

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
 Data File : BF138480.D
 Acq On : 08 Jul 2024 14:25
 Operator : CG\JU
 Sample : P3166-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-070324

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-BF062824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138480.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	9	15	21	rBV	1895690	2460135	31.11%	2.224%
2	5.098	508	512	520	rVB	338931	451442	5.71%	0.408%
3	5.504	576	581	584	rBV	3445142	3155421	39.90%	2.853%
4	6.510	747	752	755	rBV	3061370	3286386	41.56%	2.971%
5	6.875	809	814	817	rBV	920292	847532	10.72%	0.766%
6	7.404	899	904	906	rBV2	206507	299352	3.79%	0.271%
7	7.439	906	910	912	rVV	2130718	2080847	26.31%	1.881%
8	7.463	912	914	918	rVB	293053	250461	3.17%	0.226%
9	7.516	918	923	926	rVB5	304636	425599	5.38%	0.385%
10	7.675	947	950	954	rVB4	459339	471687	5.96%	0.426%
11	7.792	968	970	974	rVV3	328522	313497	3.96%	0.283%
12	8.022	1006	1009	1012	rBV3	299672	293145	3.71%	0.265%
13	8.057	1012	1015	1019	rBV3	311129	345184	4.37%	0.312%
14	8.104	1019	1023	1025	rBV4	177786	278795	3.53%	0.252%
15	8.134	1025	1028	1030	rVV	999049	1035610	13.10%	0.936%
16	8.157	1030	1032	1034	rVV	1288428	1023592	12.94%	0.925%
17	8.210	1037	1041	1044	rVB3	563365	657634	8.32%	0.595%
18	8.239	1044	1046	1053	rBV5	281519	405263	5.12%	0.366%
19	8.328	1053	1061	1063	rBV5	301780	515568	6.52%	0.466%
20	8.351	1063	1065	1068	rVB2	322566	283595	3.59%	0.256%
21	8.445	1076	1081	1088	rBV6	586589	913143	11.55%	0.826%
22	8.498	1088	1090	1093	rVB4	320801	316030	4.00%	0.286%
23	8.528	1093	1095	1099	rBV3	363062	453847	5.74%	0.410%
24	8.569	1099	1102	1104	rBV	602558	527749	6.67%	0.477%
25	8.592	1104	1106	1108	rVV	370047	283064	3.58%	0.256%
26	8.657	1114	1117	1120	rBV2	626299	547994	6.93%	0.495%
27	8.745	1128	1132	1135	rBV	1702674	1490735	18.85%	1.348%
28	8.975	1169	1171	1174	rVV	700553	628132	7.94%	0.568%
29	9.028	1177	1180	1184	rVV4	286028	399260	5.05%	0.361%
30	9.104	1189	1193	1197	rVV2	573474	925535	11.70%	0.837%
31	9.145	1198	1200	1202	rVV	433348	358533	4.53%	0.324%
32	9.175	1202	1205	1207	rVV2	1061859	992956	12.56%	0.898%
33	9.233	1211	1215	1219	rVV	3417318	3089500	39.07%	2.793%
34	9.310	1224	1228	1231	rVV	3093481	2860545	36.17%	2.586%
35	9.351	1233	1235	1236	rVV2	367835	338984	4.29%	0.306%
36	9.380	1238	1240	1243	rVV2	677500	643317	8.14%	0.582%

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37	9.545	1265	1268	1269	rBV3	481177	468934	5.93%	0.424%
38	9.563	1269	1271	1273	rVV	585457	617342	7.81%	0.558%
39	9.586	1273	1275	1278	rVV3	687795	605317	7.65%	0.547%
40	9.628	1278	1282	1284	rVV3	1562832	1978057	25.01%	1.788%
41	9.651	1284	1286	1289	rVV2	870922	932130	11.79%	0.843%
42	9.686	1289	1292	1295	rVB2	835562	772981	9.77%	0.699%
43	9.780	1304	1308	1311	rBV4	296926	445062	5.63%	0.402%
44	9.810	1311	1313	1315	rVV3	358668	405221	5.12%	0.366%
45	9.845	1315	1319	1322	rVV	3790286	3599822	45.52%	3.255%
46	9.880	1322	1325	1326	rVV3	464310	484714	6.13%	0.438%
47	9.910	1327	1330	1333	rVV	1068024	1059938	13.40%	0.958%
48	10.010	1345	1347	1351	rVB2	361327	355410	4.49%	0.321%
49	10.069	1354	1357	1360	rVV2	606888	932955	11.80%	0.843%
50	10.098	1360	1362	1365	rVV3	803252	831786	10.52%	0.752%
51	10.128	1365	1367	1369	rVV	592985	468043	5.92%	0.423%
52	10.157	1369	1372	1376	rVV3	1094259	1478075	18.69%	1.336%
53	10.198	1376	1379	1381	rVB	657993	579760	7.33%	0.524%
54	10.228	1381	1384	1388	rBV4	351064	633891	8.02%	0.573%
55	10.280	1391	1393	1397	rVB2	434851	432779	5.47%	0.391%
56	10.345	1397	1404	1406	rBV	4425659	4393577	55.56%	3.972%
57	10.369	1406	1408	1410	rVV2	508272	507207	6.41%	0.459%
58	10.398	1410	1413	1418	rVB3	413168	627498	7.94%	0.567%
59	10.563	1435	1441	1446	rBV	1708381	2498039	31.59%	2.258%
60	10.610	1446	1449	1452	rVB	617422	480623	6.08%	0.435%
61	10.639	1452	1454	1458	rBV3	567046	657811	8.32%	0.595%
62	10.680	1458	1461	1462	rBV	694648	569816	7.21%	0.515%
63	10.698	1462	1464	1467	rVB	1150574	988784	12.50%	0.894%
64	10.816	1480	1484	1493	rVB	4381527	5676603	71.78%	5.132%
65	11.004	1513	1516	1520	rBV2	568283	797564	10.09%	0.721%
66	11.039	1520	1522	1524	rVB	612725	483370	6.11%	0.437%
67	11.069	1525	1527	1529	rBV	376780	278273	3.52%	0.252%
68	11.098	1529	1532	1535	rVB	433868	340388	4.30%	0.308%
69	11.133	1536	1538	1540	rBV	365878	247698	3.13%	0.224%
70	11.263	1556	1560	1562	rBV	3907649	3461925	43.78%	3.130%
71	11.292	1562	1565	1571	rVB	1954504	1961876	24.81%	1.774%
72	11.398	1580	1583	1585	rBV	962815	773805	9.79%	0.700%
73	11.533	1603	1606	1609	rVB	404876	384185	4.86%	0.347%
74	11.569	1609	1612	1616	rBV	525103	439610	5.56%	0.397%
75	11.639	1621	1624	1629	rVB	409373	384271	4.86%	0.347%
76	11.686	1629	1632	1635	rBV	3164051	2848663	36.02%	2.575%

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77	11.786	1646	1649	1652	rVB	2076299	1641186	20.75%	1.484%
78	11.851	1657	1660	1665	rBV	354872	513173	6.49%	0.464%
79	11.927	1669	1673	1675	rBV	942859	1019405	12.89%	0.922%
80	11.980	1680	1682	1684	rBV	279961	243551	3.08%	0.220%
81	12.092	1698	1701	1705	rBV	2698427	2564192	32.43%	2.318%
82	12.151	1709	1711	1715	rVB4	267908	264729	3.35%	0.239%
83	12.227	1722	1724	1726	rBV2	260520	271613	3.43%	0.246%
84	12.374	1746	1749	1752	rBV	392678	341319	4.32%	0.309%
85	12.480	1763	1767	1769	rBV2	6537745	7907971	100.00%	7.149%
86	12.498	1769	1770	1778	rVB	4821890	4169465	52.72%	3.770%
87	12.580	1781	1784	1787	rVB	1122208	919779	11.63%	0.832%
88	12.621	1787	1791	1793	rBV2	1196086	1655065	20.93%	1.496%
89	12.639	1793	1794	1801	rVB	1066098	969342	12.26%	0.876%
90	12.710	1801	1806	1811	rBV3	536653	709042	8.97%	0.641%
91	12.857	1826	1831	1834	rVB2	1459839	1555680	19.67%	1.406%
92	12.986	1847	1853	1856	rBV	2394379	2296828	29.04%	2.077%
93	13.210	1887	1891	1893	rBV	1046859	926778	11.72%	0.838%
94	13.457	1931	1933	1940	rVB2	261945	280134	3.54%	0.253%
95	13.551	1946	1949	1952	rVB	720846	591599	7.48%	0.535%
96	13.880	2002	2005	2014	rVB	594524	716241	9.06%	0.648%
97	14.033	2028	2031	2034	rVB2	473021	478644	6.05%	0.433%
98	14.192	2055	2058	2067	rVB	374719	433484	5.48%	0.392%
99	14.498	2107	2110	2116	rBV	264628	277037	3.50%	0.250%
100	15.510	2278	2282	2284	rBV	263472	328777	4.16%	0.297%

