

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132751.D
 Acq On : 10 Mar 2023 20:18
 Operator : CG\JU
 Sample : 01848-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-03082023

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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.204	440	445	454	rVB	1473583	1677150	54.92%	4.783%
2	5.604	509	513	521	rBV	3362967	3053959	100.00%	8.709%
3	5.993	574	579	584	rVB2	51483	55355	1.81%	0.158%
4	6.604	679	683	697	rBV	2997797	2940546	96.29%	8.385%
5	6.798	714	716	720	rBV	55940	53942	1.77%	0.154%
6	6.981	743	747	750	rBV	1176860	1058403	34.66%	3.018%
7	7.504	831	836	838	rBV2	42286	47373	1.55%	0.135%
8	7.539	838	842	845	rVV	2217468	1921075	62.90%	5.478%
9	7.563	845	846	850	rVB	92227	49230	1.61%	0.140%
10	7.616	850	855	859	rBV6	42251	65010	2.13%	0.185%
11	7.781	879	883	888	rVB5	42395	66829	2.19%	0.191%
12	7.898	901	903	906	rBV2	41775	44998	1.47%	0.128%
13	7.998	917	920	922	rBV	62465	51796	1.70%	0.148%
14	8.228	957	959	962	rBV	118446	115314	3.78%	0.329%
15	8.263	962	965	967	rVV	1597747	1248483	40.88%	3.560%
16	8.287	967	969	971	rVV	165435	136826	4.48%	0.390%
17	8.310	971	973	976	rVB3	109041	85141	2.79%	0.243%
18	8.339	976	978	981	rBV3	39519	42915	1.41%	0.122%
19	8.457	996	998	1001	rVB2	48100	40764	1.33%	0.116%
20	8.545	1009	1013	1018	rVB6	88623	116608	3.82%	0.333%
21	8.604	1018	1023	1025	rBV5	42802	76340	2.50%	0.218%
22	8.669	1032	1034	1037	rVB	132115	90831	2.97%	0.259%
