261	1264	rVV2	133747	112732	2.22%	0.350%
45	9.539	1264	1267	1270	rVB2	115791	115593	2.27%	0.359%
46	9.622	1278	1281	1286	rBV3	61060	81230	1.60%	0.253%
47	9.669	1286	1289	1291	rBV2	46191	52553	1.03%	0.163%
48	9.692	1291	1293	1297	rVB	636545	467455	9.20%	1.453%
49	9.733	1297	1300	1301	rBV2	62181	57607	1.13%	0.179%
50	9.757	1301	1304	1307	rVV	1290504	1017556	20.02%	3.163%
51	9.792	1307	1310	1313	rVB2	74476	74637	1.47%	0.232%
52	9.922	1328	1332	1335	rBV4	72236	117314	2.31%	0.365%
53	10.016	1344	1348	1352	rBV3	126850	159162	3.13%	0.495%
54	10.075	1356	1358	1362	rBV4	40910	59827	1.18%	0.186%
55	10.192	1375	1378	1381	rBV	601862	441372	8.68%	1.372%
56	10.245	1385	1387	1393	rVB5	51089	64591	1.27%	0.201%
57	10.304	1394	1397	1403	rBV	106140	148740	2.93%	0.462%
58	10.410	1410	1415	1421	rVB	186271	239533	4.71%	0.745%
59	10.463	1421	1424	1427	rVB3	72301	72252	1.42%	0.225%
60	10.498	1427	1430	1432	rBV2	64684	67302	1.32%	0.209%
61	10.527	1432	1435	1436	rBV	71353	54768	1.08%	0.170%
62	10.545	1436	1438	1441	rVB	161270	132598	2.61%	0.412%
63	10.663	1455	1458	1467	rVB	552883	602851	11.86%	1.874%
64	10.857	1488	1491	1492	rBV2	54170	51191	1.01%	0.159%
65	11.110	1531	1534	1537	rBV	396676	337850	6.65%	1.050%
66	11.139	1537	1539	1545	rVB	210890	216987	4.27%	0.675%
67	11.239	1553	1556	1558	rBV	1107943	948770	18.67%	2.949%
68	11.263	1558	1560	1567	rVV	624370	615278	12.11%	1.913%
69	11.322	1567	1570	1573	rVB	111800	120512	2.37%	0.375%
70	11.486	1595	1598	1604	rVB2	52823	59202	1.16%	0.184%
71	11.539	1604	1607	1609	rBV	347351	275851	5.43%	0.857%
72	11.574	1609	1613	1621	rVB2	32859	66276	1.30%	0.206%
73	11.639	1621	1624	1630	rVB	1761343	1355259	26.66%	4.213%
74	11.745	1639	1642	1644	rBV	93924	89667	1.76%	0.279%
75	11.774	1644	1647	1650	rBV	114323	101759	2.00%	0.316%
76	11.851	1657	1660	1663	rBV	153711	150153	2.95%	0.467%

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-032024

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.945	1673	1676	1680	rBV	314180	246748	4.85%	0.767%
78	12.039	1689	1692	1695	rBV2	66485	73266	1.44%	0.228%
79	12.221	1720	1723	1726	rBV2	56341	73632	1.45%	0.229%
80	12.292	1732	1735	1737	rBV	112786	103693	2.04%	0.322%
81	12.327	1737	1741	1743	rVV	5096087	5082591	100.00%	15.799%
82	12.351	1743	1745	1752	rVB	3671878	3199832	62.96%	9.947%
83	12.433	1756	1759	1760	rBV	737309	605118	11.91%	1.881%
84	12.451	1760	1762	1765	rVB	713247	568610	11.19%	1.768%
85	12.604	1786	1788	1791	rBV	54856	55832	1.10%	0.174%
86	12.680	1796	1801	1803	rBV	738777	726870	14.30%	2.259%
87	12.704	1803	1805	1808	rVB	259975	209970	4.13%	0.653%
88	12.827	1822	1826	1834	rVB	511517	562935	11.08%	1.750%
89	13.010	1855	1857	1862	rVB	137585	125605	2.47%	0.390%
90	13.063	1863	1866	1867	rBV2	196323	181604	3.57%	0.565%
91	13.110	1872	1874	1879	rVB2	90065	107242	2.11%	0.333%
92	13.233	1893	1895	1898	rBV	60925	55243	1.09%	0.172%
93	13.263	1898	1900	1905	rVB6	79125	88152	1.73%	0.274%
94	13.404	1921	1924	1927	rBV	155438	142778	2.81%	0.444%
95	13.733	1977	1980	1983	rBV2	134327	126261	2.48%	0.392%
96	13.874	2000	2004	2007	rBV2	1030918	1202815	23.67%	3.739%
97	13.904	2007	2009	2016	rVB	249402	269619	5.30%	0.838%
98	14.357	2083	2086	2088	rBV2	112298	111687	2.20%	0.347%
99	14.898	2175	2178	2185	rVB	172153	316727	6.23%	0.985%
100	15.304	2243	2247	2250	rBV	548146	631936	12.43%	1.964%

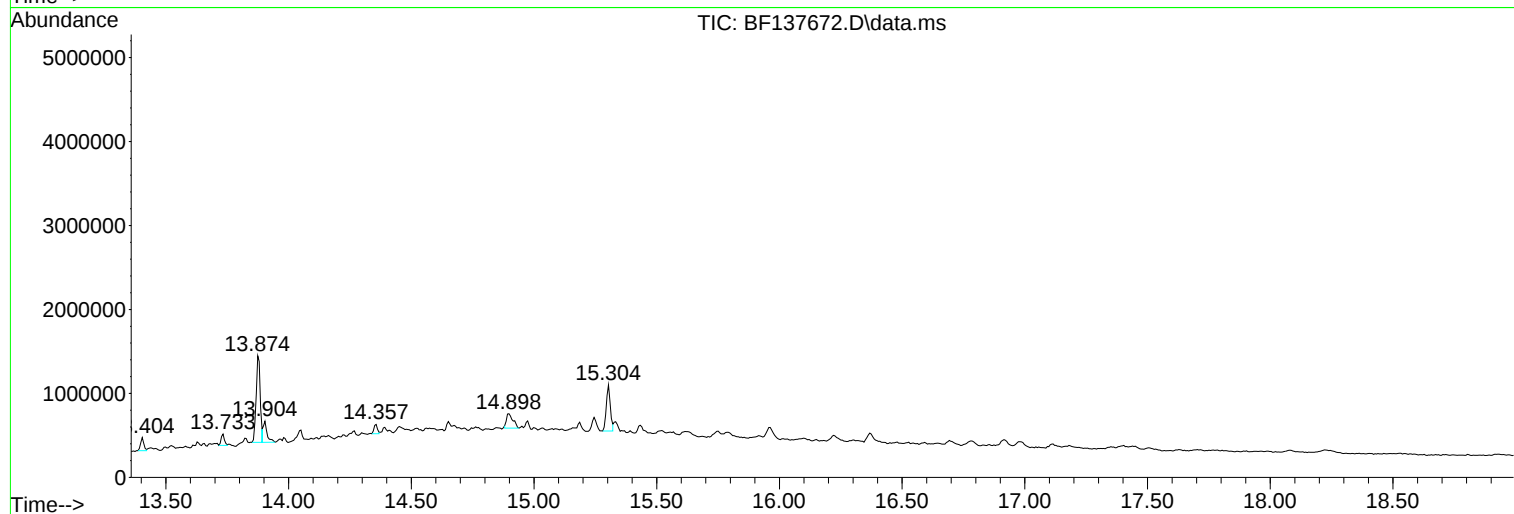
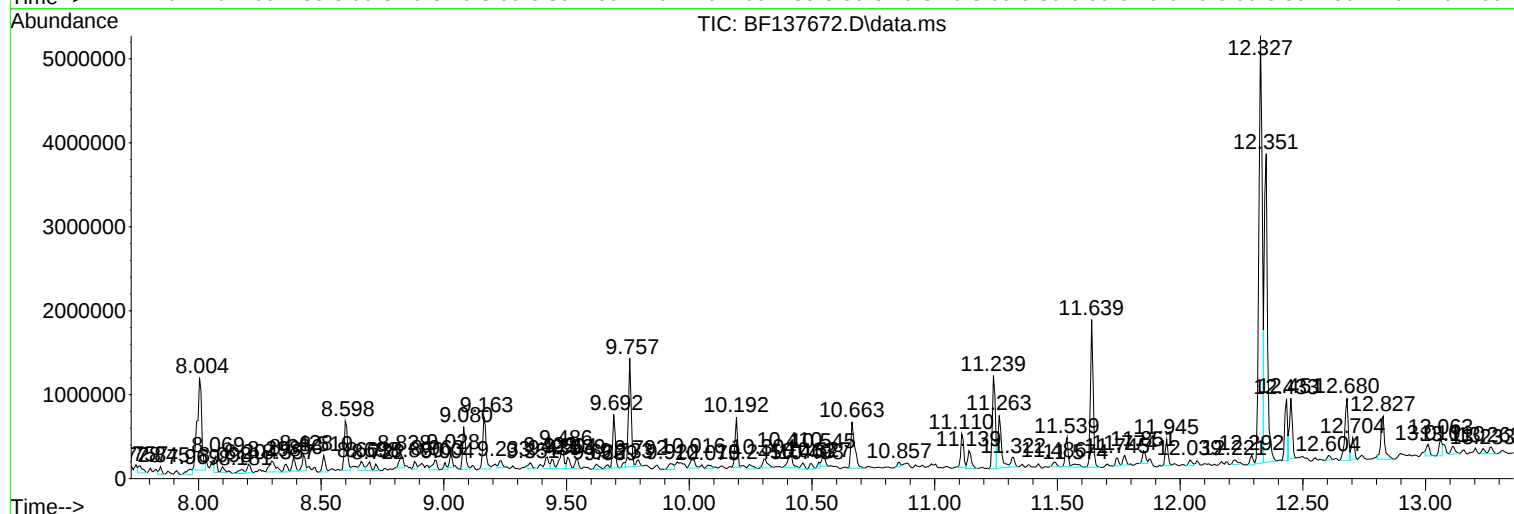
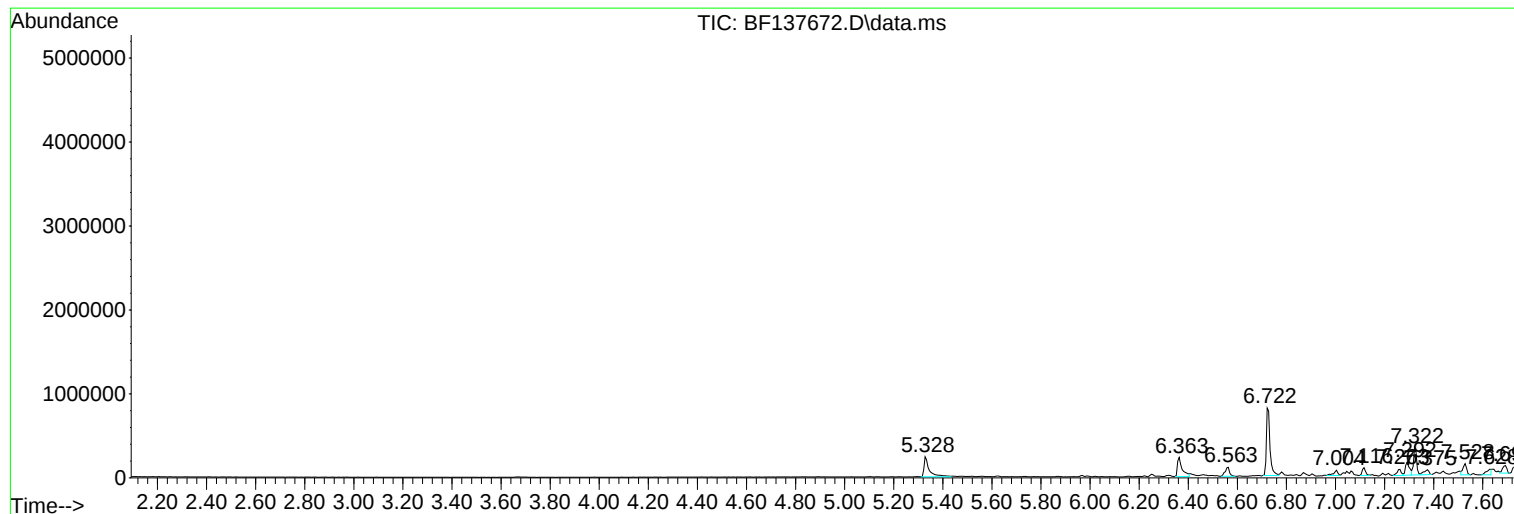
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-032024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
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Sample : P1816-01 5X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-032024