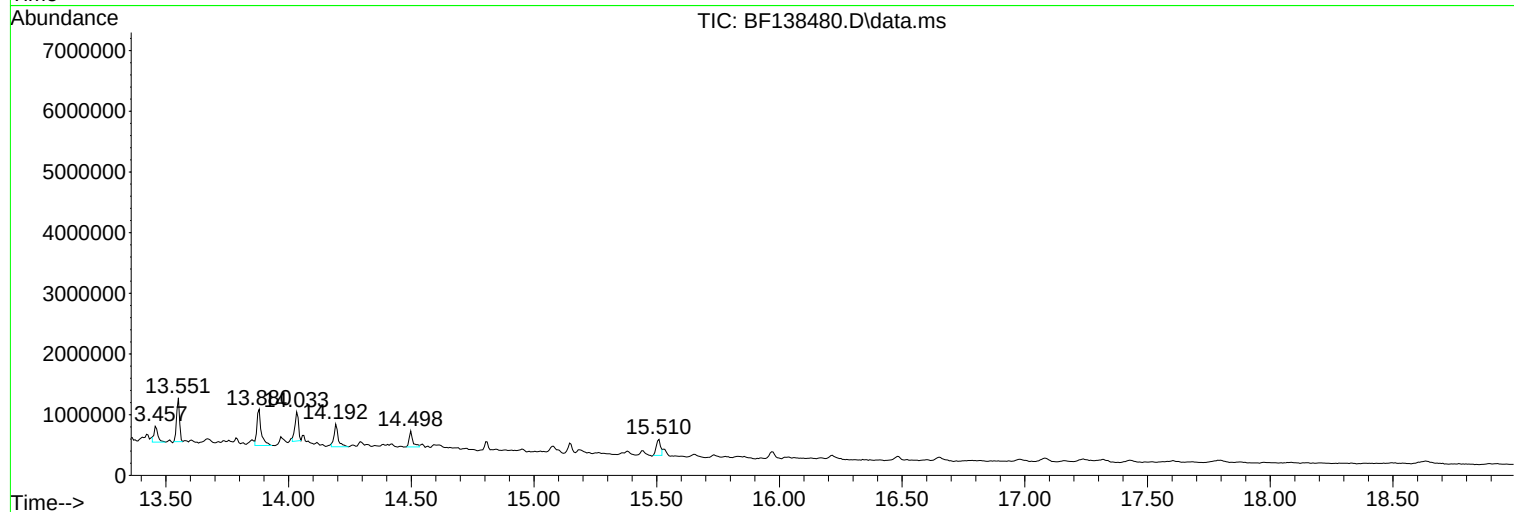
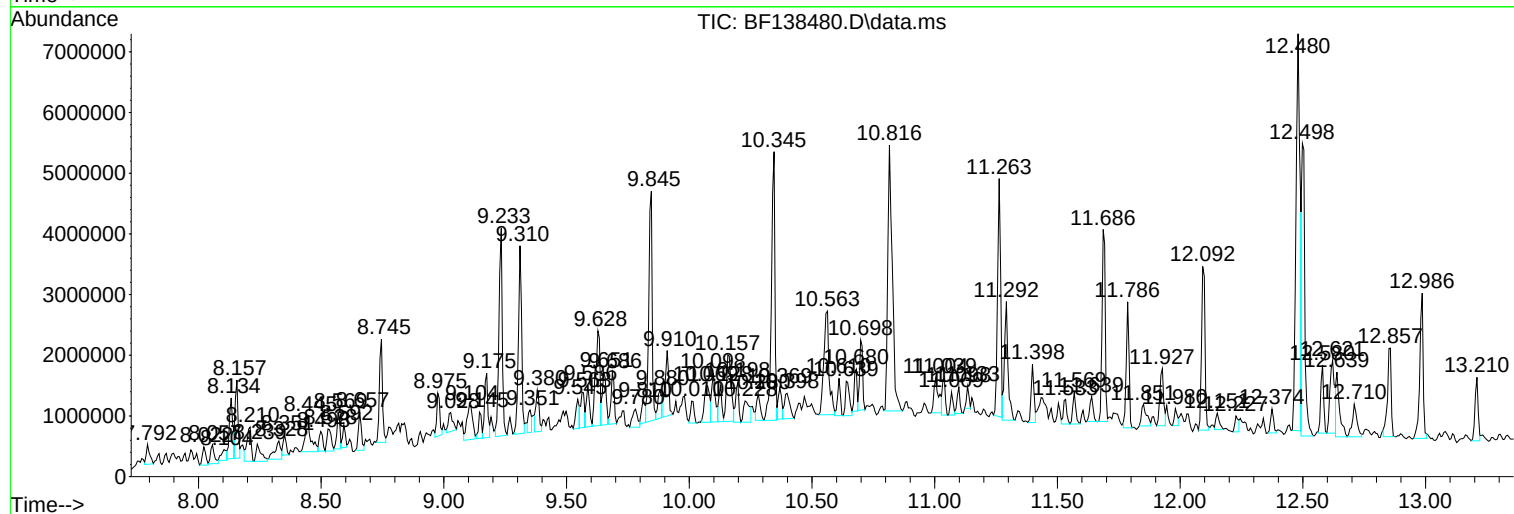
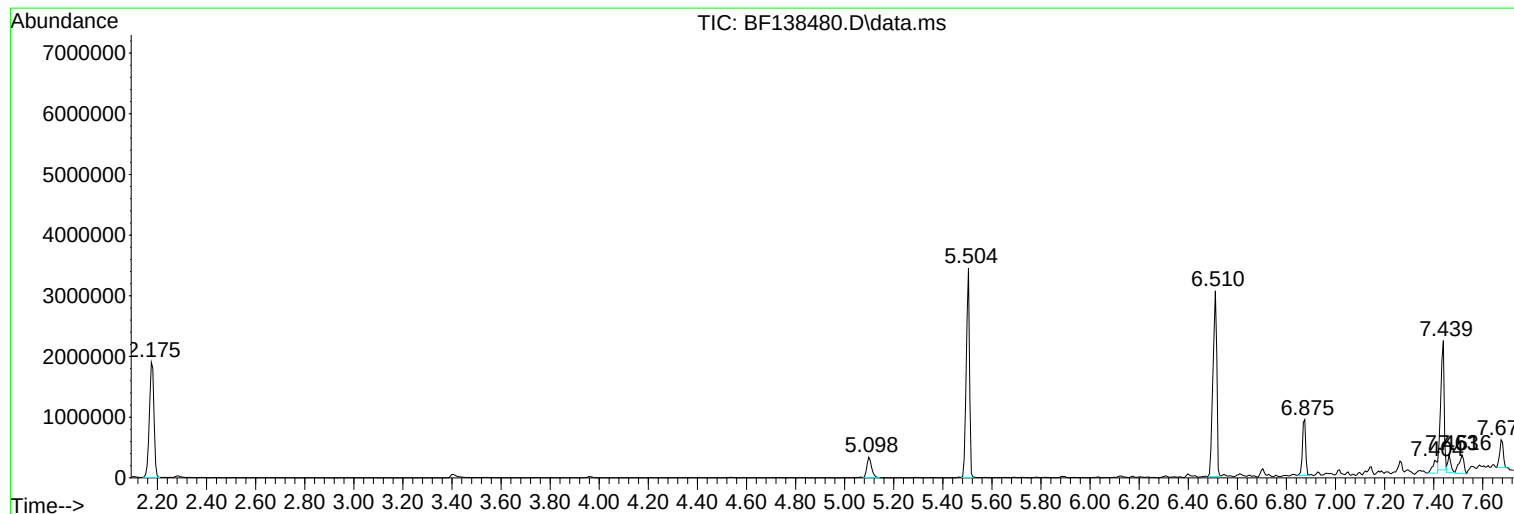
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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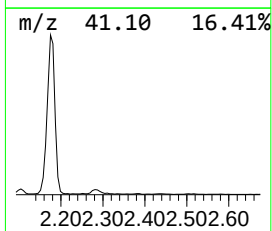
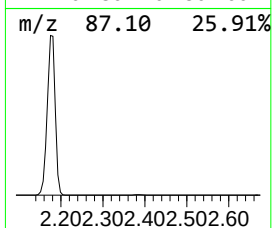
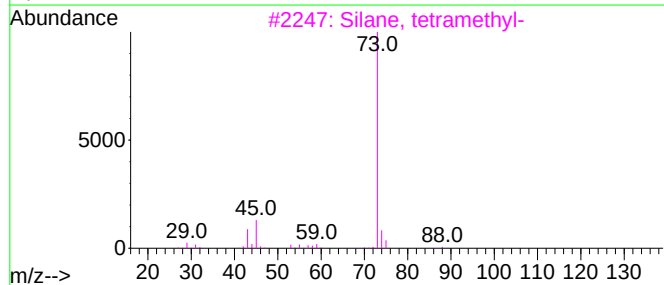
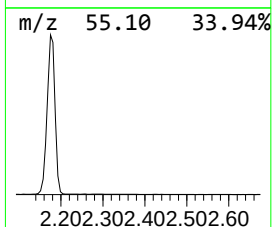
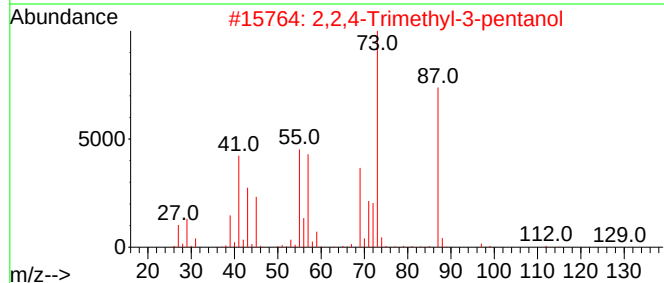
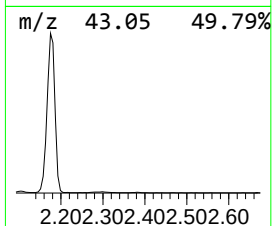
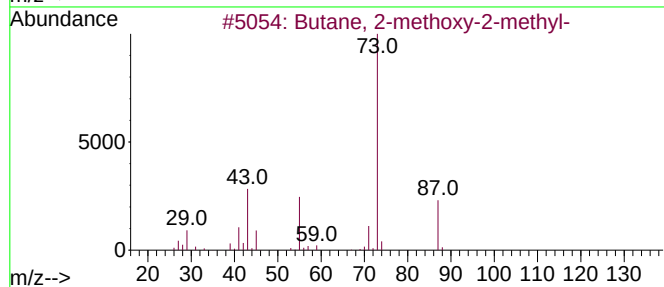
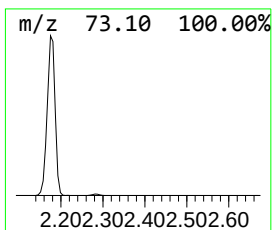
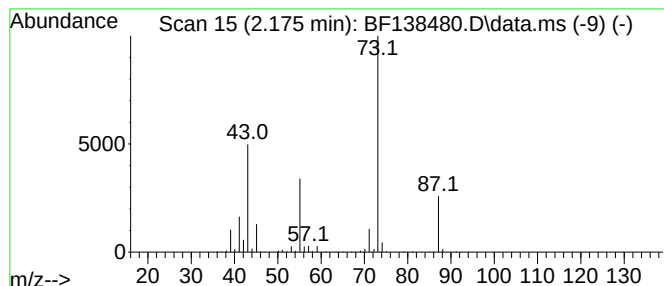
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	58.05 ng	2460140	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23



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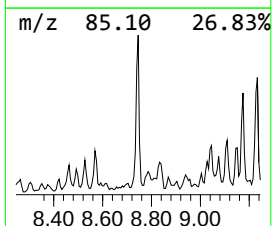
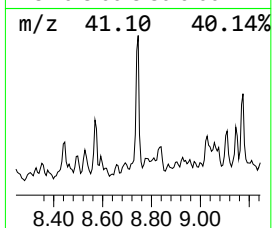
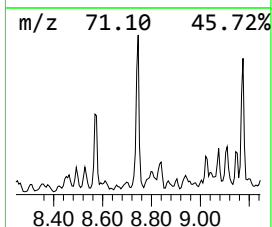
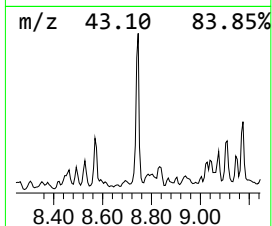
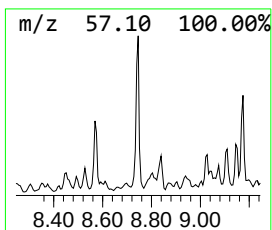
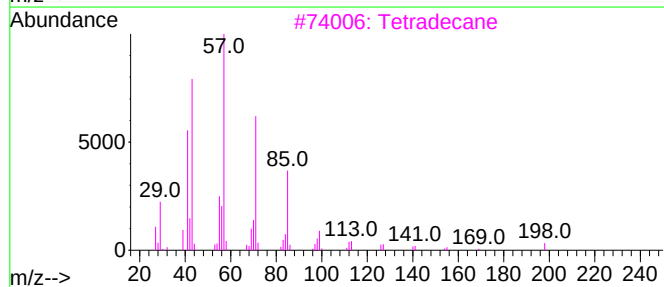
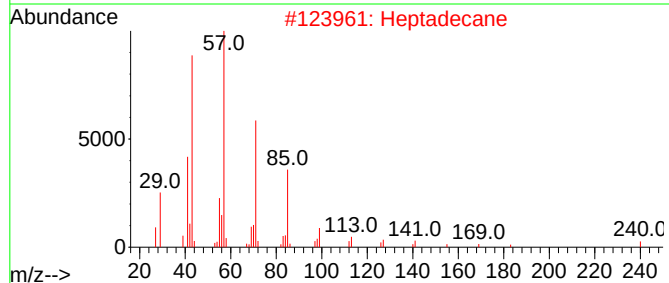
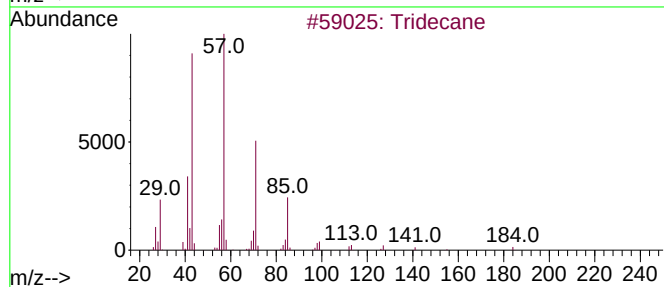
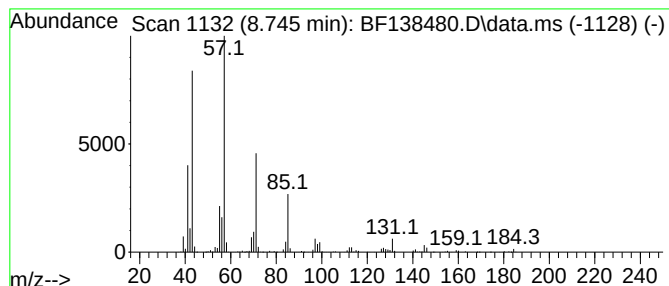
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	29.13 ng	1490740	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Heptadecane	240	C17H36	000629-78-7	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68