23	8.728	1042	1044	1047	rVB3	39713	35074	1.15%	0.100%
24	8.763	1047	1050	1053	rBV2	98293	84184	2.76%	0.240%
25	8.839	1060	1063	1068	rVB	212444	168595	5.52%	0.481%
26	8.886	1068	1071	1072	rBV2	33032	35793	1.17%	0.102%
27	8.975	1084	1086	1089	rVB	72422	59407	1.95%	0.169%
28	9.034	1093	1096	1099	rBV5	32103	37744	1.24%	0.108%
29	9.081	1101	1104	1106	rVV	120765	104366	3.42%	0.298%
30	9.122	1109	1111	1113	rBV3	54411	47266	1.55%	0.135%
31	9.163	1116	1118	1121	rVB3	55217	63950	2.09%	0.182%
32	9.204	1122	1125	1128	rBV2	91476	89957	2.95%	0.257%
33	9.245	1130	1132	1134	rBV2	40667	35352	1.16%	0.101%
34	9.269	1134	1136	1139	rVB	147307	111180	3.64%	0.317%
35	9.339	1144	1148	1151	rBV	3502773	2960661	96.95%	8.443%
36	9.404	1157	1159	1163	rBV	341811	322883	10.57%	0.921%

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37	9.486	1170	1173	1175	rVB	77930	68043	2.23%	0.194%
38	9.598	1189	1192	1198	rBV5	53971	92718	3.04%	0.264%
39	9.681	1198	1206	1208	rBV5	88941	167077	5.47%	0.476%
40	9.728	1211	1214	1217	rVV2	223736	200098	6.55%	0.571%
41	9.786	1222	1224	1227	rVV3	69735	81443	2.67%	0.232%
42	9.833	1230	1232	1234	rVB	54966	40054	1.31%	0.114%
43	9.880	1237	1240	1243	rBV2	79845	78998	2.59%	0.225%
44	9.939	1246	1250	1253	rVB	346819	312658	10.24%	0.892%
45	9.975	1254	1256	1258	rBV3	35525	38054	1.25%	0.109%
46	10.022	1261	1264	1267	rVV	1391236	1161309	38.03%	3.312%
47	10.057	1267	1270	1273	rVB	108561	102339	3.35%	0.292%
48	10.116	1278	1280	1285	rBV4	34326	51931	1.70%	0.148%