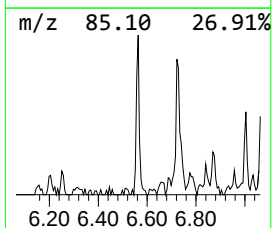
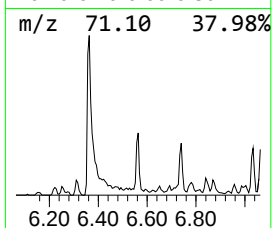
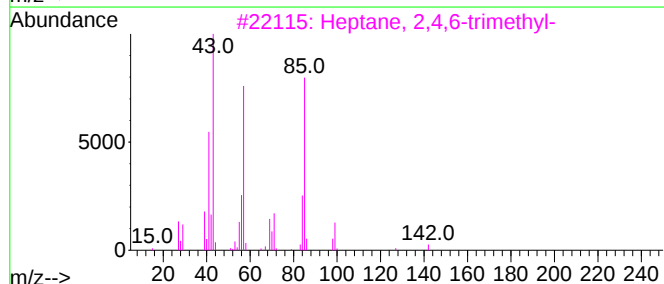
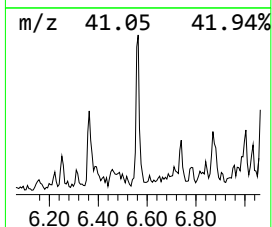
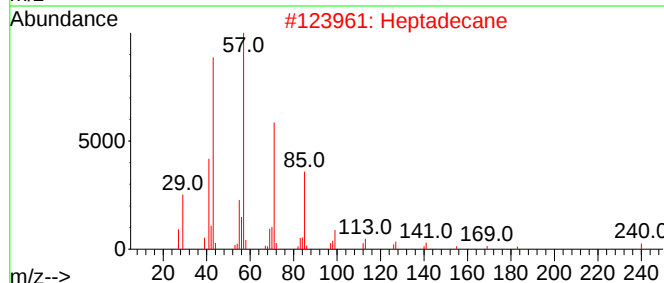
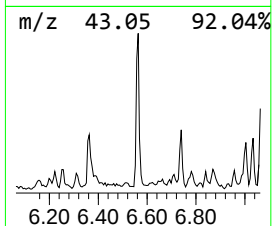
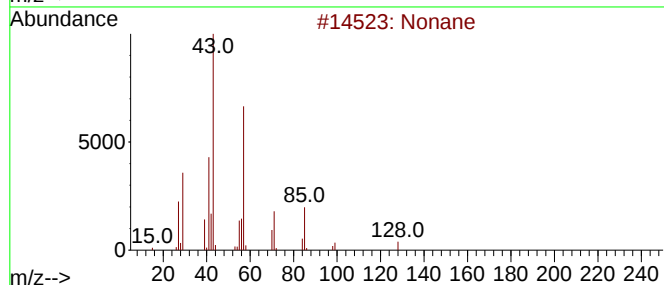
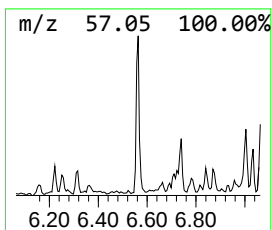
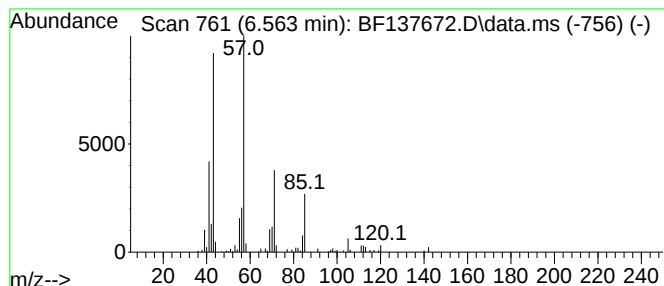
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Nonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	3.34 ng	136933	1,4-Dichlorobenzene-d4	6.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	78
2			Heptadecane	240	C17H36	000629-78-7	78
3			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	64
4			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	64
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64



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ALS Vial : 16 Sample Multiplier: 1

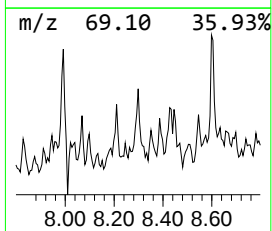
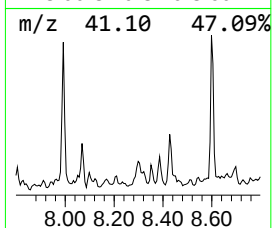
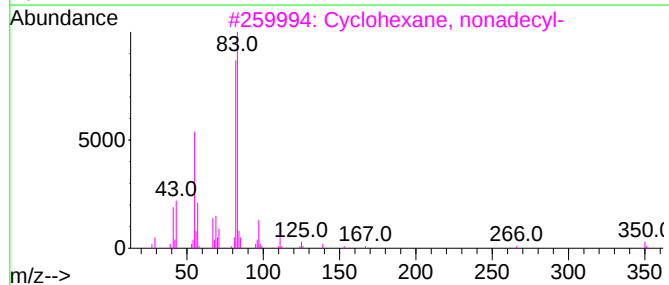
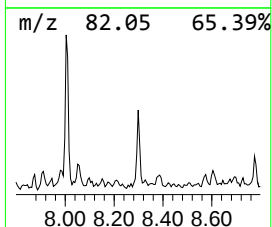
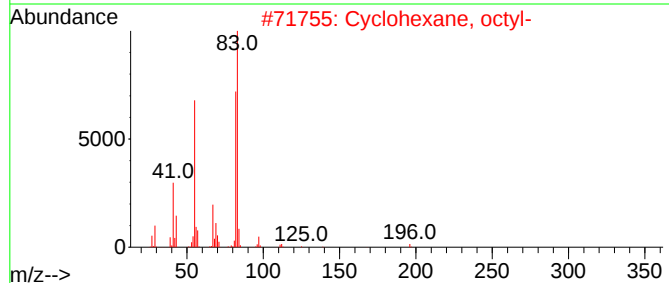
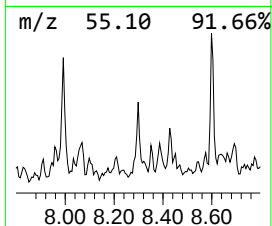
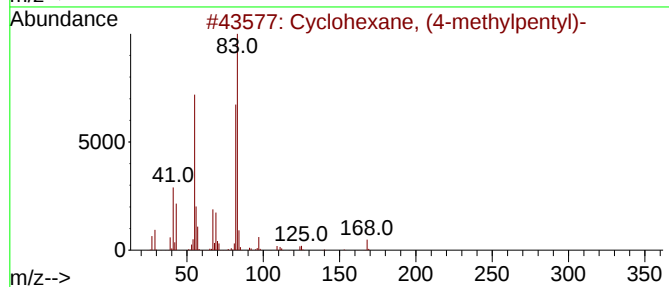
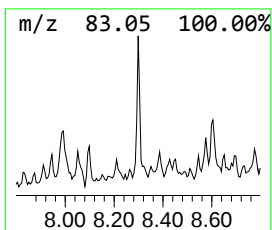
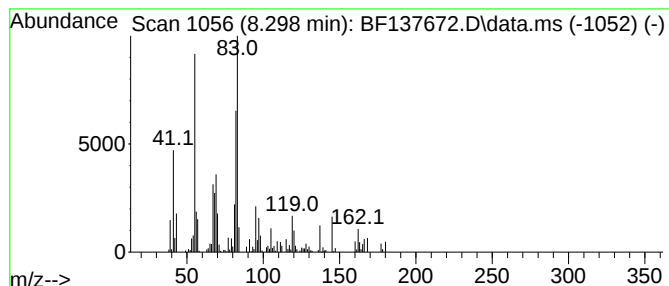
Instrument :
BNA_F
ClientSampleId :
PL-01-032024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, (4-methylpentyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.298	3.39 ng	240655	Naphthalene-d8	8.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
3	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	50
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	50



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Instrument :
BNA_F
ClientSampleId :
PL-01-032024

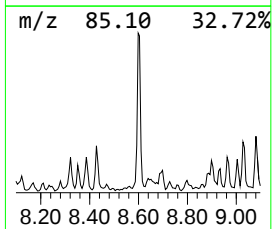
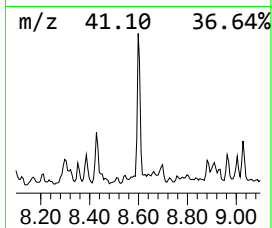
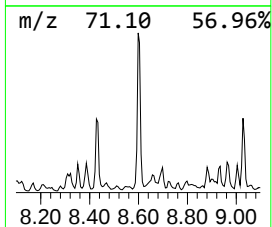
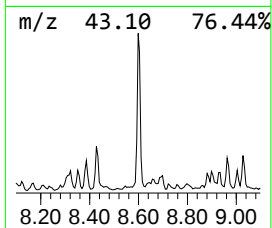
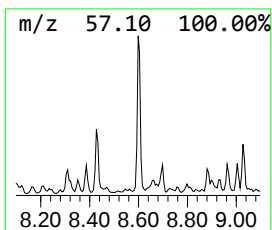
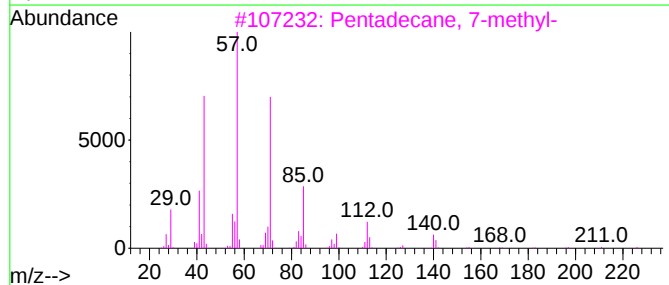
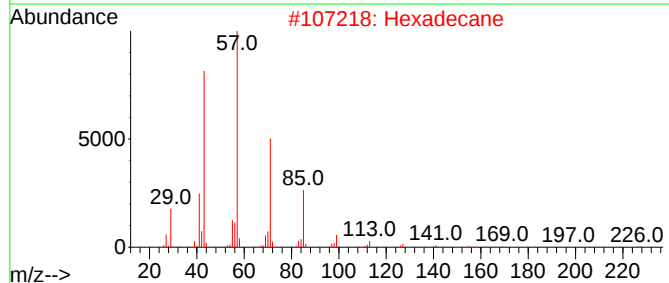
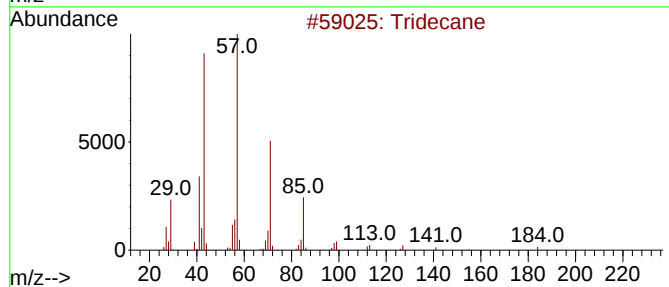
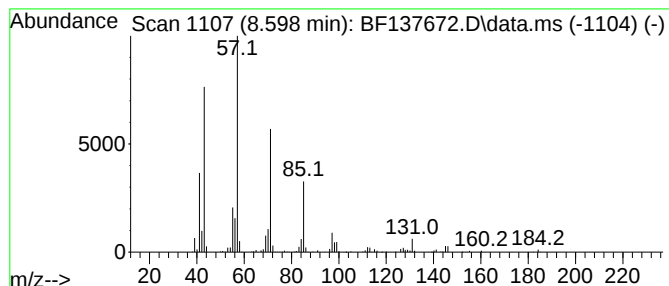
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	7.61 ng	540454	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	81
2			Hexadecane	226	C16H34	000544-76-3	80
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
4			Tetradecane	198	C14H30	000629-59-4	78
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-032024