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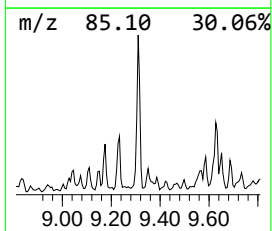
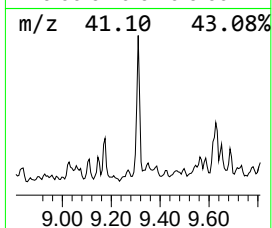
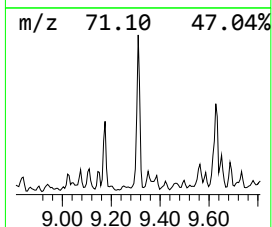
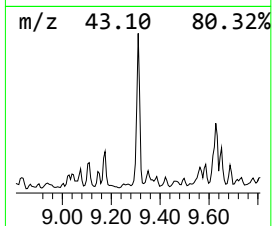
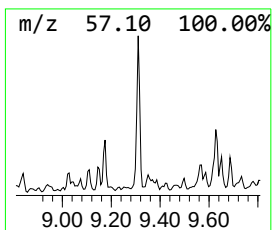
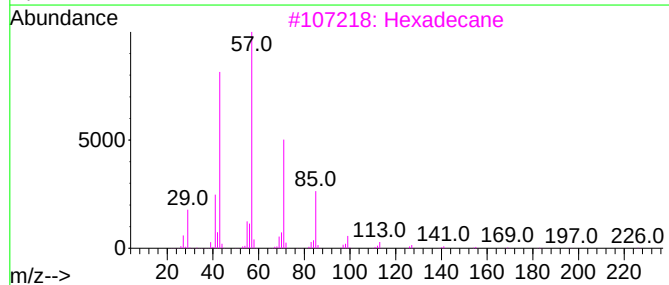
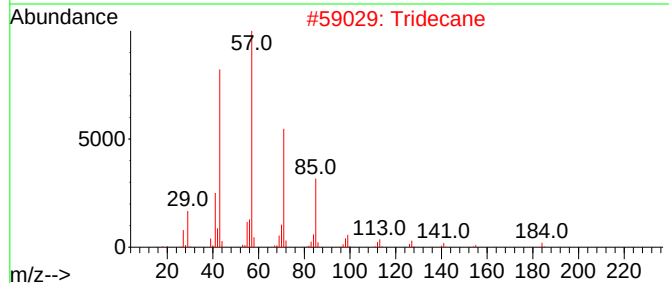
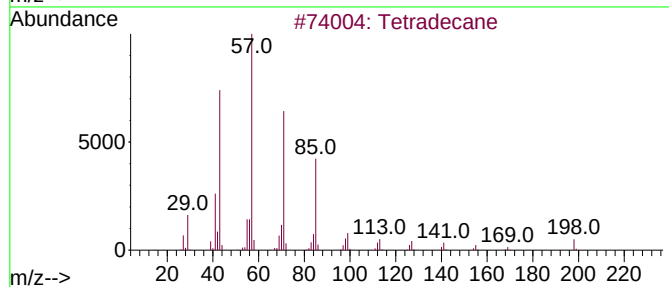
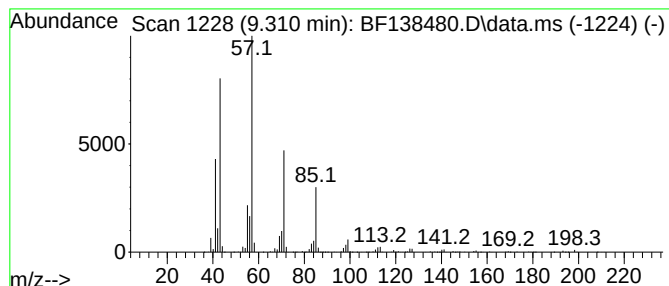
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	53.98 ng	2860550	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
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Acq On : 08 Jul 2024 14:25
Operator : CG\JU
Sample : P3166-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