49	10.175	1286	1290	1292	rBV4	56012	82211	2.69%	0.234%
50	10.198	1292	1294	1296	rBV	64928	51775	1.70%	0.148%
51	10.228	1296	1299	1302	rVB2	134386	114804	3.76%	0.327%
52	10.257	1302	1304	1309	rBV3	99260	118748	3.89%	0.339%
53	10.298	1309	1311	1315	rVB	65506	52726	1.73%	0.150%
54	10.339	1315	1318	1320	rBV2	73421	92032	3.01%	0.262%
55	10.439	1331	1335	1338	rBV	431949	343930	11.26%	0.981%
56	10.575	1355	1358	1361	rBV	153889	138239	4.53%	0.394%
57	10.657	1367	1372	1375	rBV2	208630	239532	7.84%	0.683%
58	10.710	1379	1381	1383	rBV2	59610	56995	1.87%	0.163%
59	10.733	1383	1385	1391	rVB3	135809	143457	4.70%	0.409%
60	10.780	1391	1393	1395	rVB2	76346	53005	1.74%	0.151%
61	10.816	1395	1399	1403	rBV	1860129	1599466	52.37%	4.561%
62	10.910	1412	1415	1426	rVB	394476	594508	19.47%	1.695%
63	11.104	1446	1448	1450	rBV	50783	47073	1.54%	0.134%
64	11.198	1462	1464	1468	rVB3	50769	46351	1.52%	0.132%
65	11.239	1468	1471	1473	rBV3	43265	53264	1.74%	0.152%
66	11.363	1489	1492	1495	rBV	326159	263942	8.64%	0.753%
67	11.392	1495	1497	1499	rVV	168713	149491	4.89%	0.426%
68	11.416	1499	1501	1504	rVB	79159	67693	2.22%	0.193%
69	11.522	1515	1519	1521	rBV	1178809	1111546	36.40%	3.170%
70	11.545	1521	1523	1527	rVV	839187	642234	21.03%	1.831%
71	11.592	1529	1531	1536	rVV	166315	155063	5.08%	0.442%
72	11.675	1543	1545	1549	rBV5	42044	45008	1.47%	0.128%
73	11.751	1555	1558	1562	rBV2	104577	112035	3.67%	0.319%
74	11.792	1562	1565	1568	rVV	279827	205945	6.74%	0.587%