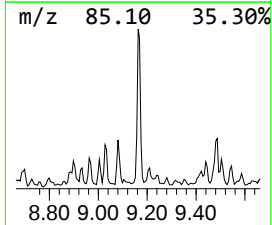
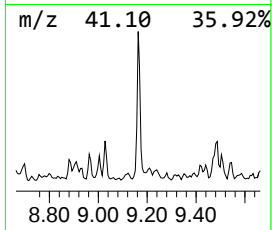
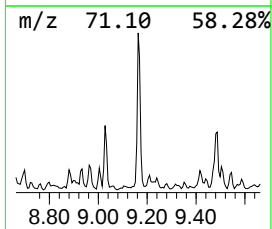
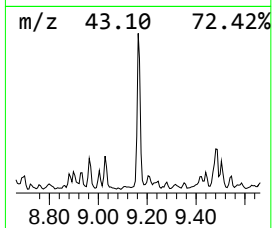
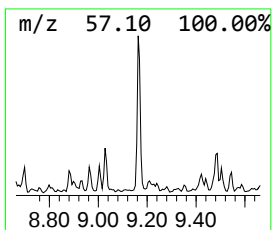
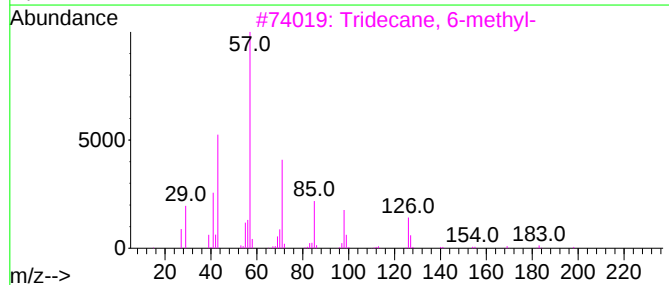
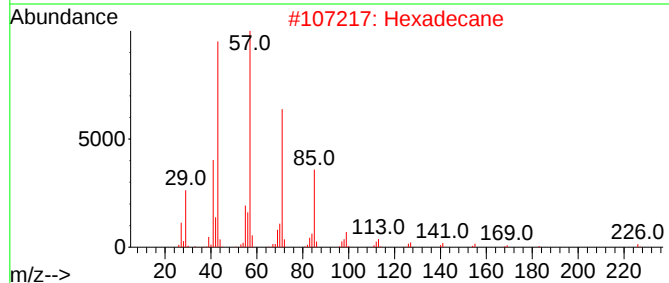
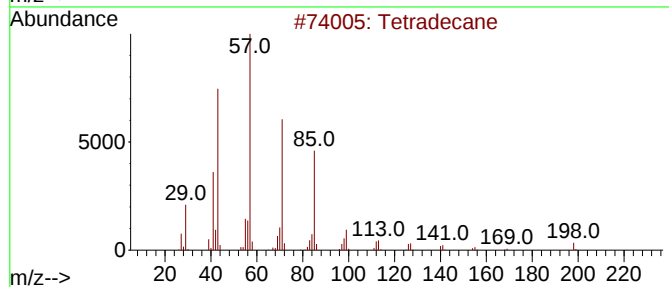
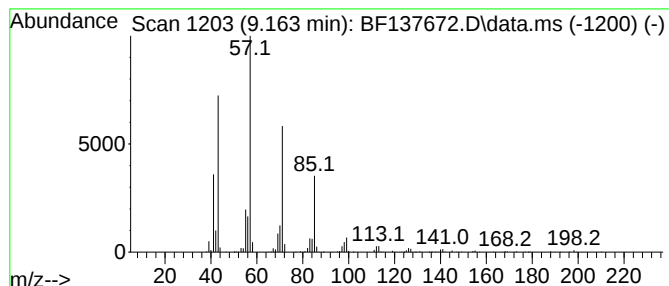
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	11.18 ng	568684	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	81
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-032024

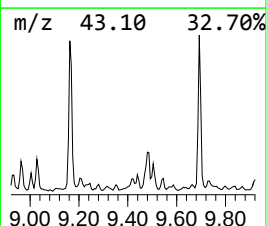
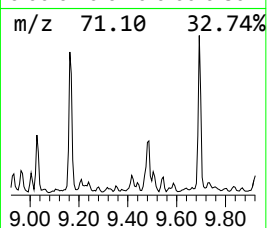
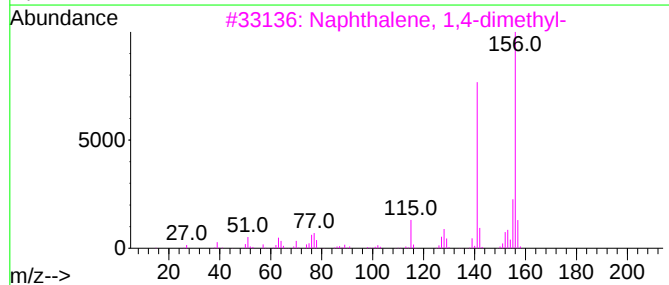
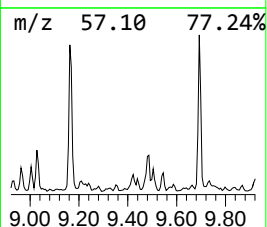
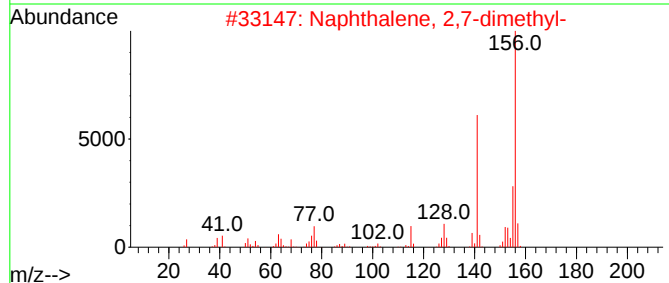
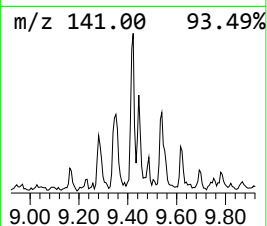
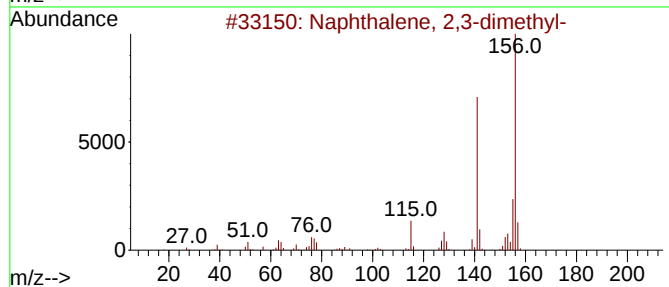
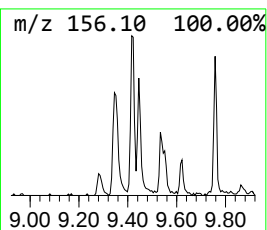
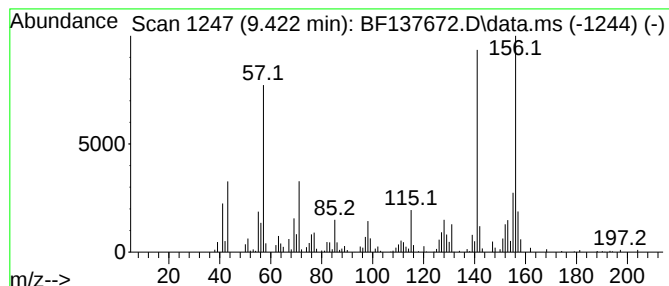
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	3.09 ng	157301	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
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Instrument :
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ClientSampleId :
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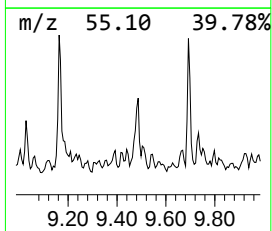
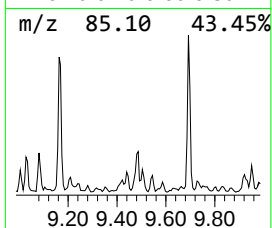
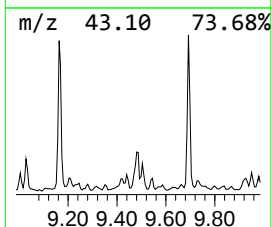
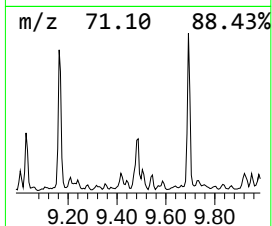
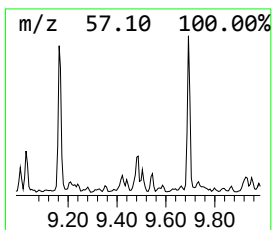
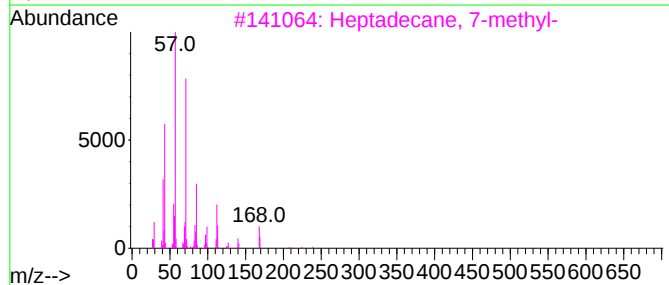
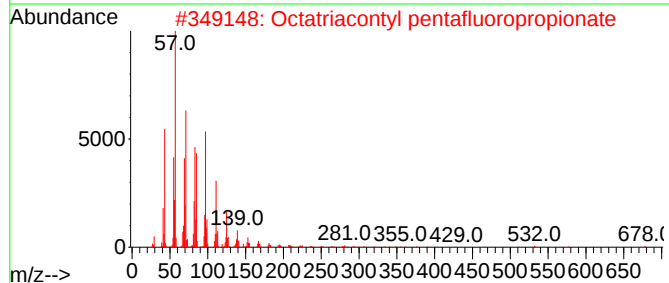
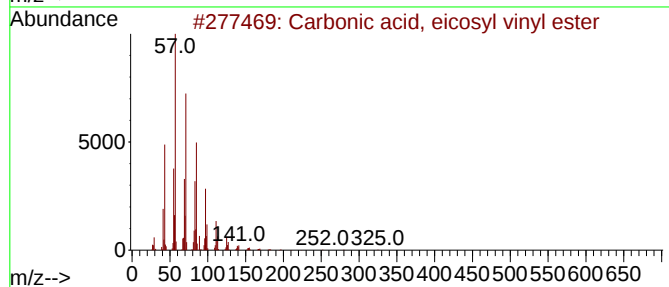
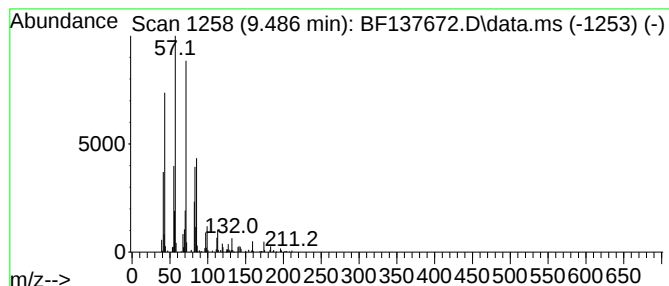
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Carbonic acid, eicosyl vinyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	5.78 ng	293971	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
2			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	64
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
4			Heptacosane	380	C27H56	000593-49-7	58
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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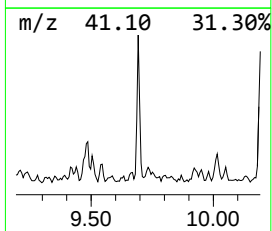
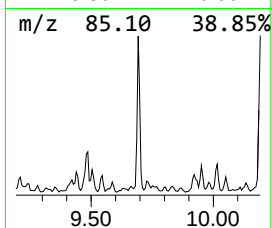
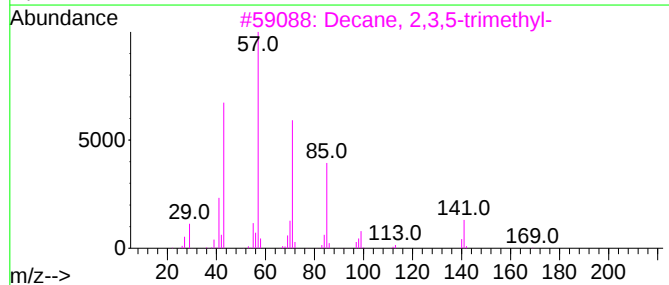
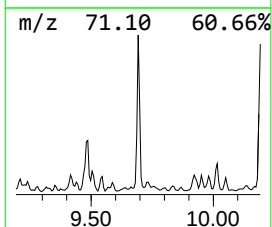
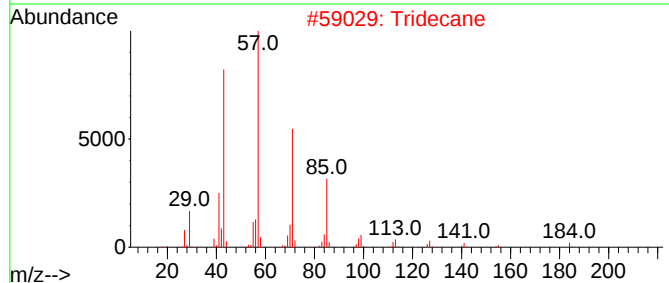
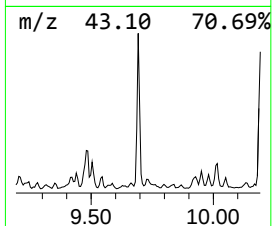
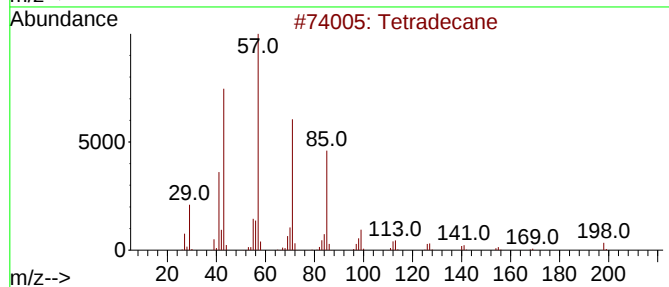
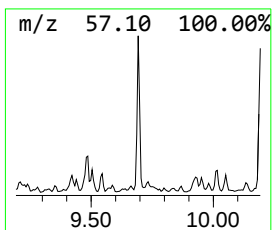
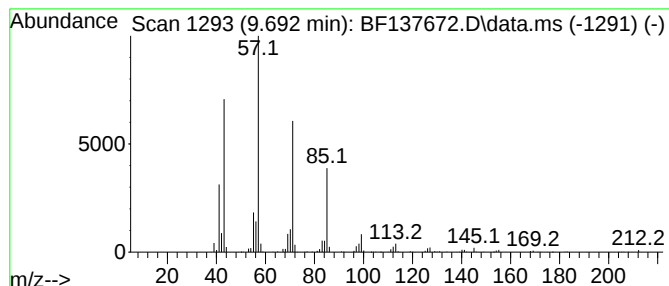
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane, 2,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	9.19 ng	467455	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Tridecane	184	C13H28	000629-50-5	83
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4			Hexadecane	226	C16H34	000544-76-3	80
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-032024