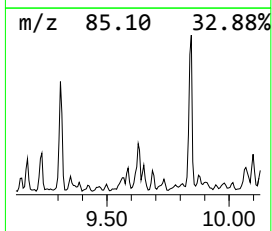
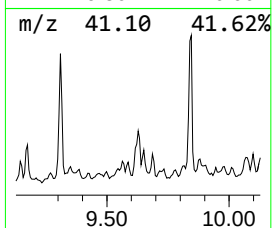
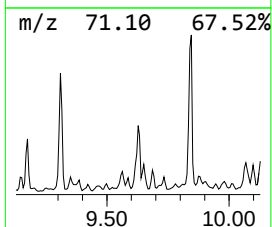
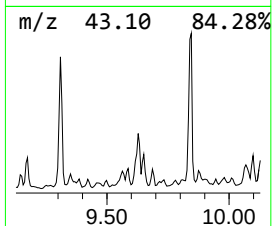
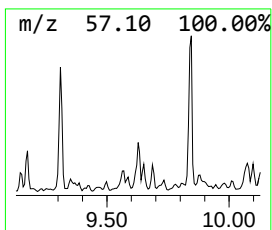
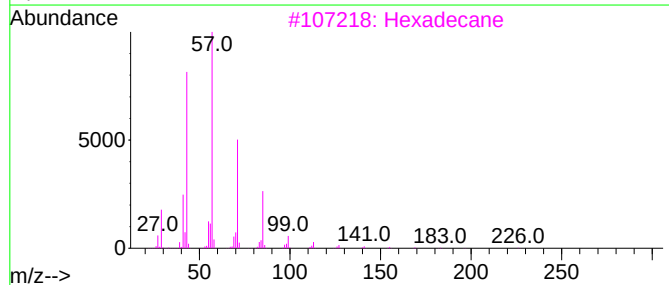
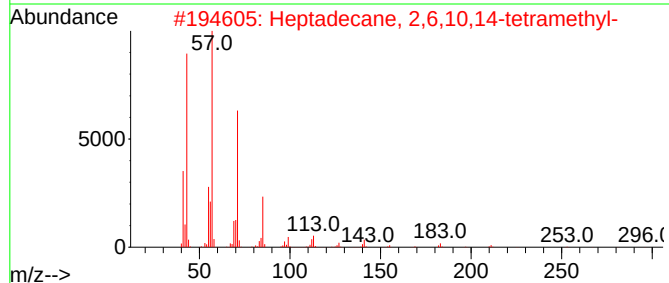
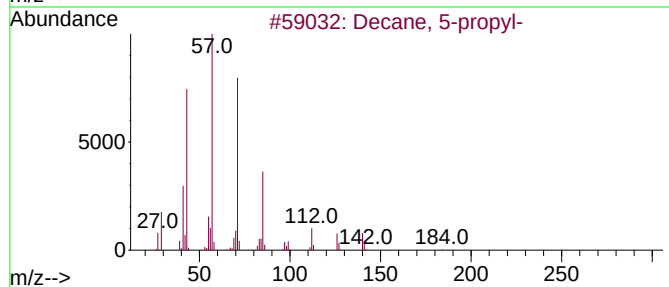
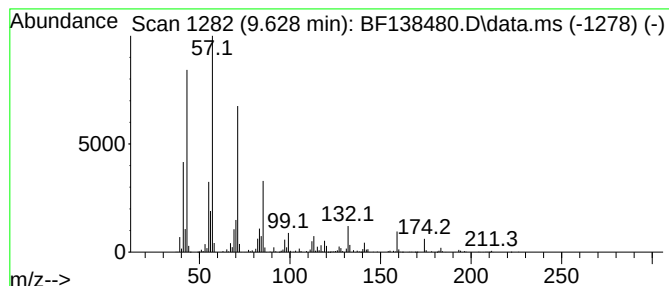
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 5-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.628	37.32 ng	1978060	Acenaphthene-d10		9.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-		184	C13H28	017312-62-8	70
2	Heptadecane, 2,6,10,14-tetramethyl-		296	C21H44	018344-37-1	68
3	Hexadecane		226	C16H34	000544-76-3	64
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	62
5	Nonane, 4-methyl-5-propyl-		184	C13H28	062185-55-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
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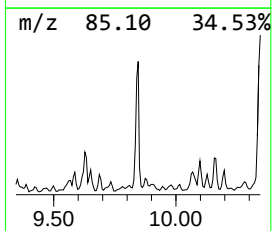
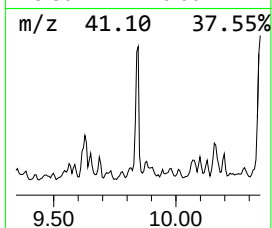
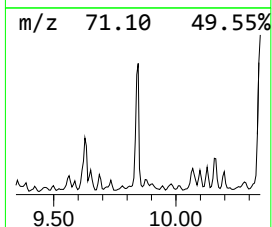
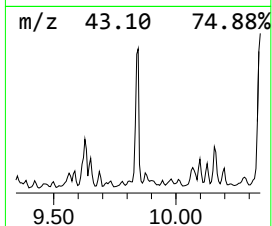
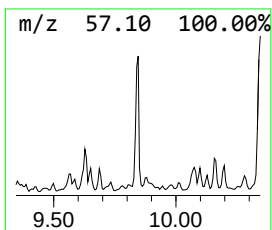
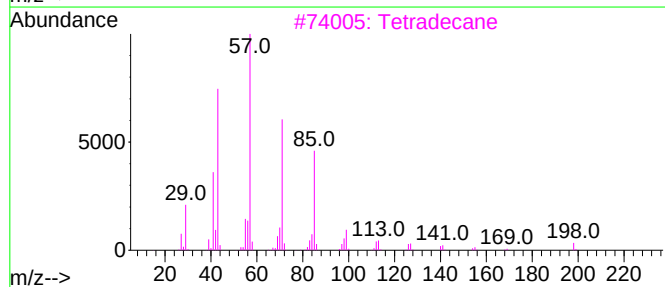
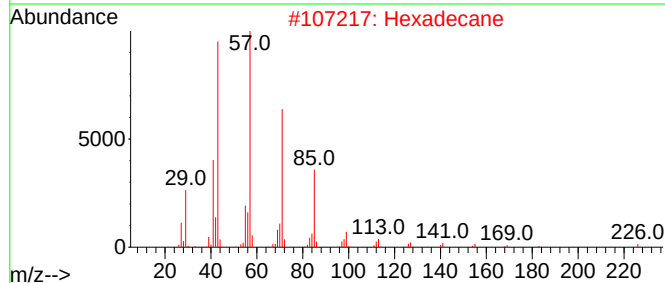
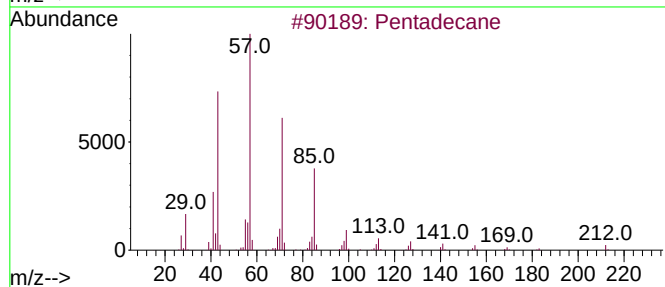
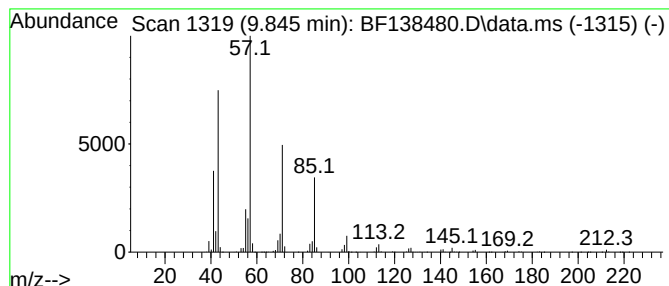
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	67.93 ng	3599820	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Undecane	156	C11H24	001120-21-4	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
Acq On : 08 Jul 2024 14:25
Operator : CG\JU
Sample : P3166-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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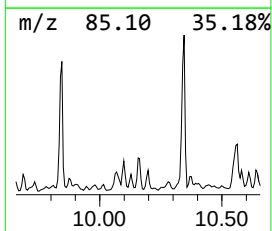
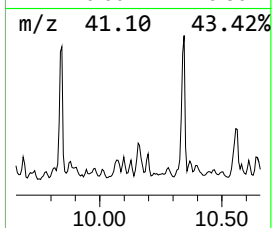
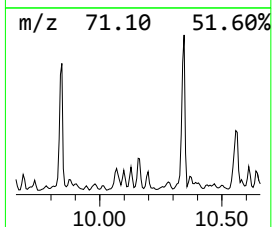
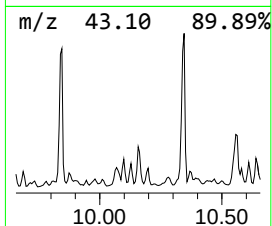
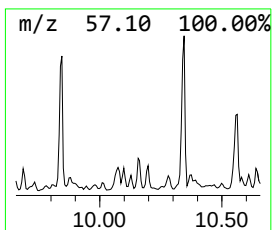
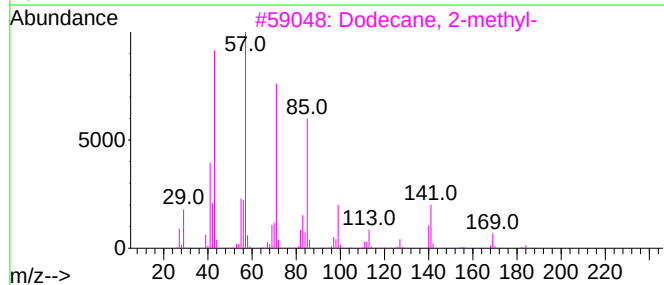
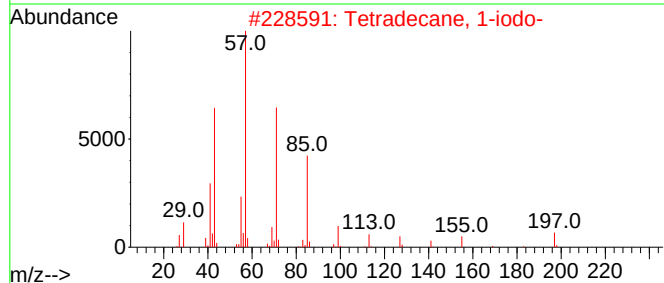
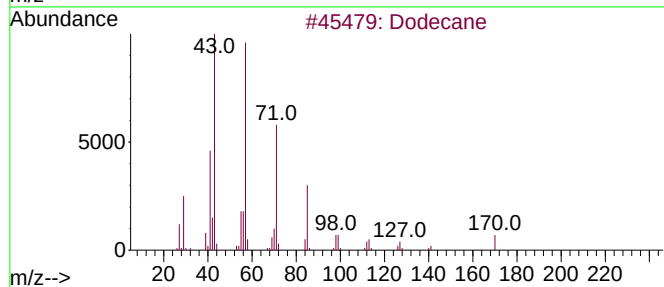
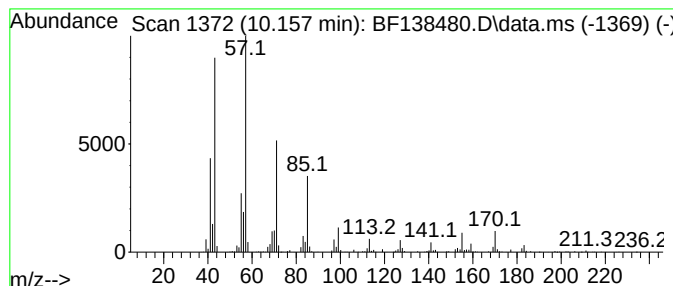
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	27.89 ng	1478080	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	93
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5		1-Iodoundecane	282	C11H23I	004282-44-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
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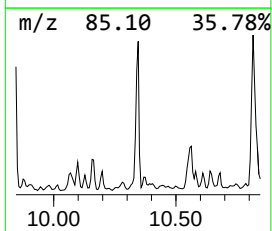
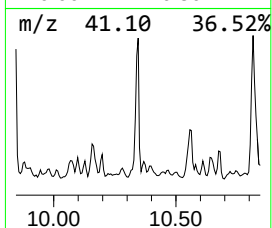
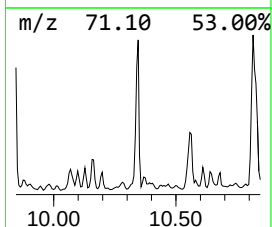
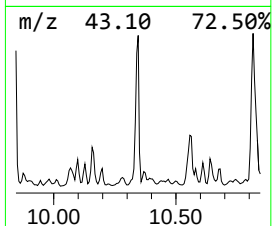
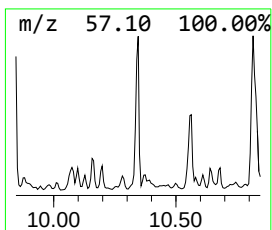
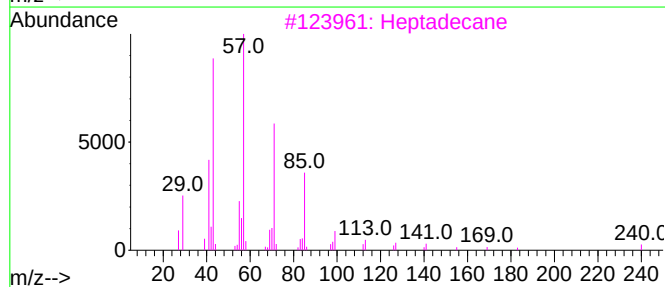
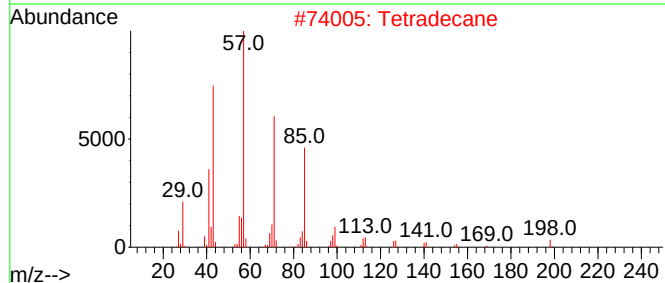
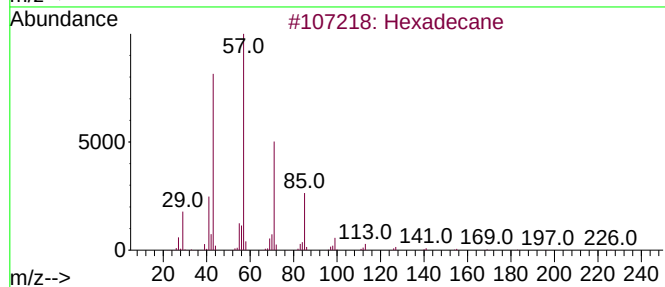
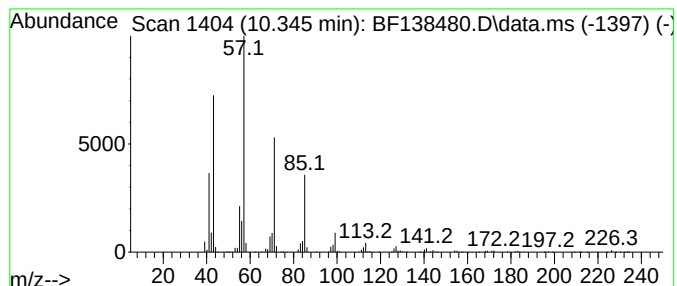
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.345	82.90 ng	4393580	Acenaphthene-d10		9.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	96
2	Tetradecane		198	C14H30	000629-59-4	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Pentadecane		212	C15H32	000629-62-9	86
5	Octadecane		254	C18H38	000593-45-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
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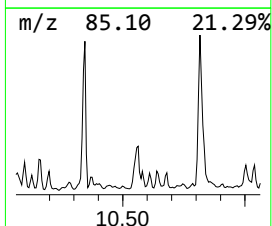
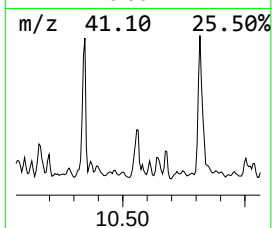
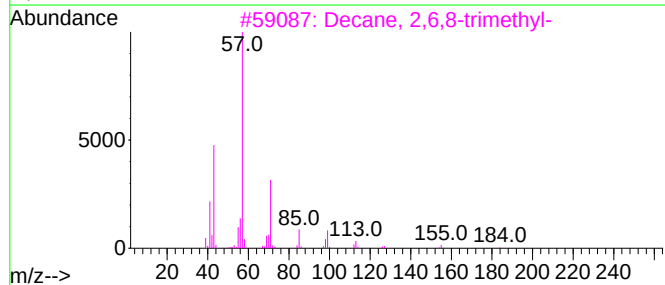
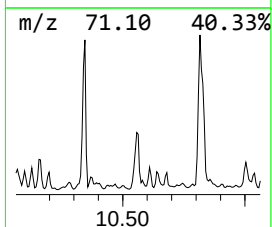
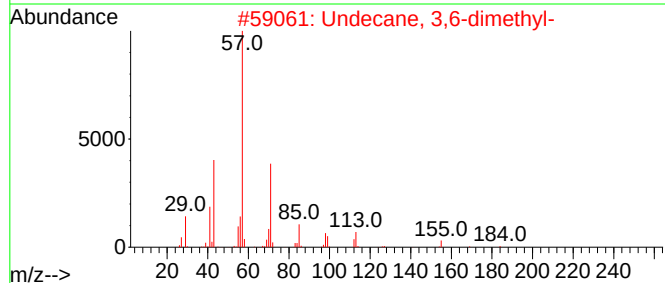
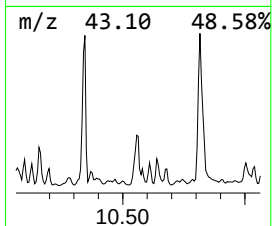
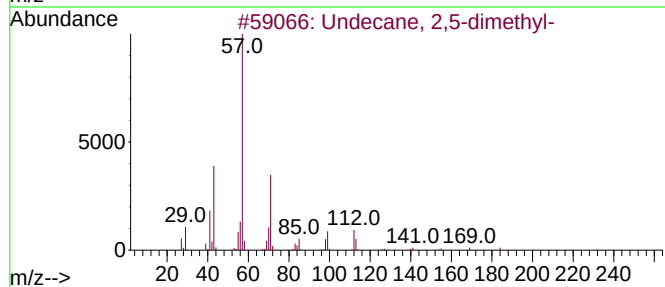
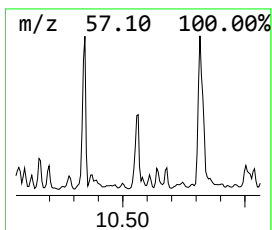
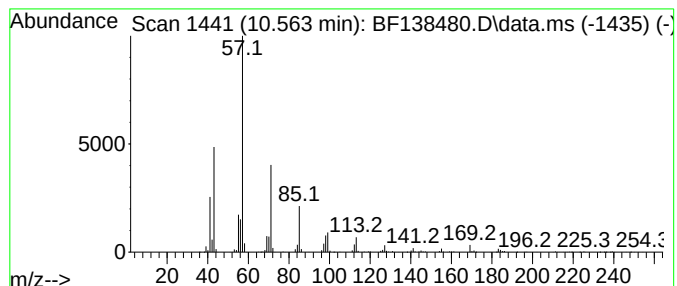
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.563	47.14 ng	2498040	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
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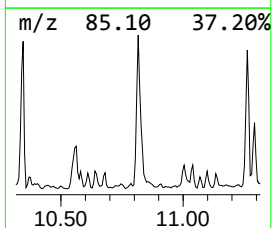
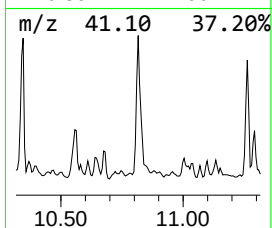
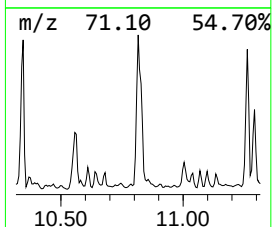
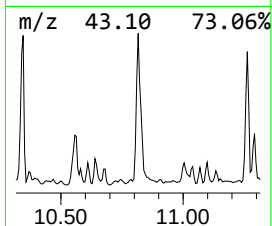
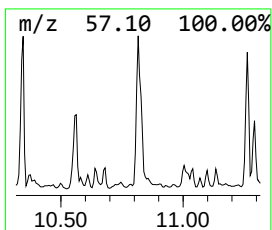
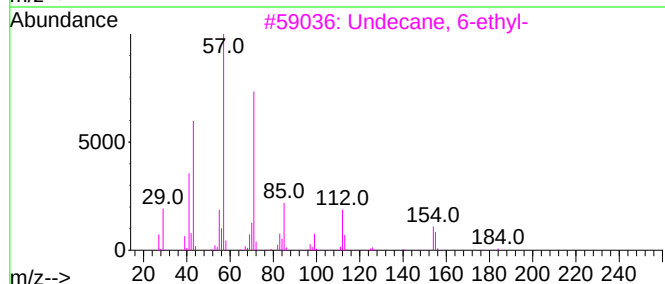
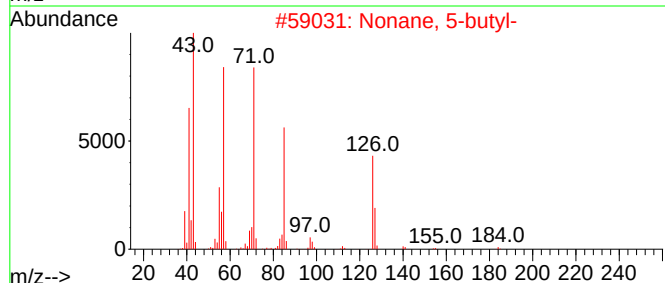
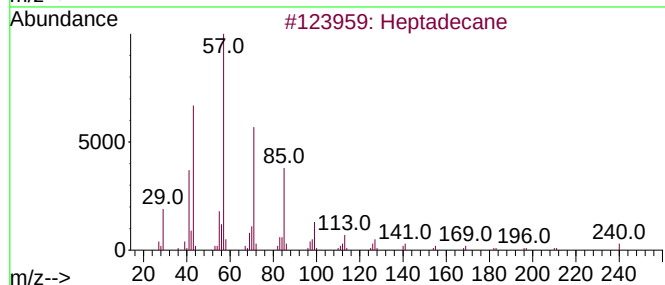
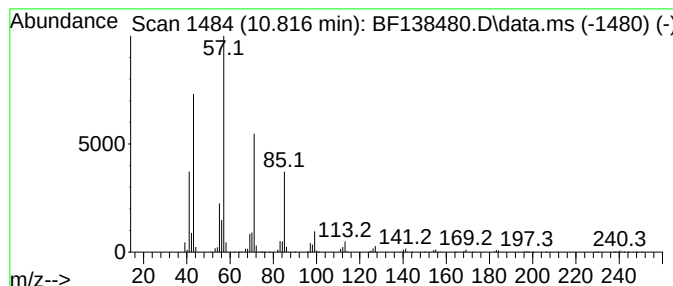
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	146.72 ng	5676600	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3			Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
Acq On : 08 Jul 2024 14:25
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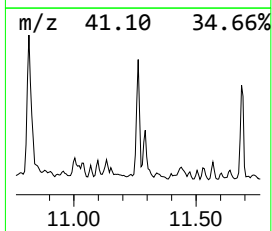
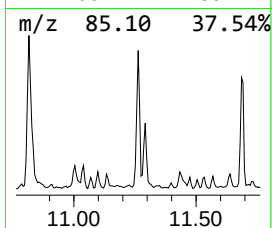
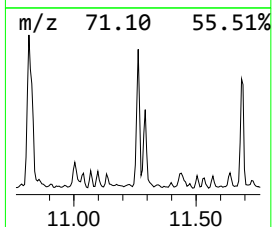
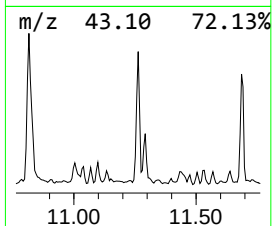
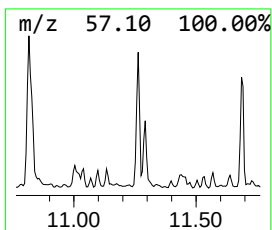
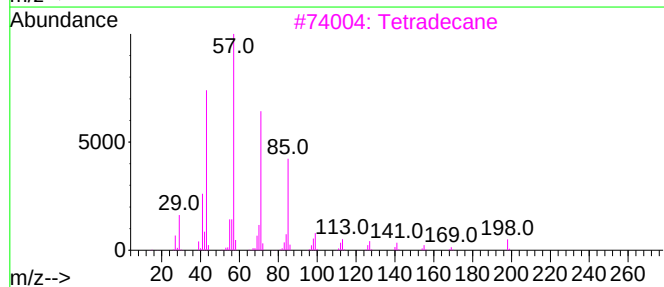
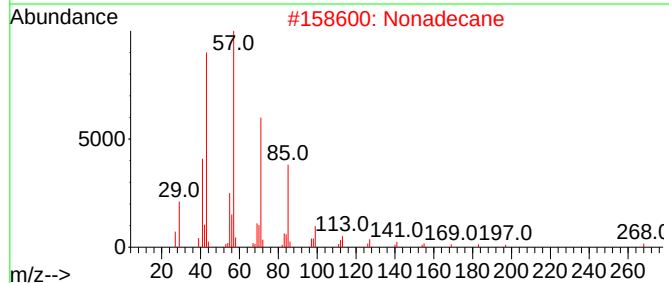
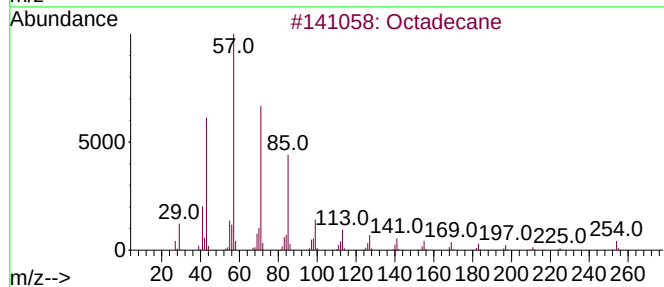
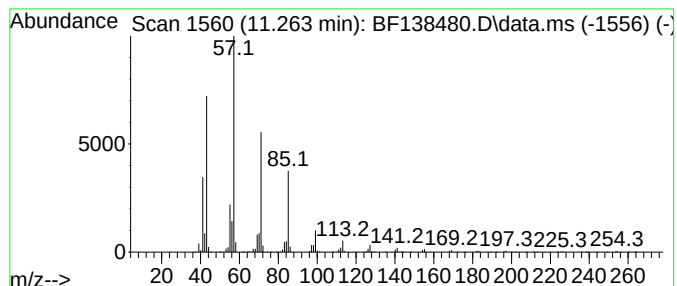
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	89.48 ng	3461930	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
Acq On : 08 Jul 2024 14:25
Operator : CG\JU
Sample : P3166-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-070324