75	11.892	1580	1582	1585	rVB	109683	98060	3.21%	0.280%
76	12.027	1602	1605	1607	rBV2	298848	315204	10.32%	0.899%

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77	12.051	1607	1609	1613	rVB	180816	149198	4.89%	0.425%
78	12.139	1620	1624	1626	rBV2	172140	169974	5.57%	0.485%
79	12.204	1632	1635	1637	rBV	257731	225549	7.39%	0.643%
80	12.316	1652	1654	1656	rBV	80255	67214	2.20%	0.192%
81	12.451	1675	1677	1679	rBV	56724	49413	1.62%	0.141%
82	12.586	1695	1700	1702	rBV3	485114	605062	19.81%	1.725%
83	12.692	1716	1718	1723	rVB3	108758	122011	4.00%	0.348%
84	12.739	1723	1726	1731	rBV	1017475	947021	31.01%	2.700%
85	12.822	1738	1740	1742	rBV2	60315	66154	2.17%	0.189%
86	12.974	1760	1766	1772	rBV	1091393	1247495	40.85%	3.557%
87	13.027	1772	1775	1777	rBV2	99532	98447	3.22%	0.281%
88	13.080	1782	1784	1785	rBV	84662	73151	2.40%	0.209%
89	13.110	1785	1789	1792	rVB	3036678	2586254	84.69%	7.375%
90	13.321	1824	1825	1828	rVV	103327	77613	2.54%	0.221%
91	13.369	1831	1833	1835	rVB	157334	118862	3.89%	0.339%
92	14.180	1966	1971	1974	rBV2	959553	1164351	38.13%	3.320%
93	15.727	2231	2234	2238	rVB	547231	716319	23.46%	2.043%

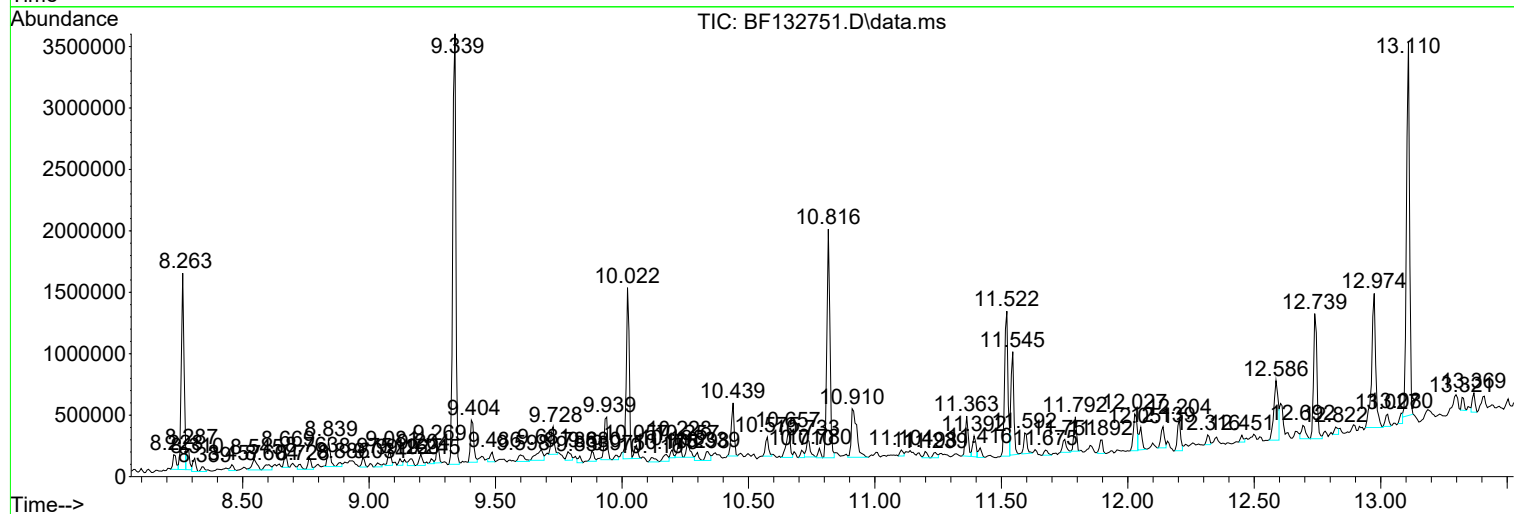
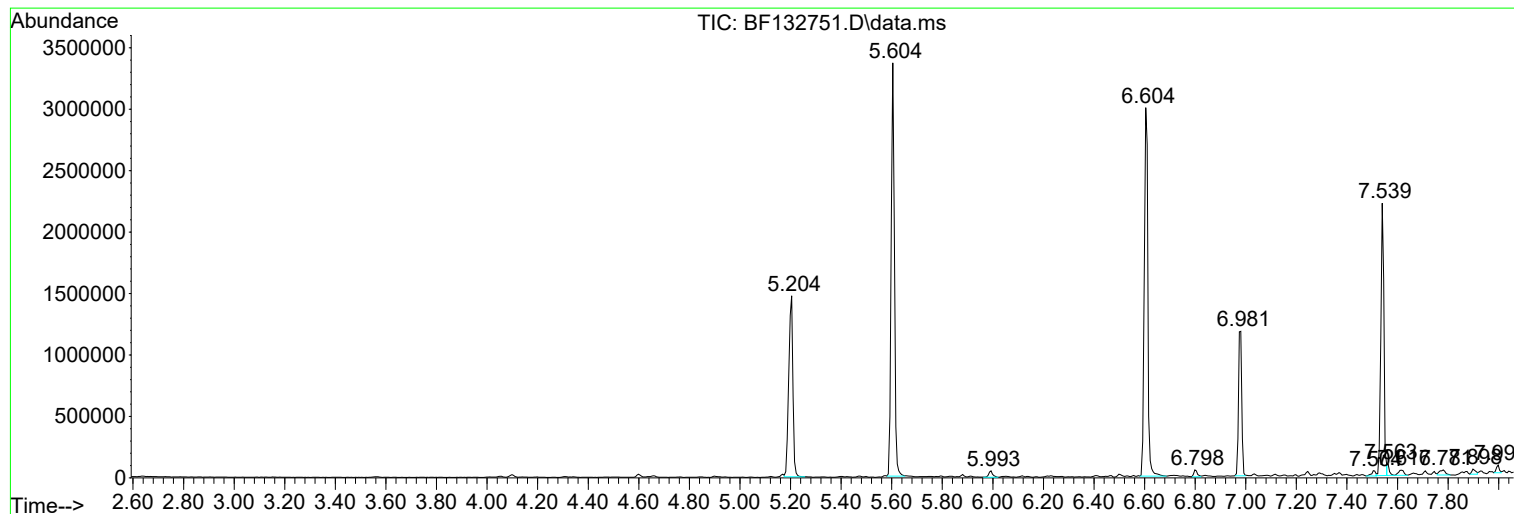
Sum of corrected areas: 35068447

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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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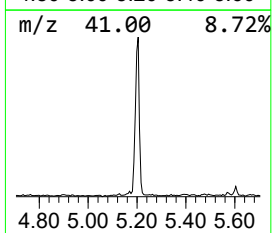