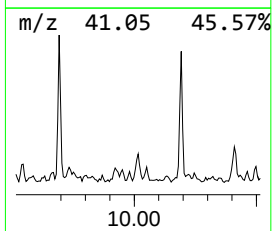
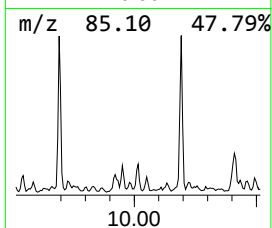
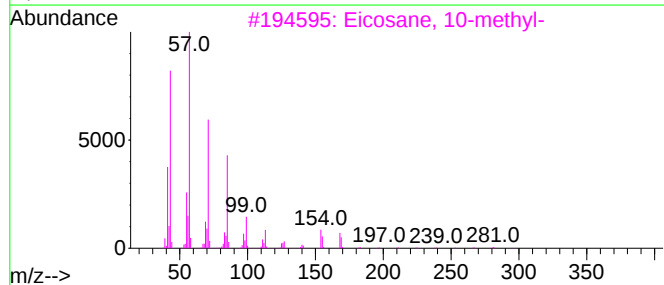
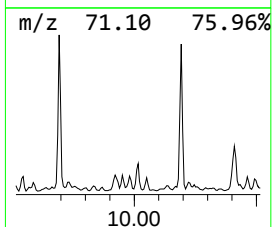
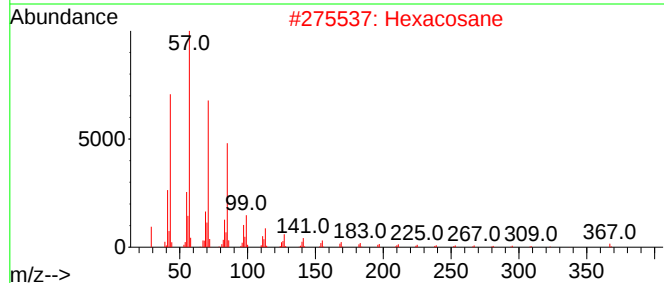
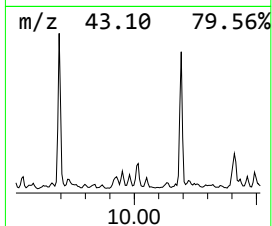
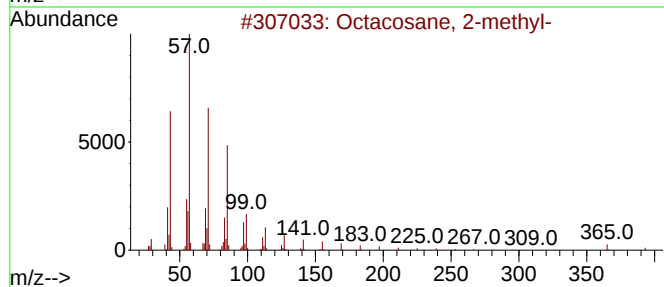
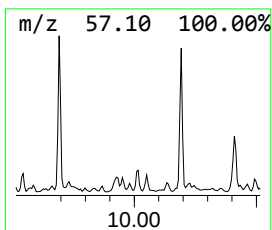
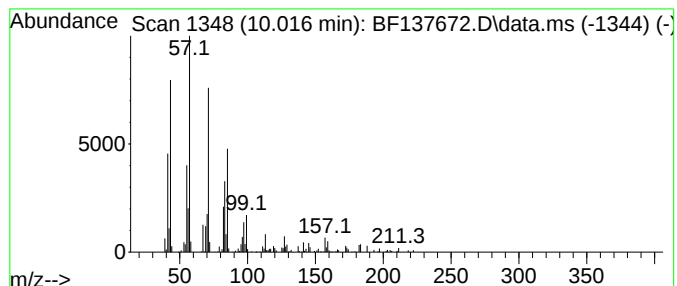
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octacosane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	3.13 ng	159162	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane, 2-methyl-	408	C29H60	001560-98-1	80
2			Hexacosane	366	C26H54	000630-01-3	80
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4			Heptacosane	380	C27H56	000593-49-7	72
5			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
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Misc :
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ClientSampleId :
PL-01-032024

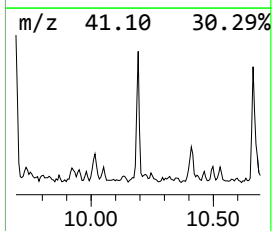
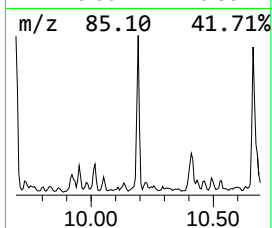
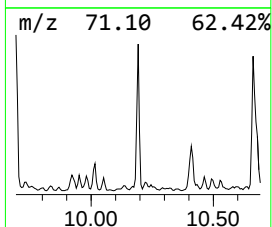
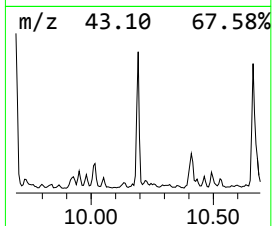
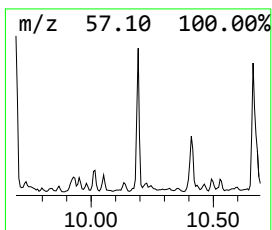
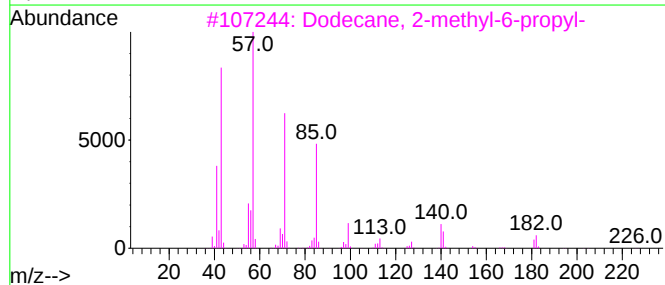
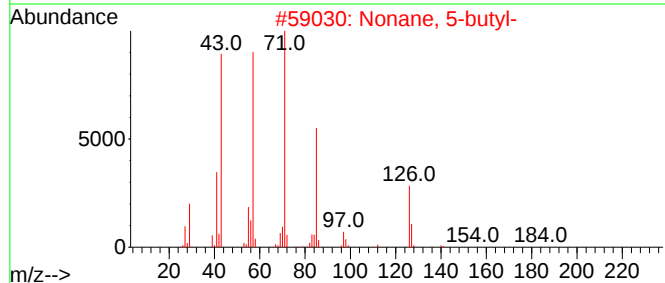
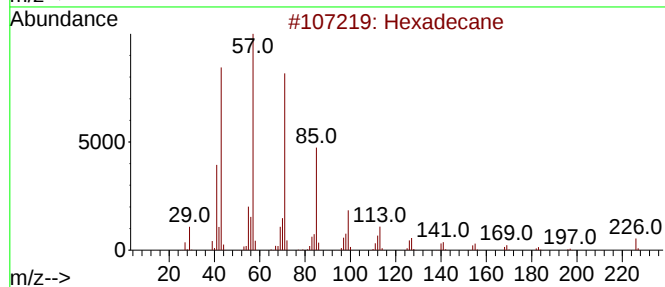
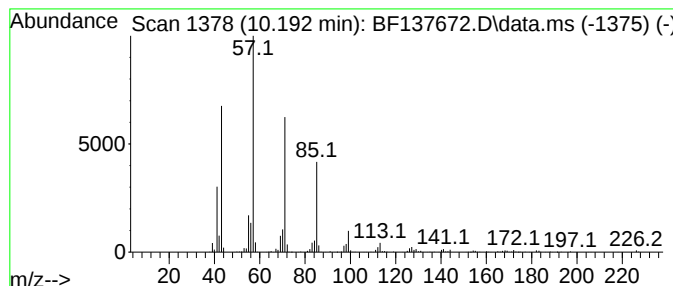
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	8.68 ng	441372	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	81
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	74
5			Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-032024