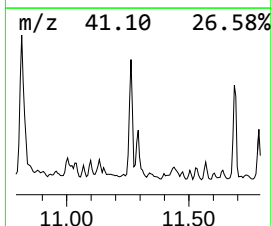
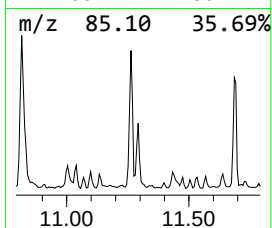
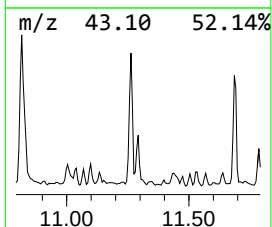
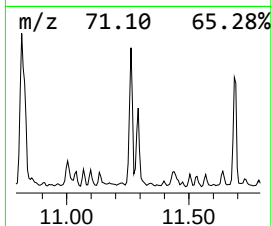
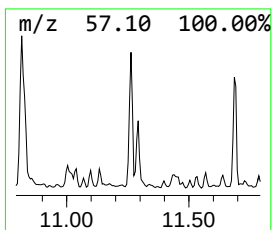
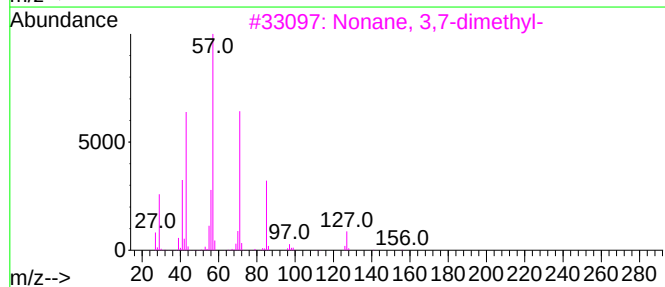
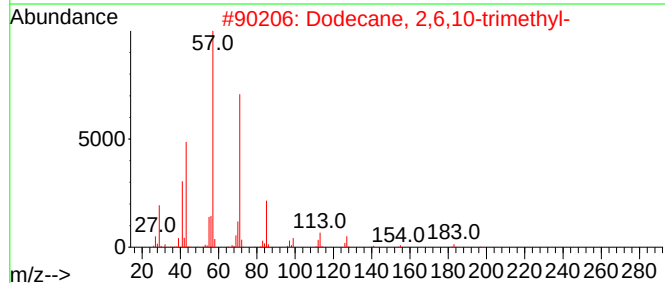
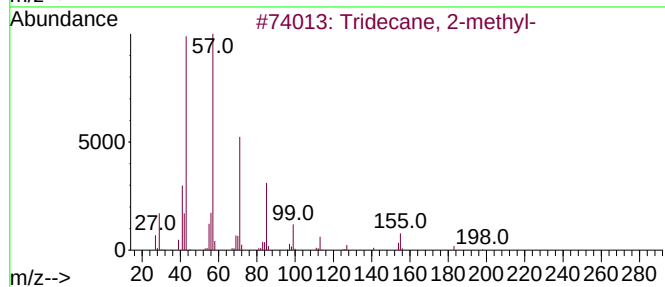
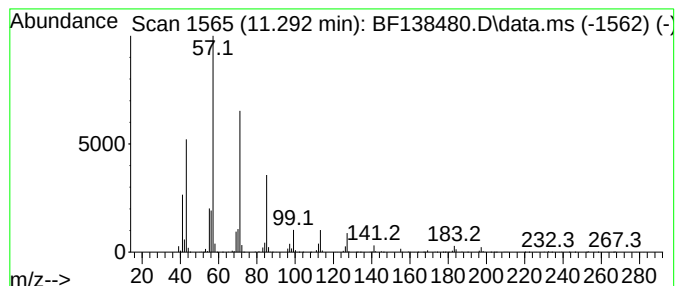
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	50.71 ng	1961880	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	80
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
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Misc :
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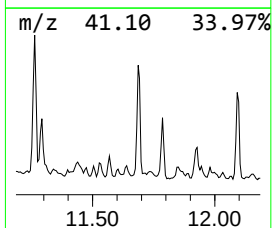
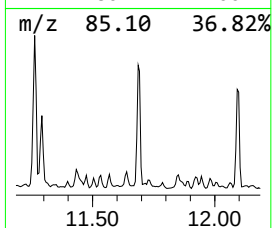
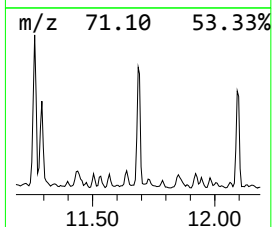
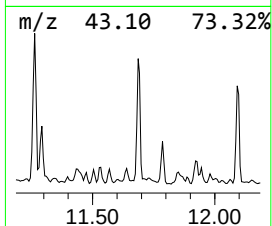
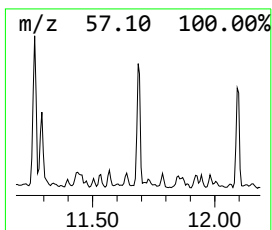
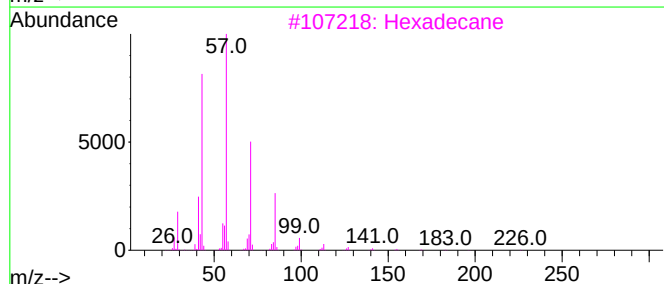
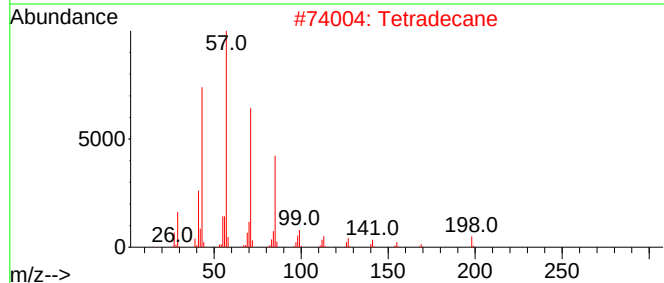
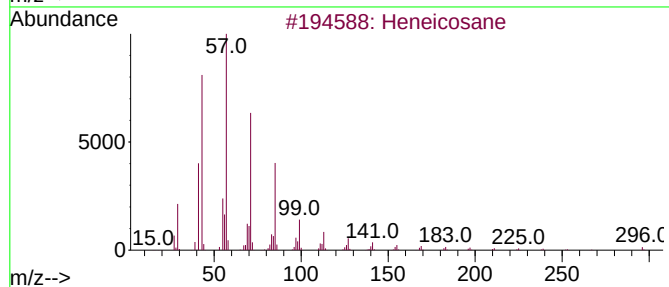
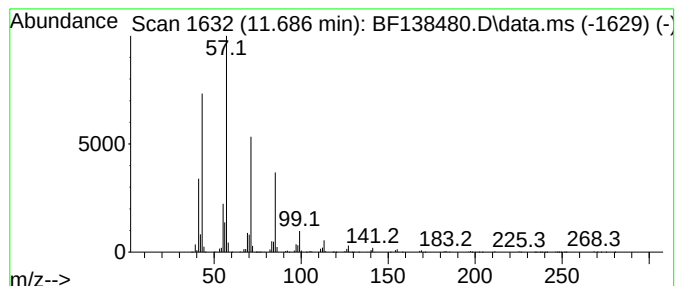
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	73.63 ng	2848660	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
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Acq On : 08 Jul 2024 14:25
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Sample : P3166-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

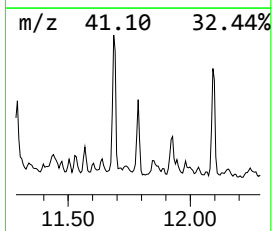
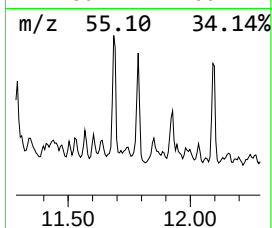
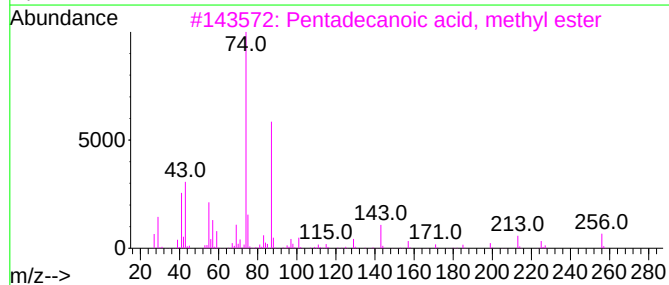
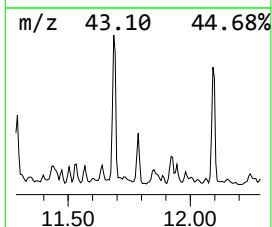
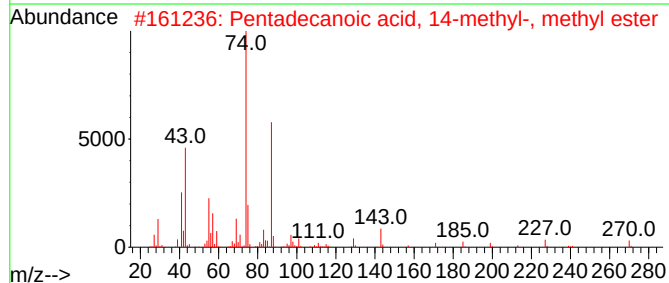
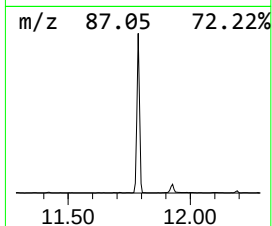
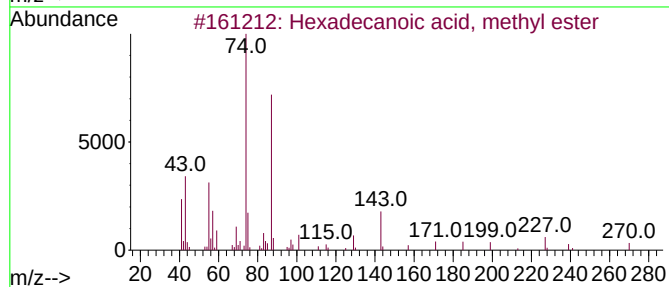
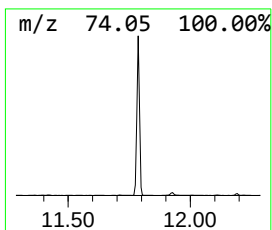
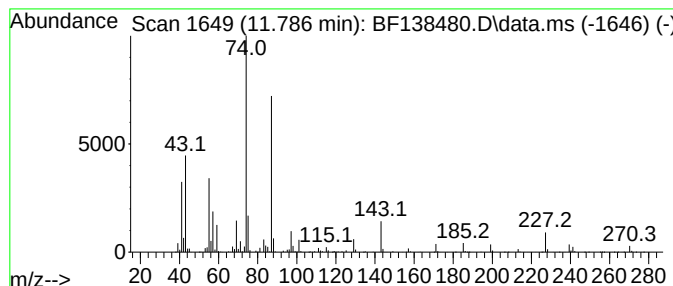
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.786	42.42 ng	1641190	Phenanthrene-d10			11.398
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester		270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...		270	C17H34O2	005129-60-2	97
3	Pentadecanoic acid, methyl ester		256	C16H32O2	007132-64-1	90
4	Dodecanoic acid, 10-methyl-, met...		228	C14H28O2	005129-65-7	87
5	Hexadecanoic acid, 2-methyl-		270	C17H34O2	027147-71-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
Acq On : 08 Jul 2024 14:25
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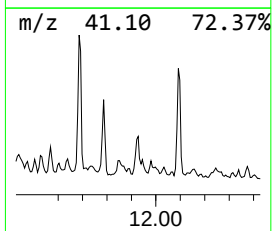
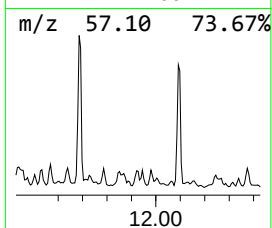
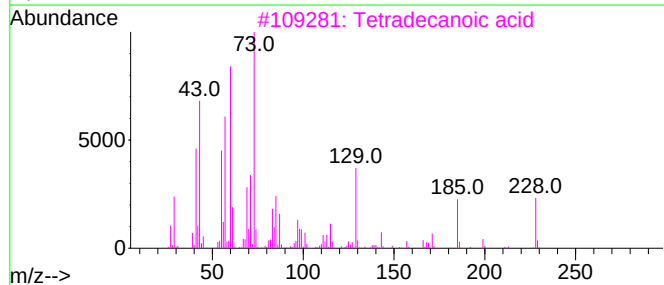
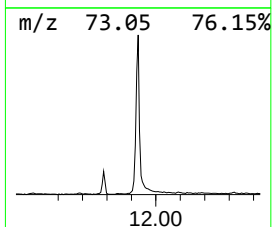
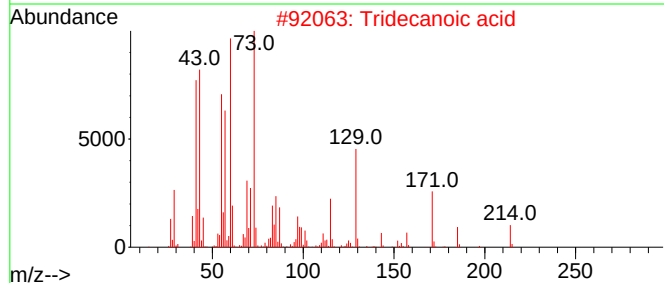
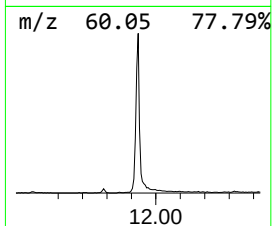
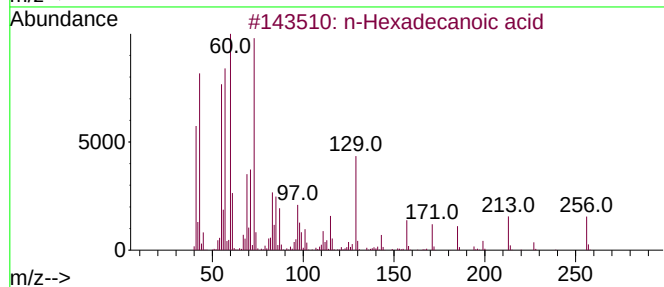
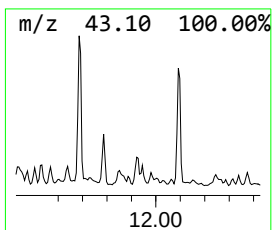
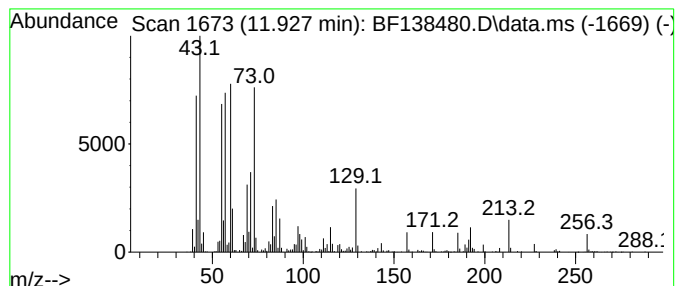
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	26.35 ng	1019410	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			Undecanoic acid	186	C11H22O2	000112-37-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
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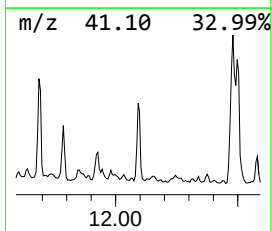
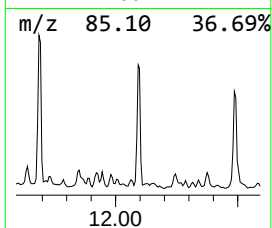
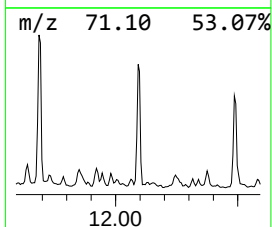
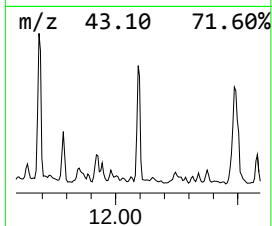
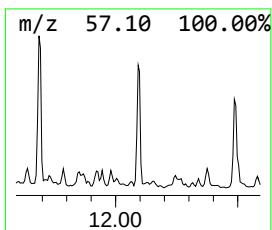
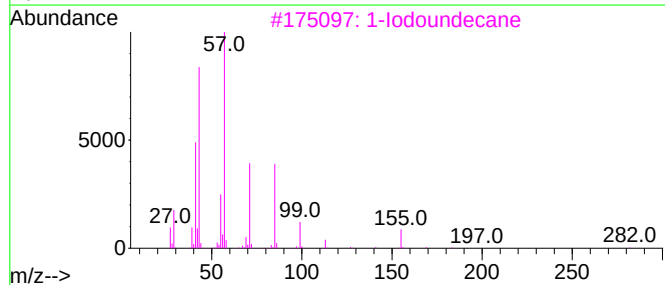
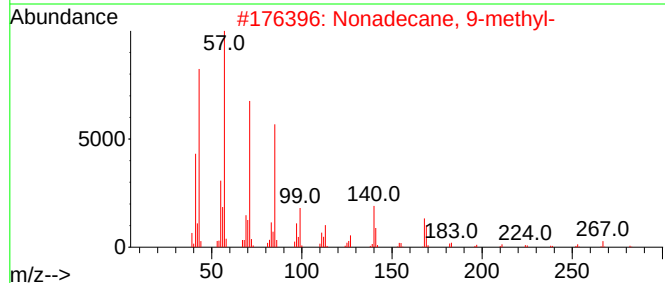
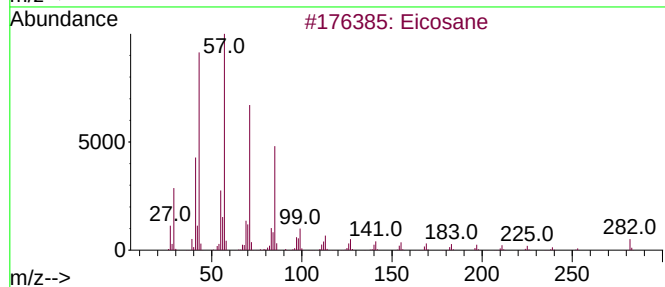
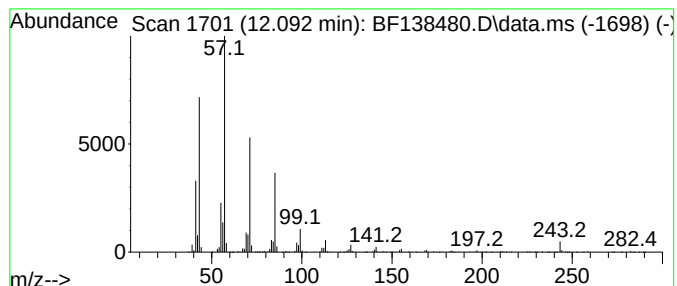
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	66.27 ng	2564190	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	97
2	Nonadecane, 9-methyl-			282	C20H42	013287-24-6	93
3	1-Iodoundecane			282	C11H23I	004282-44-4	92
4	Tetracosane			338	C24H50	000646-31-1	91
5	Heneicosane			296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
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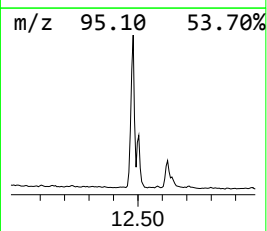
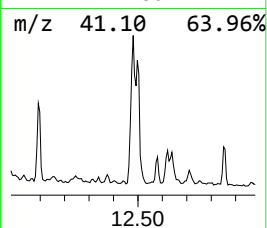
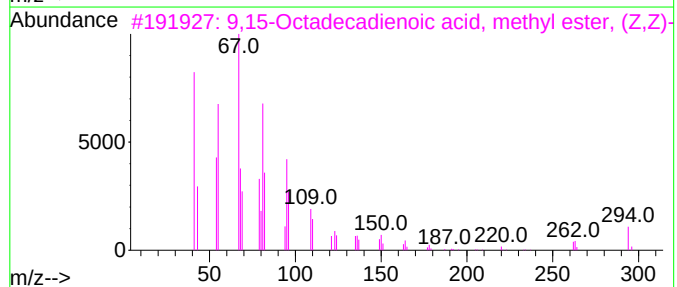
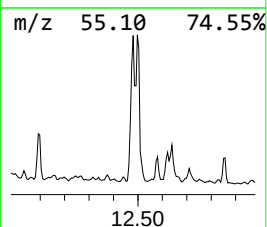
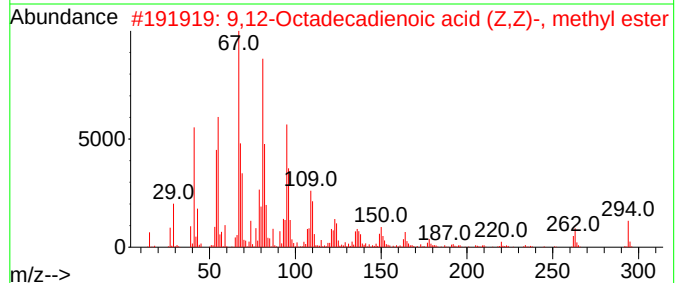
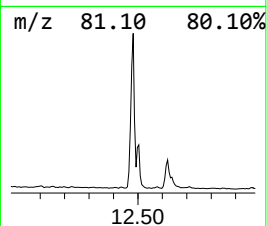
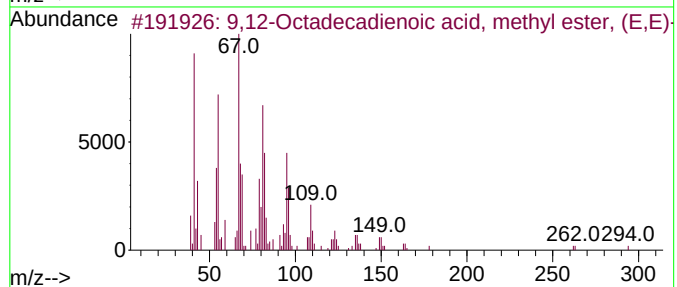
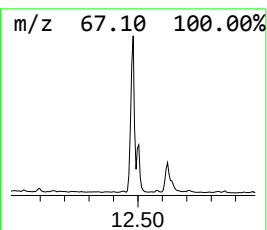
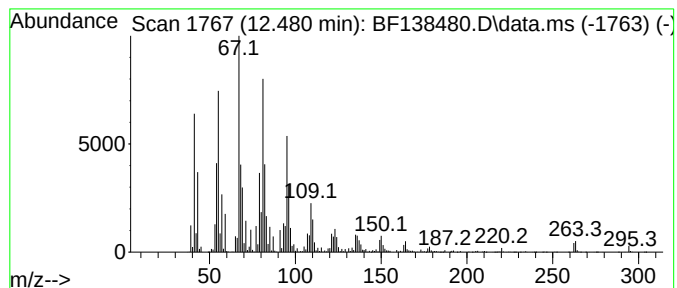
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	204.39 ng	7907970	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
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ALS Vial : 4 Sample Multiplier: 1