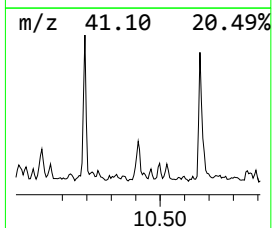
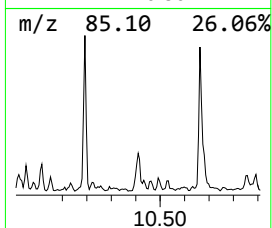
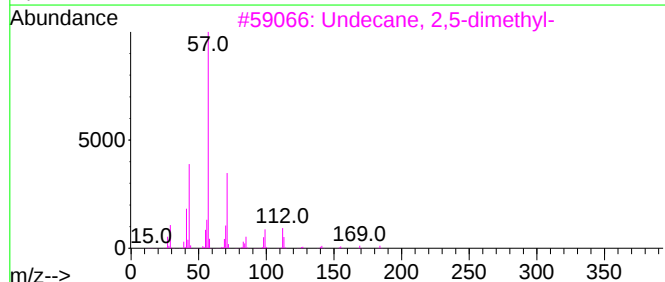
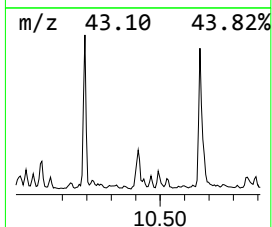
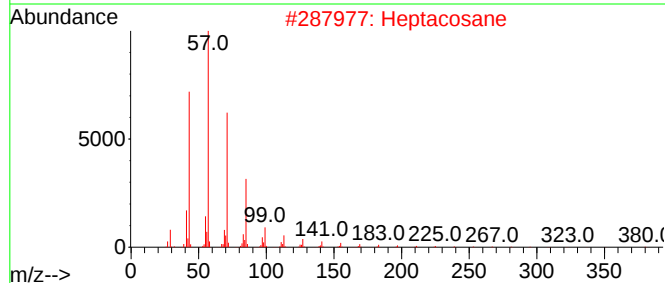
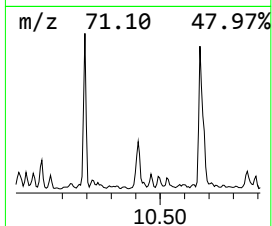
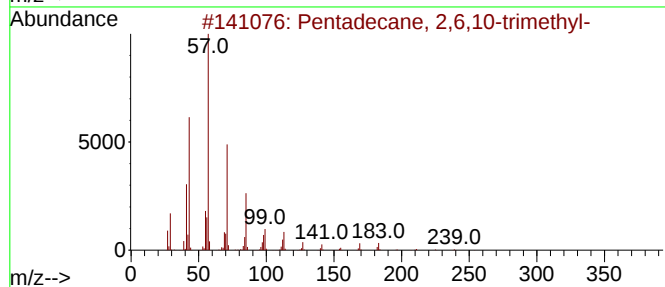
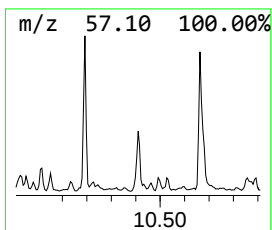
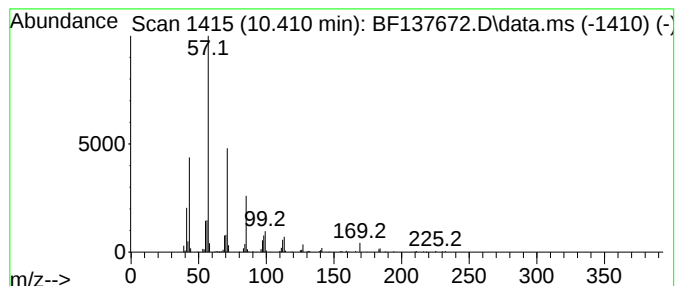
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	4.71 ng	239533	Acenaphthene-d10	9.757

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Heptacosane	380	C27H56	000593-49-7	87
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

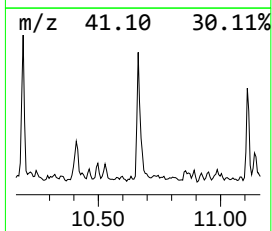
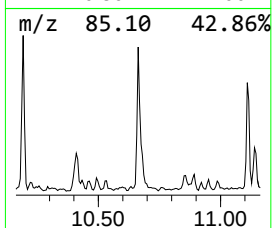
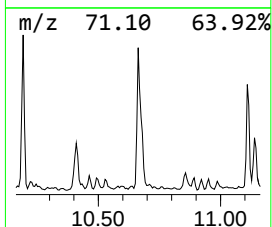
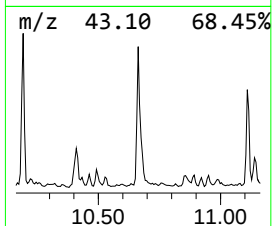
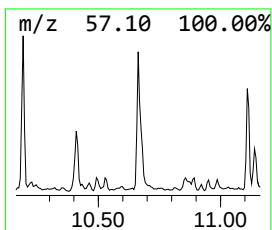
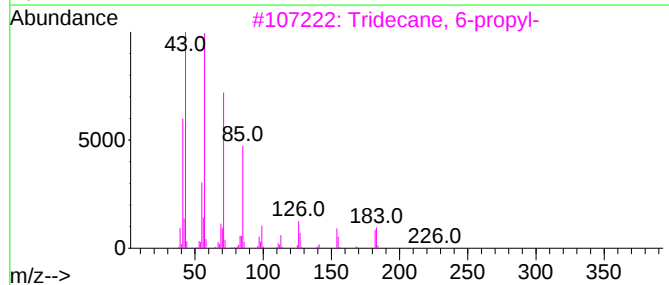
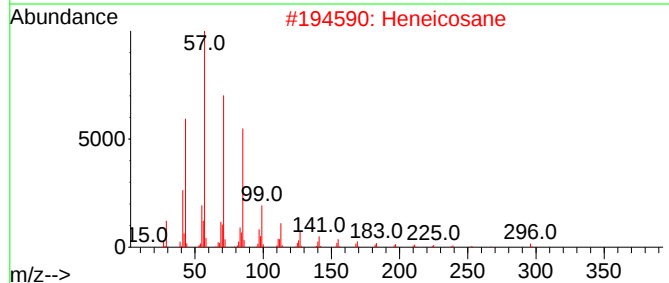
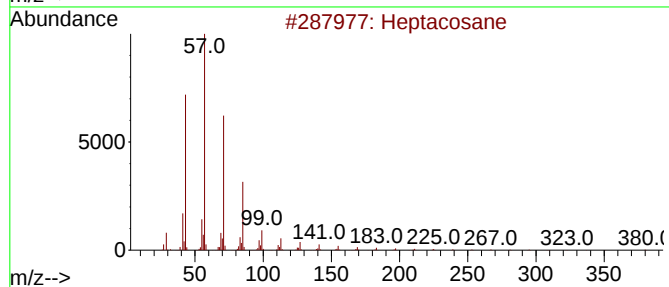
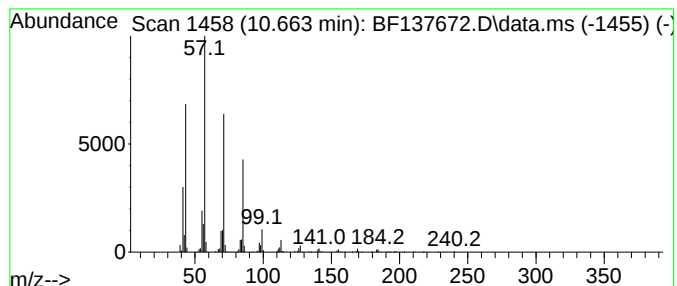
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.663	12.71 ng	602851	Phenanthrene-d10		11.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Tridecane, 6-propyl-		226	C16H34	055045-10-8	90
4	Nonadecane		268	C19H40	000629-92-5	87
5	Heptadecane		240	C17H36	000629-78-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-032024

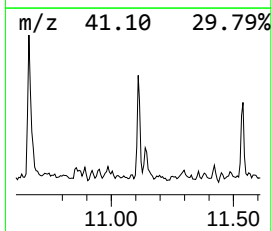
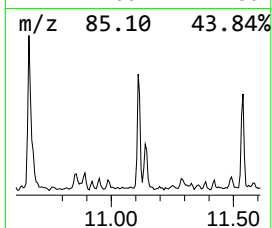
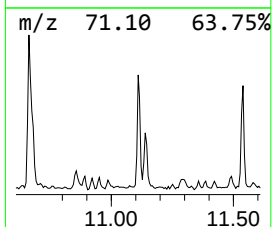
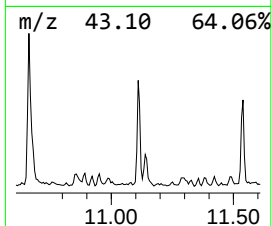
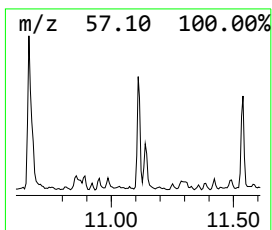
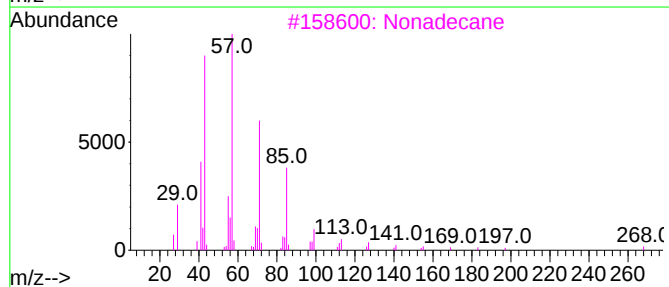
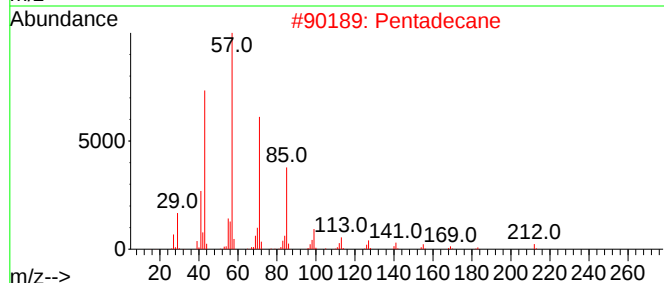
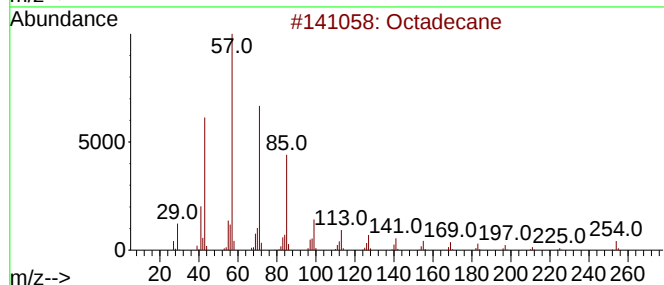
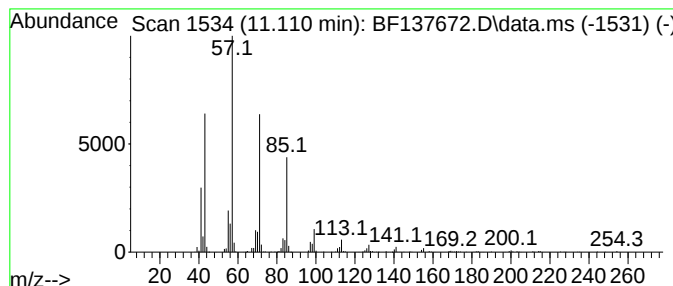
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	7.12 ng	337850	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	94
2		Pentadecane	212	C15H32	000629-62-9	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-032024