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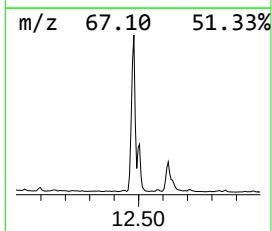
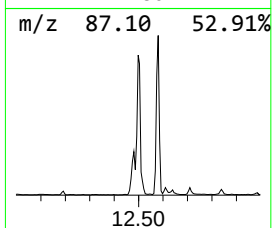
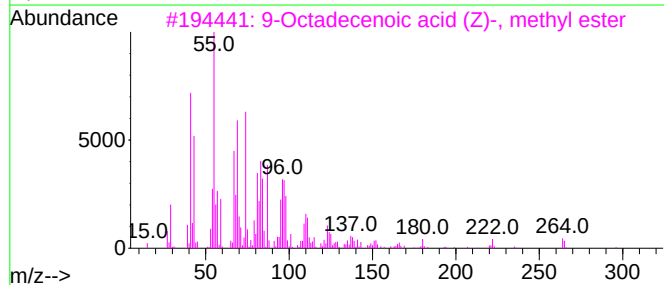
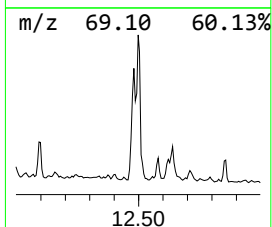
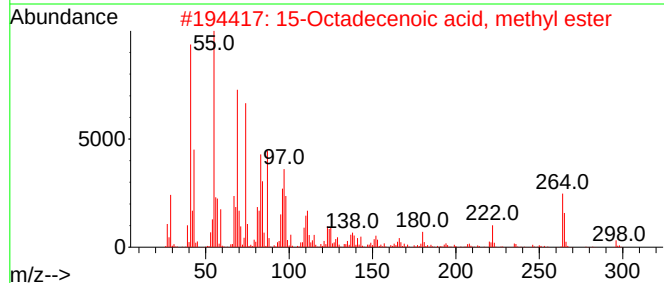
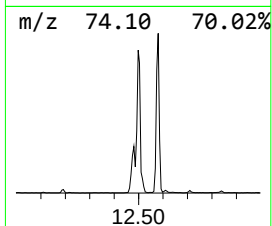
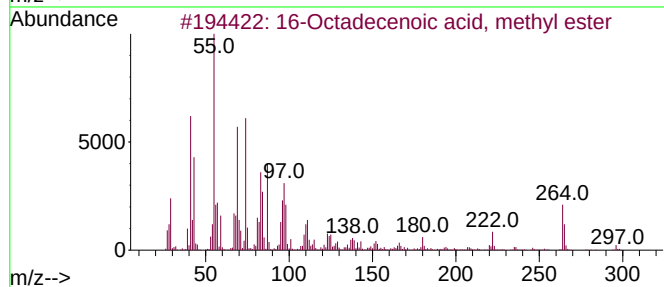
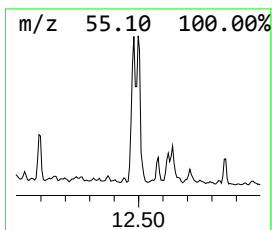
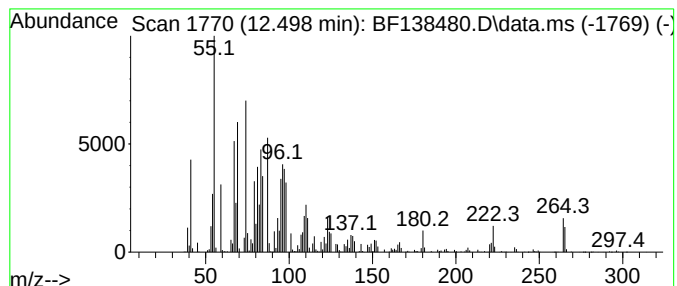
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 16-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	107.77 ng	4169470	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
2			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
3			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
4			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
5			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
Acq On : 08 Jul 2024 14:25
Operator : CG\JU
Sample : P3166-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