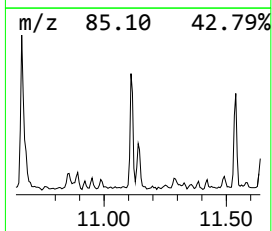
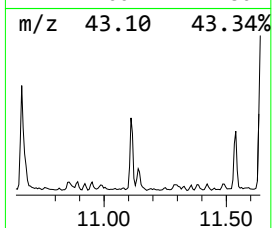
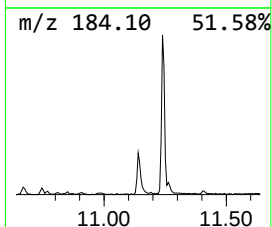
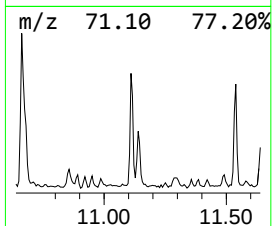
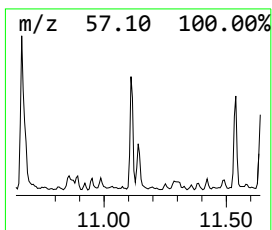
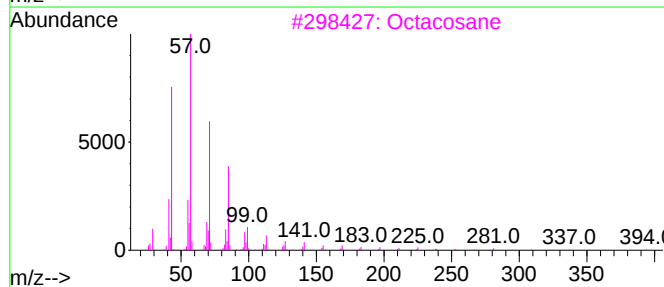
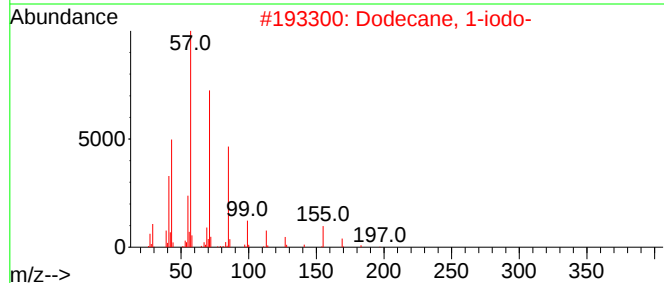
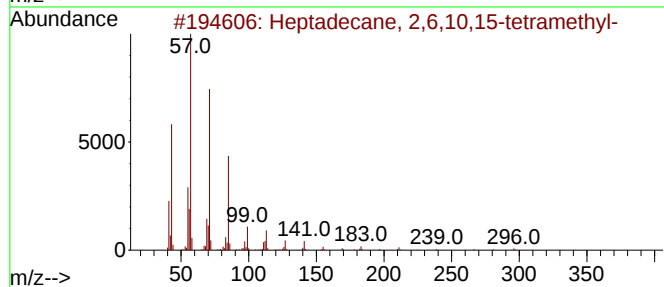
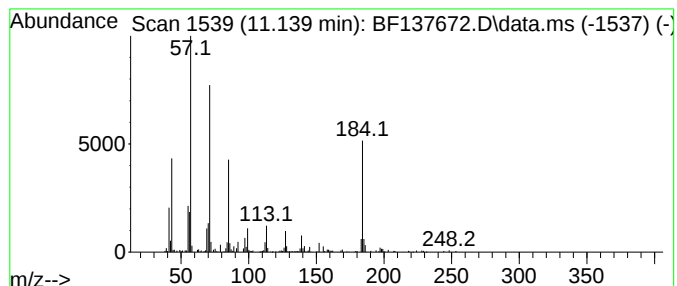
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	4.57 ng	216987	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
3		Octacosane	394	C28H58	000630-02-4	59
4		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	58
5		Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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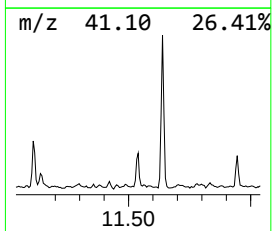
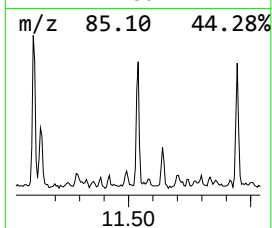
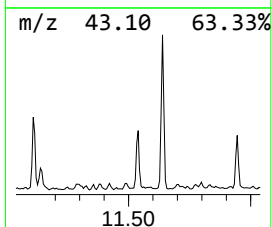
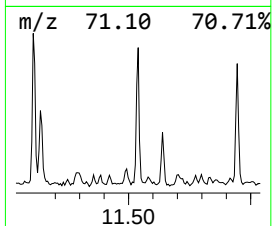
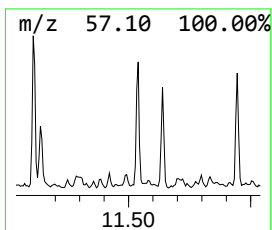
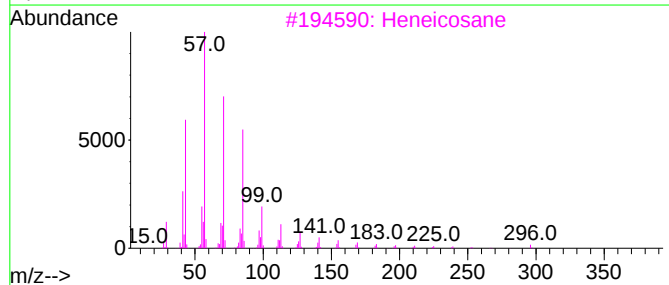
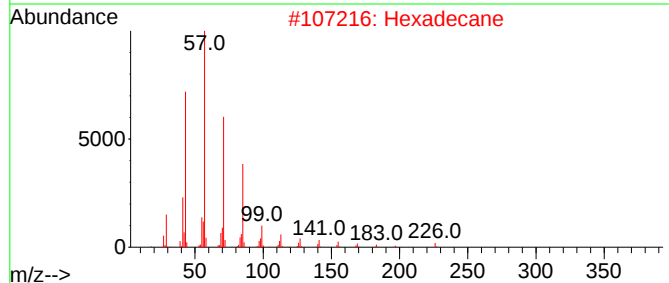
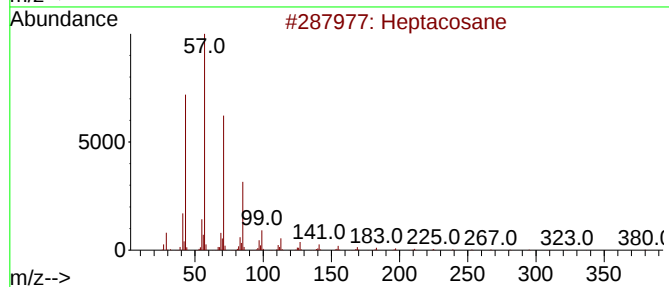
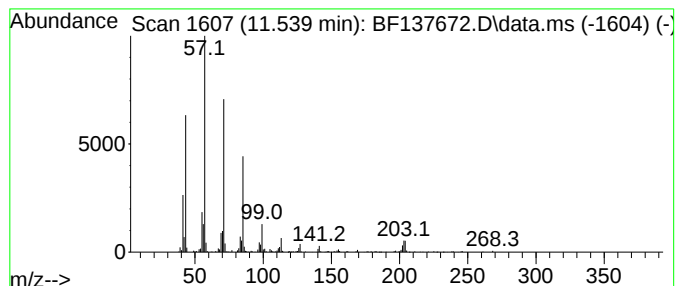
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	5.81 ng	275851	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Heneicosane	296	C21H44	000629-94-7	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-032024

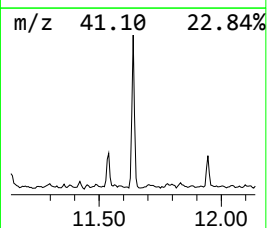
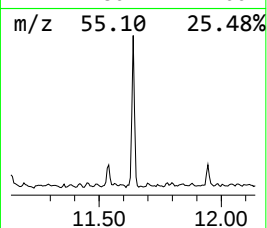
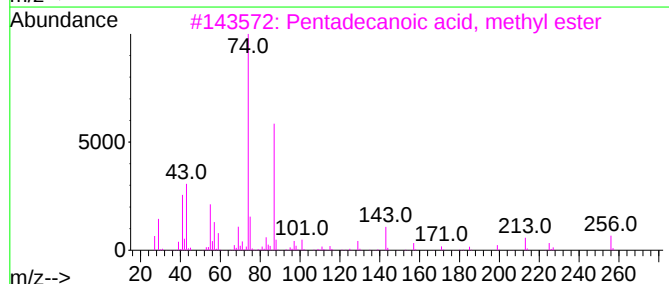
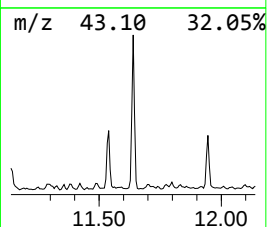
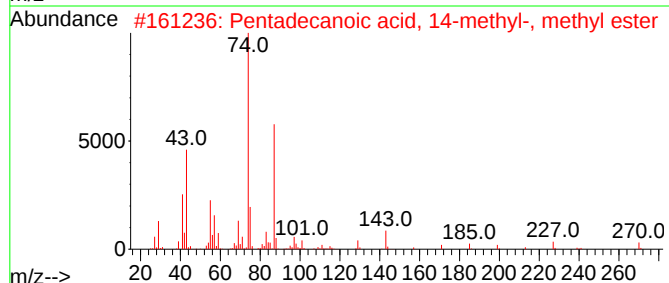
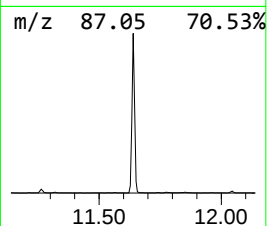
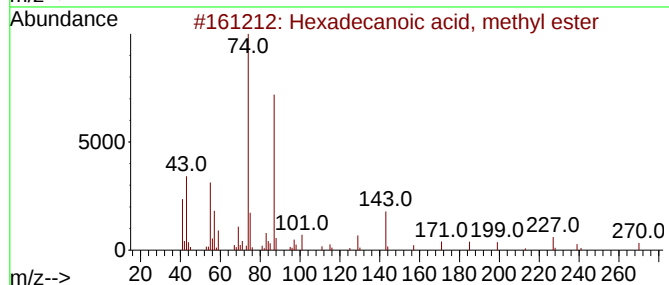
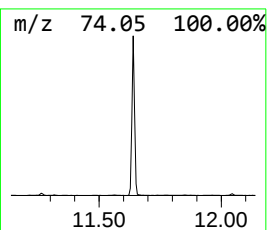
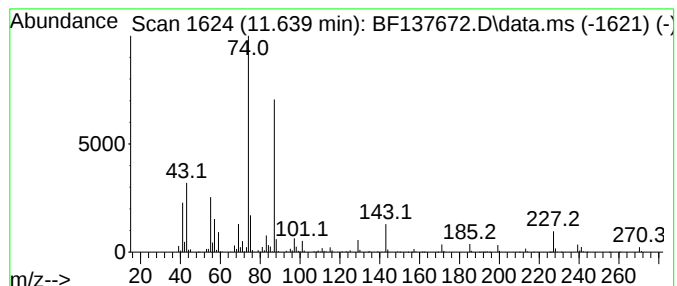
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	28.57 ng	1355260	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4			Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83
5			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
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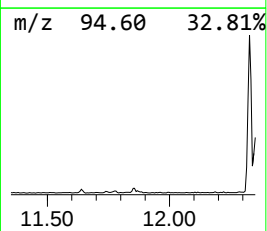
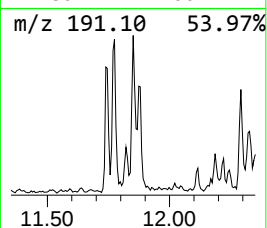
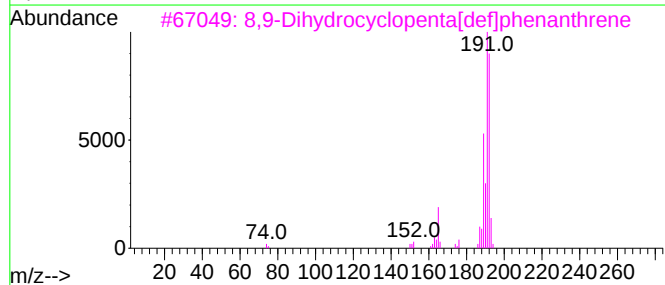
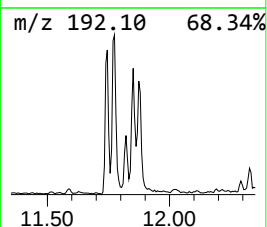
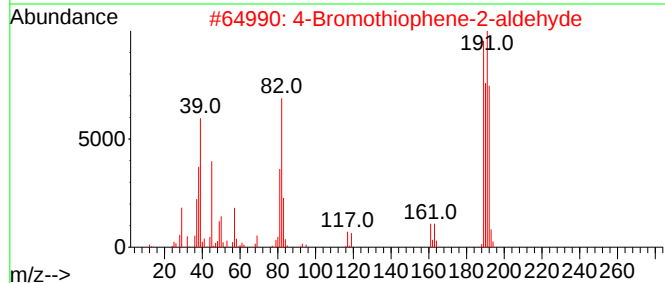
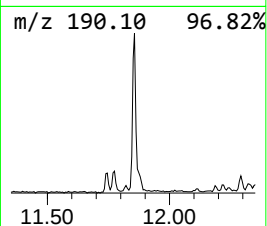
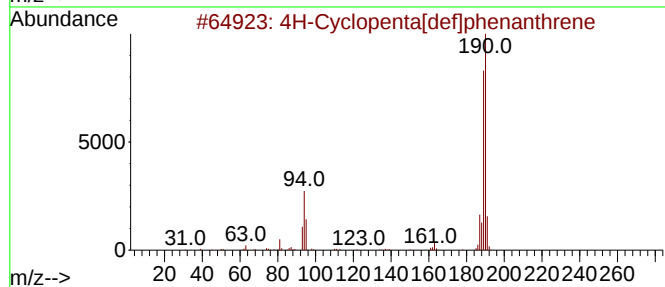
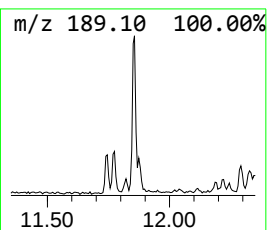
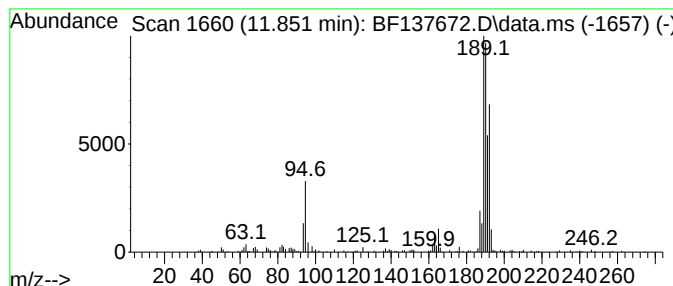
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.851	3.17 ng	150153	Phenanthrene-d10			11.239
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	70
2	4-Bromothiophene-2-aldehyde		190	C5H3BrOS	018791-75-8	52
3	8,9-Dihydrocyclopenta[def]phenan...		192	C15H12	027410-55-5	35
4	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	30
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-032024

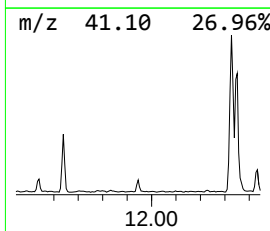
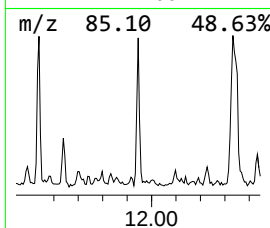
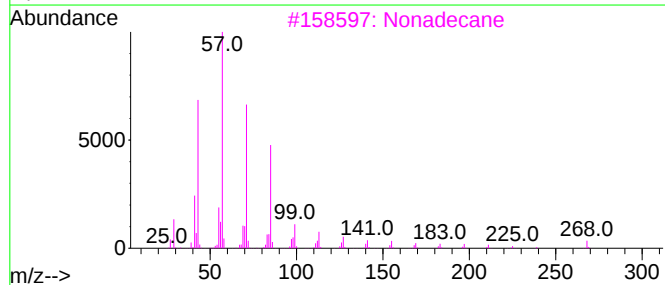
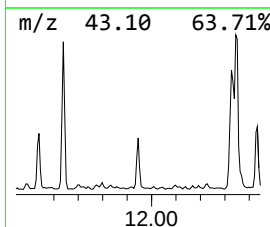
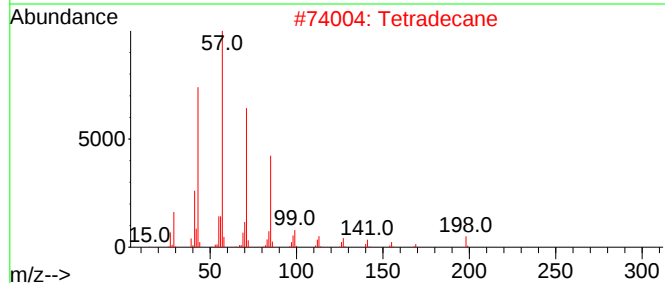
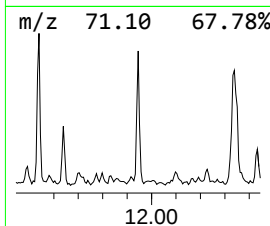
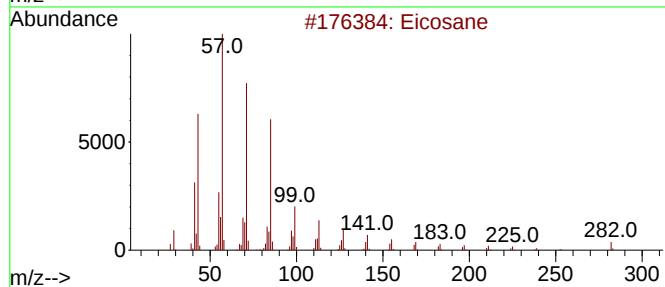
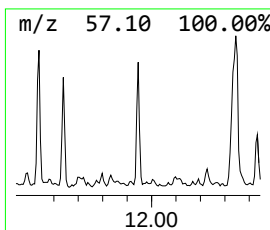
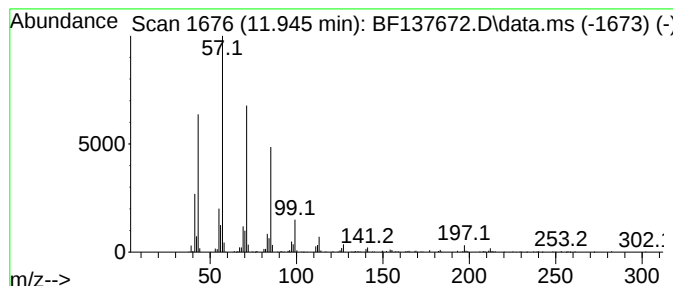
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.20 ng	246748	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Tetradecane	198	C14H30	000629-59-4	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

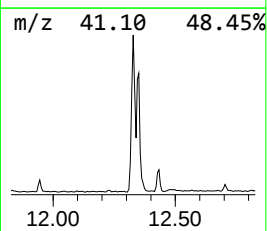
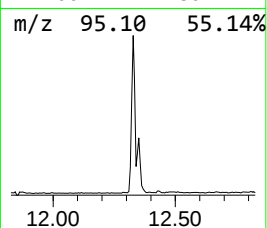
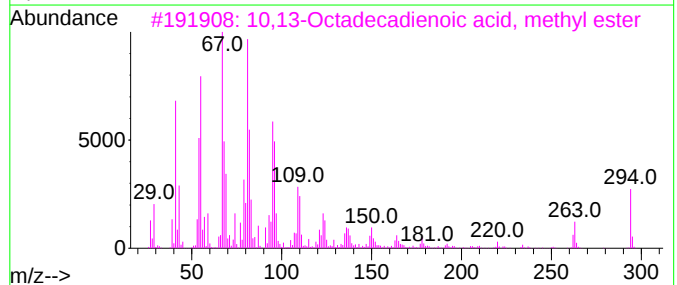
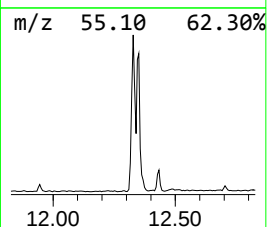
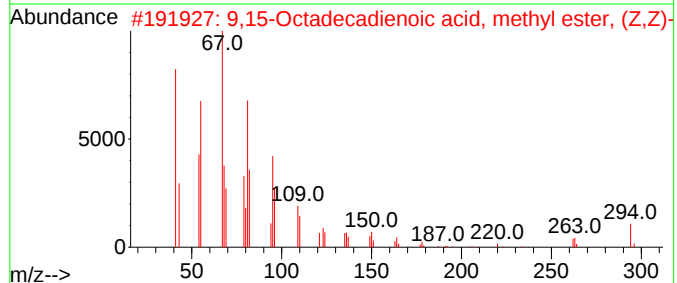
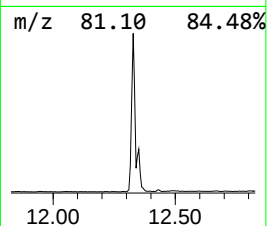
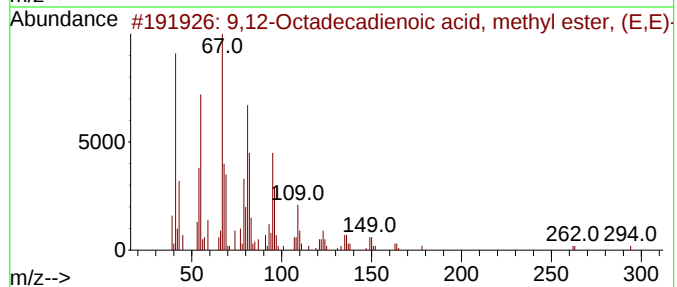
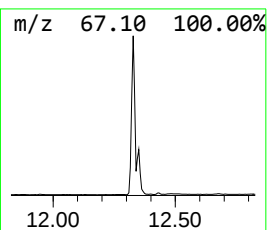
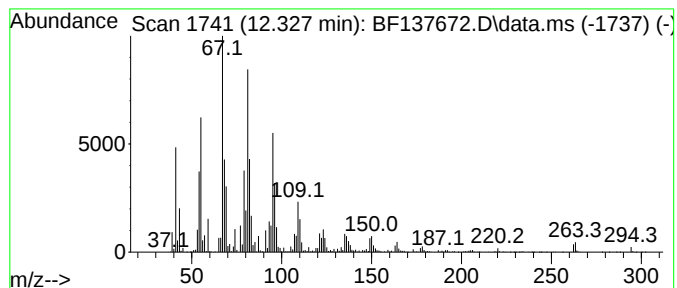
Instrument :
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ClientSampleId :
PL-01-032024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.327	107.14 ng	5082590	Phenanthrene-d10		11.239	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97
4		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	96
5		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