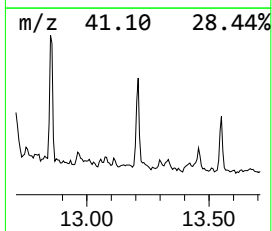
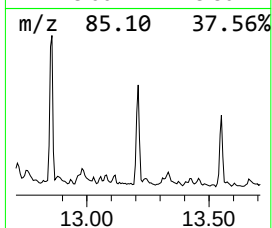
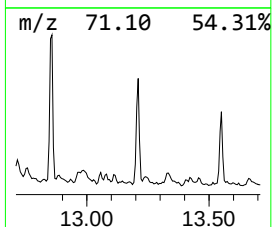
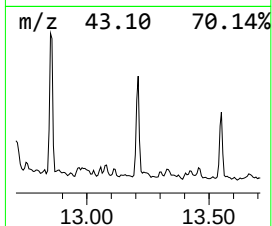
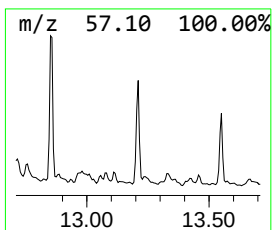
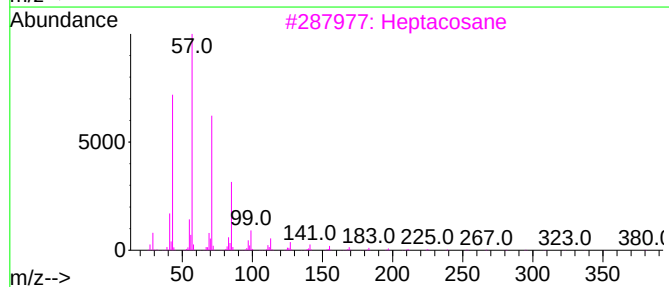
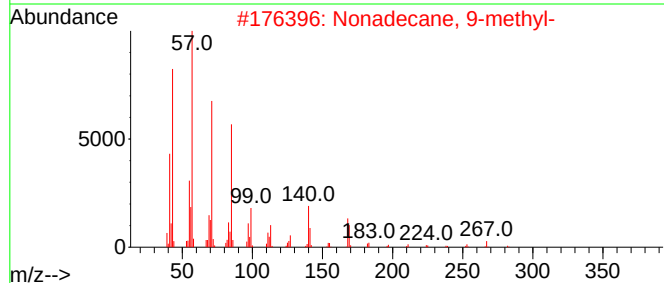
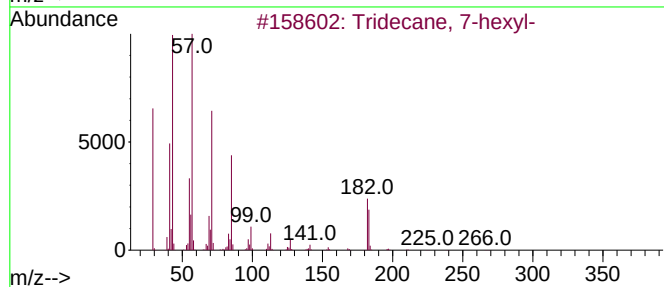
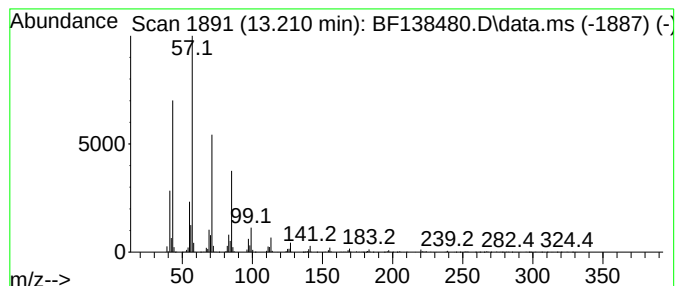
Instrument :
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ClientSampleId :
NB-08-070324

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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 18 Tridecane, 7-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.210	38.73 ng	926778	Chrysene-d12		14.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	96
2	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	93
3	Heptacosane		380	C27H56	000593-49-7	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
Acq On : 08 Jul 2024 14:25
Operator : CG\JU
Sample : P3166-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

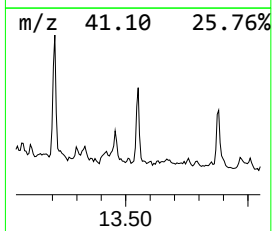
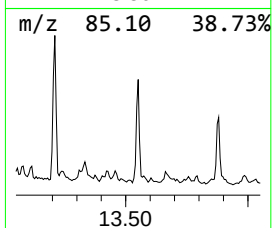
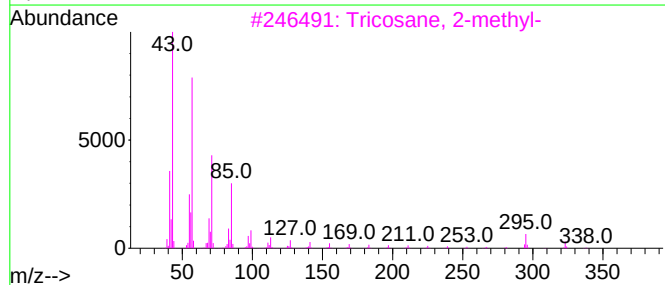
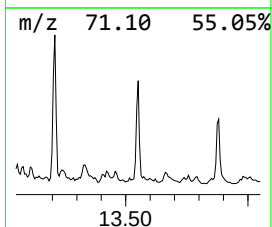
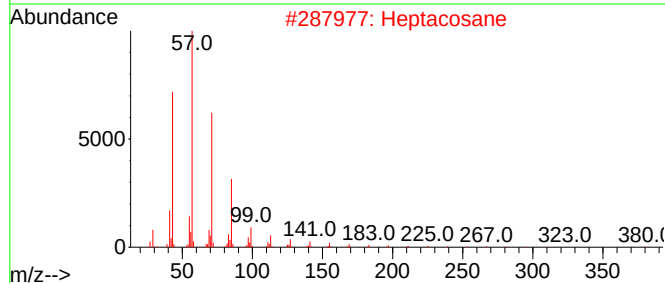
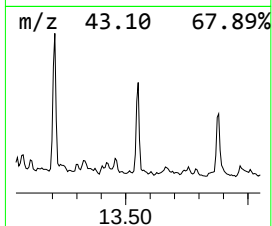
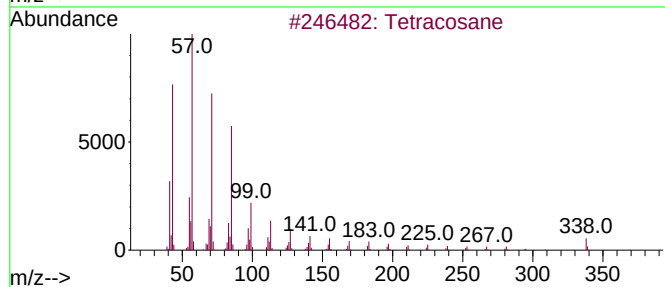
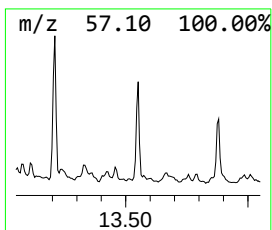
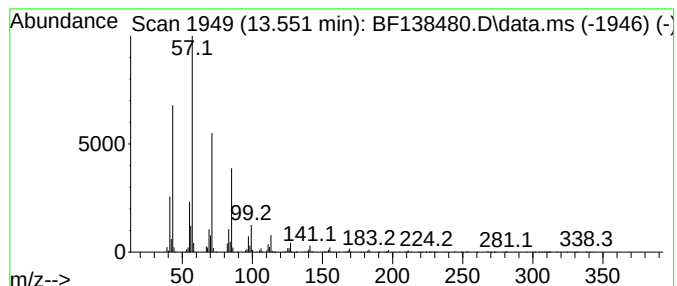
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.551	24.72 ng	591599	Chrysene-d12		14.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	97
2	Heptacosane		380	C27H56	000593-49-7	91
3	Tricosane, 2-methyl-		338	C24H50	001928-30-9	91
4	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	90
5	Pentacosane		352	C25H52	000629-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
Acq On : 08 Jul 2024 14:25
Operator : CG\JU
Sample : P3166-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

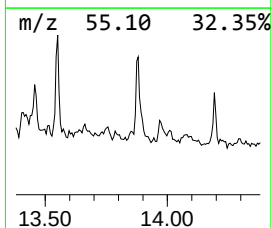
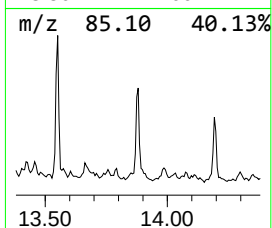
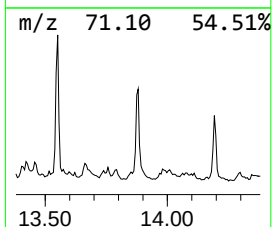
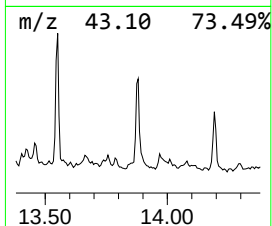
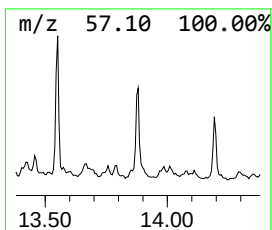
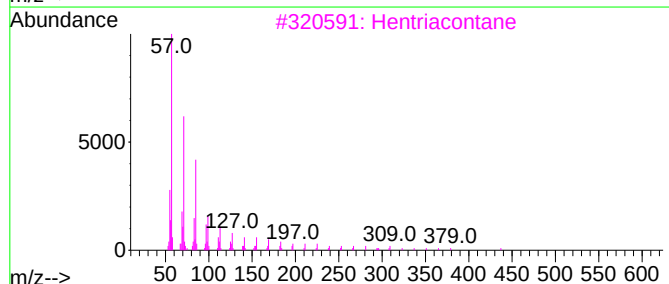
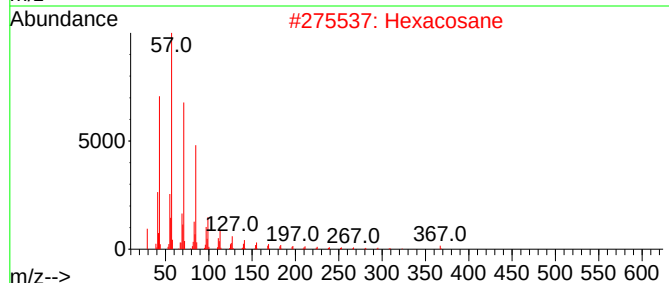
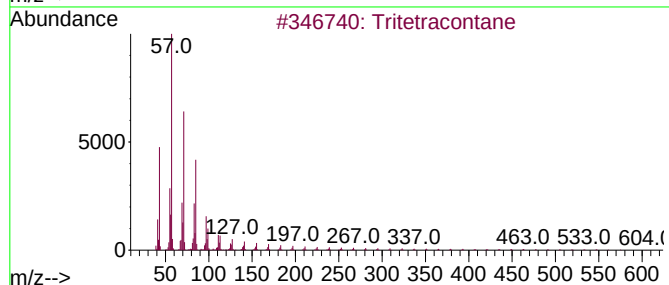
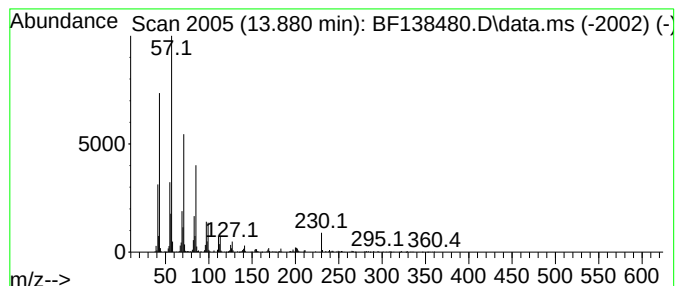
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tritetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.880	29.93 ng	716241	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	91
5	Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
Data File : BF138480.D
Acq On : 08 Jul 2024 14:25
Operator : CG\JU
Sample : P3166-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-070324

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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
Butane, 2-metho...	2.175	58.0	ng	2460140	1	6.875	847532	20.0
Tridecane	8.745	29.1	ng	1490740	2	8.157	1023590	20.0
Tetradecane	9.310	54.0	ng	2860550	3	9.910	1059940	20.0
Decane, 5-propyl-	9.628	37.3	ng	1978060	3	9.910	1059940	20.0
Pentadecane	9.845	67.9	ng	3599820	3	9.910	1059940	20.0
Dodecane	10.157	27.9	ng	1478080	3	9.910	1059940	20.0
Hexadecane	10.345	82.9	ng	4393580	3	9.910	1059940	20.0
Undecane, 2,5-d...	10.563	47.1	ng	2498040	3	9.910	1059940	20.0
Heptadecane	10.816	146.7	ng	5676600	4	11.398	773805	20.0
Octadecane	11.263	89.5	ng	3461930	4	11.398	773805	20.0
Tridecane, 2-me...	11.292	50.7	ng	1961880	4	11.398	773805	20.0
Heneicosane	11.686	73.6	ng	2848660	4	11.398	773805	20.0
Hexadecanoic ac...	11.786	42.4	ng	1641190	4	11.398	773805	20.0
n-Hexadecanoic ...	11.927	26.4	ng	1019410	4	11.398	773805	20.0
Eicosane	12.092	66.3	ng	2564190	4	11.398	773805	20.0
9,12-Octadecadi...	12.480	204.4	ng	7907970	4	11.398	773805	20.0
16-Octadecenoic...	12.498	107.8	ng	4169470	4	11.398	773805	20.0
Tridecane, 7-he...	13.210	38.7	ng	926778	5	14.033	478644	20.0
Tetracosane	13.551	24.7	ng	591599	5	14.033	478644	20.0
Tritetracontane	13.880	29.9	ng	716241	5	14.033	478644	20.0