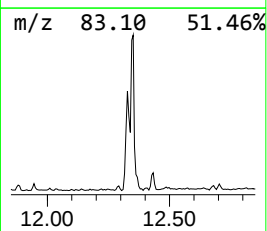
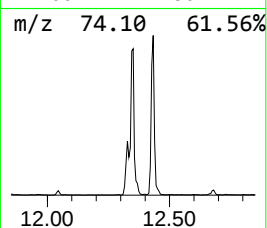
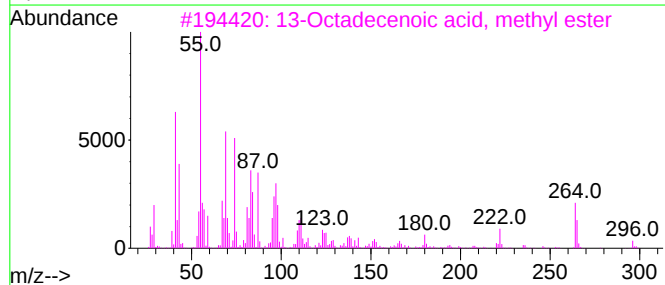
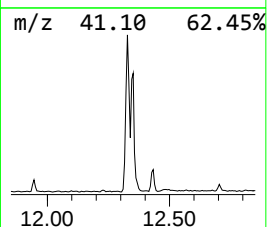
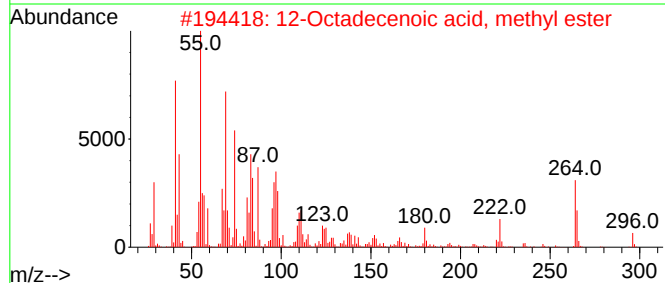
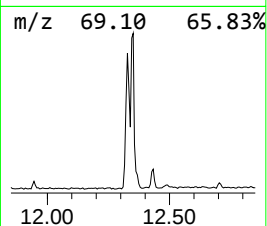
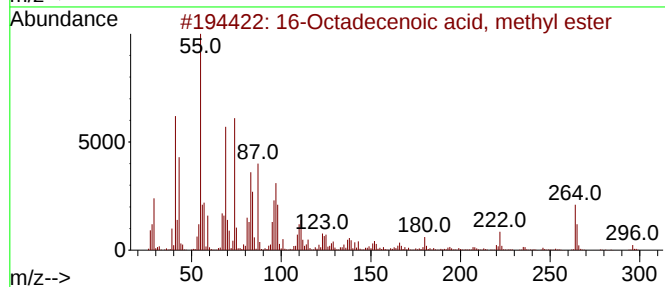
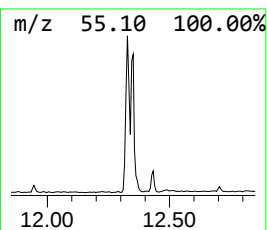
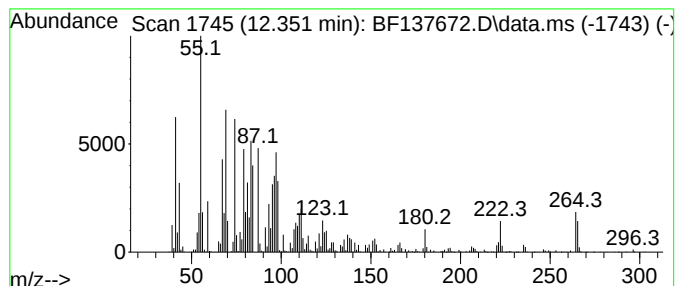
Instrument :
BNA_F
ClientSampleId :
PL-01-032024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 16-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.351	67.45 ng	3199830	Phenanthrene-d10	11.239		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

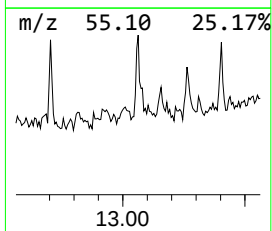
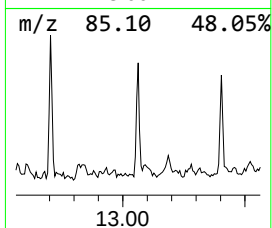
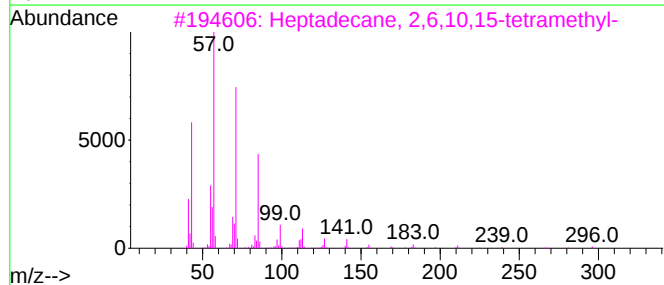
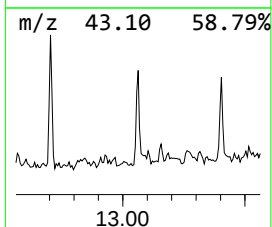
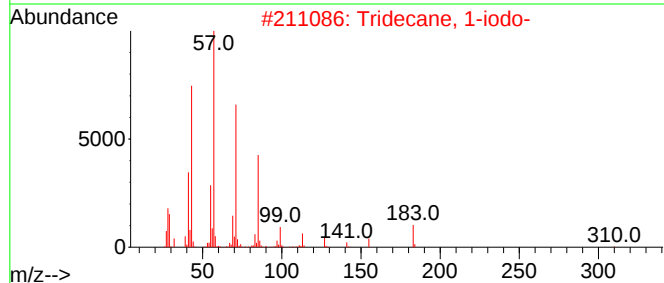
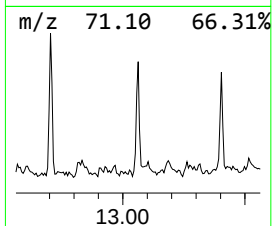
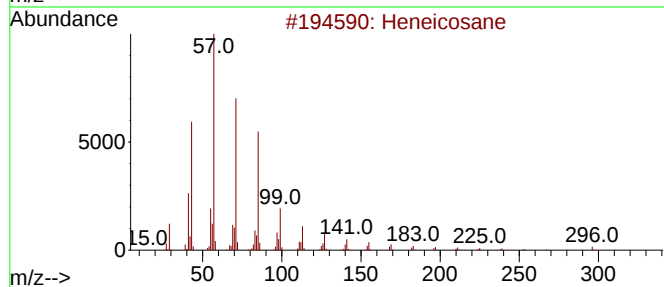
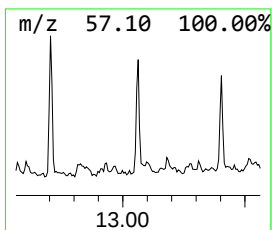
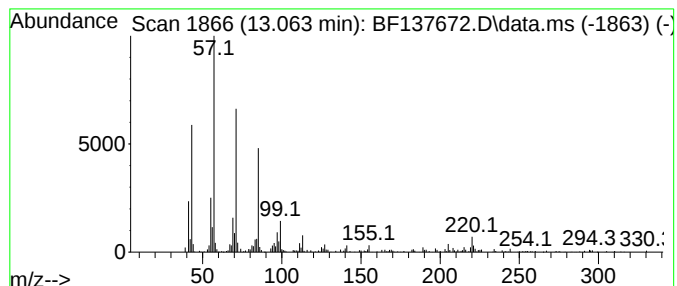
Instrument :
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ClientSampleId :
PL-01-032024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.063	3.02 ng	181604	Chrysene-d12		13.880	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	93
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	90
4	Hexacosane		366	C26H54	000630-01-3	83
5	Hexadecane, 5-butyl-		282	C20H42	006912-07-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137672.D
Acq On : 21 Mar 2024 20:55
Operator : CG\JU
Sample : P1816-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-032024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	6.563	3.3	ng	136933	1	6.728	820041	20.0
Cyclohexane, (4...	8.298	3.4	ng	240655	2	8.004	1419630	20.0
Tridecane	8.598	7.6	ng	540454	2	8.004	1419630	20.0
Tetradecane	9.163	11.2	ng	568684	3	9.757	1017560	20.0
Naphthalene, 2,...	9.422	3.1	ng	157301	3	9.757	1017560	20.0
Carbonic acid, ...	9.486	5.8	ng	293971	3	9.757	1017560	20.0
Decane, 2,3,5-t...	9.692	9.2	ng	467455	3	9.757	1017560	20.0
Octacosane, 2-m...	10.016	3.1	ng	159162	3	9.757	1017560	20.0
Hexadecane	10.192	8.7	ng	441372	3	9.757	1017560	20.0
Pentadecane, 2,...	10.410	4.7	ng	239533	3	9.757	1017560	20.0
Heptacosane	10.663	12.7	ng	602851	4	11.239	948770	20.0
Octadecane	11.110	7.1	ng	337850	4	11.239	948770	20.0
Heptadecane, 2,...	11.139	4.6	ng	216987	4	11.239	948770	20.0
Heneicosane	11.539	5.8	ng	275851	4	11.239	948770	20.0
Hexadecanoic ac...	11.639	28.6	ng	1355260	4	11.239	948770	20.0
4H-Cyclopenta[d...	11.851	3.2	ng	150153	4	11.239	948770	20.0
Eicosane	11.945	5.2	ng	246748	4	11.239	948770	20.0
9,12-Octadecadi...	12.327	107.1	ng	5082590	4	11.239	948770	20.0
16-Octadecenoic...	12.351	67.5	ng	3199830	4	11.239	948770	20.0
Tridecane, 1-iodo-	13.063	3.0	ng	181604	5	13.880	1202820	20.0