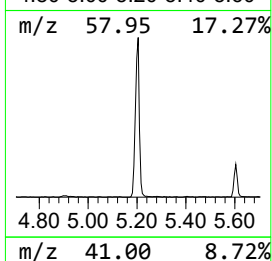
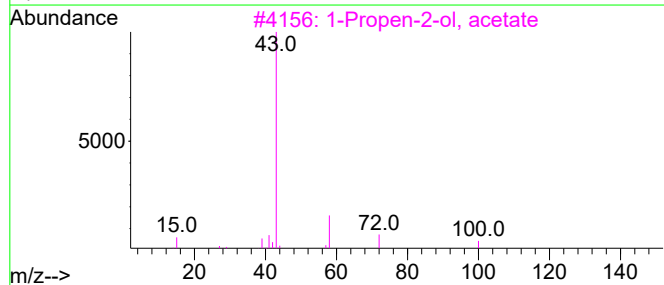
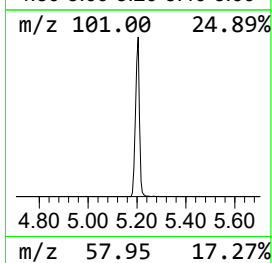
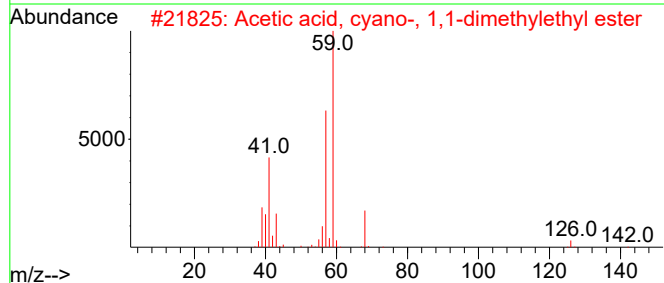
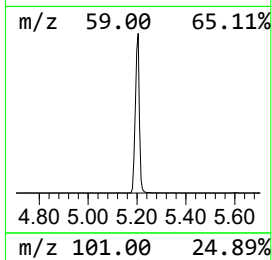
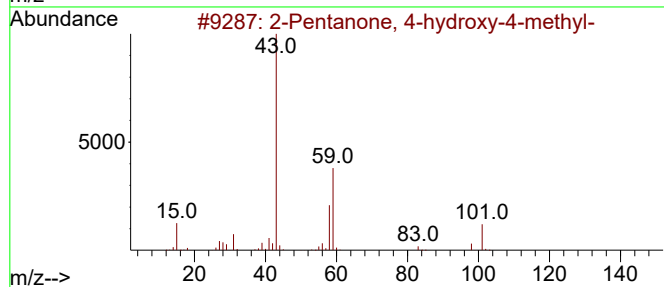
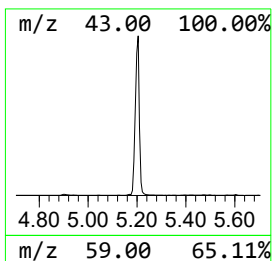
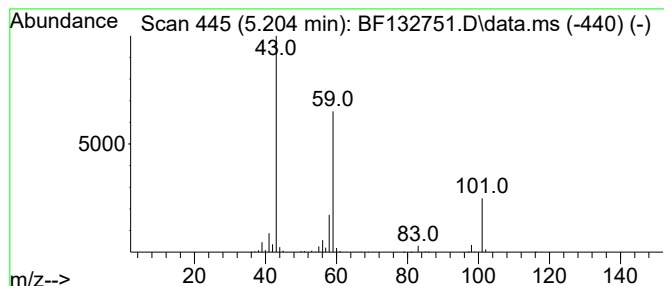
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.204	31.69 ng	1677150	1,4-Dichlorobenzene-d4	6.981

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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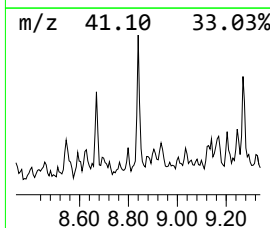
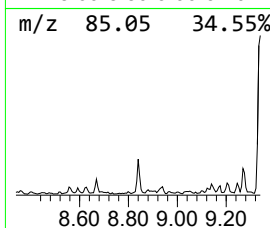
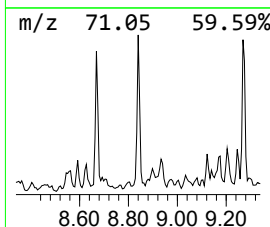
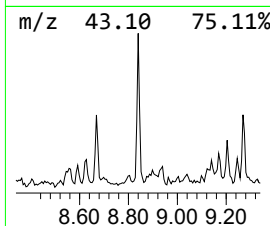
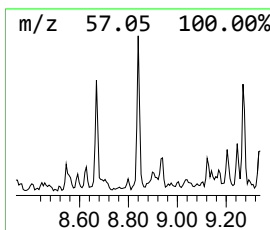
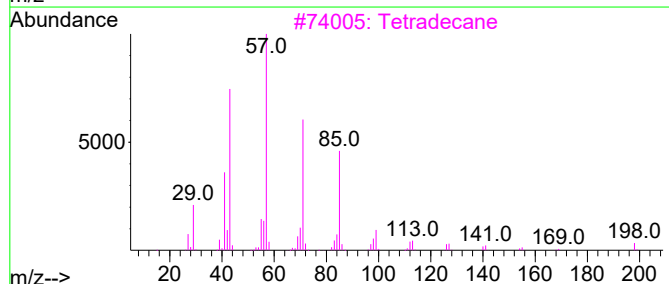
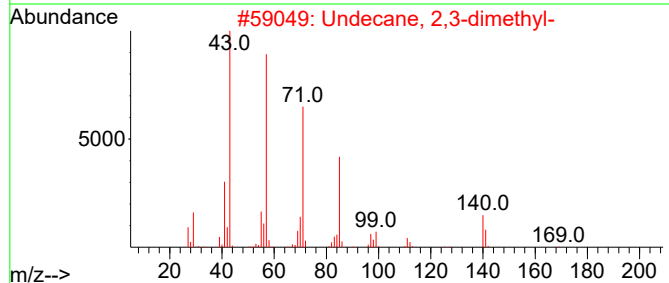
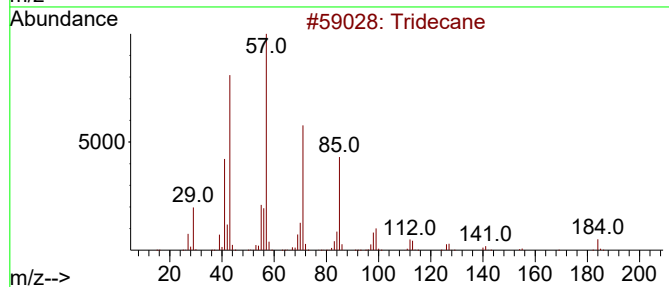
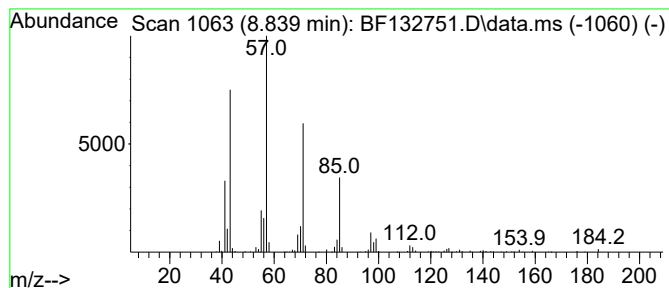
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.839	2.70 ng	168595	Naphthalene-d8	8.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
3			Tetradecane	198	C14H30	000629-59-4	86
4			Hexadecane	226	C16H34	000544-76-3	78
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



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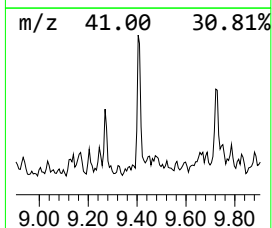
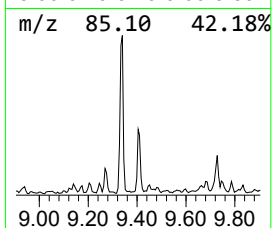
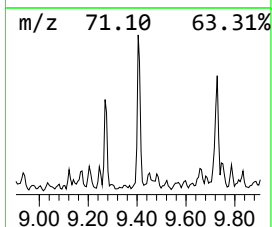
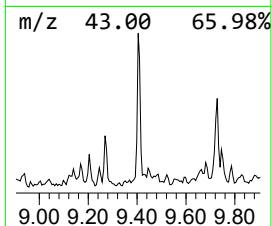
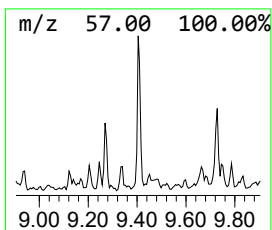
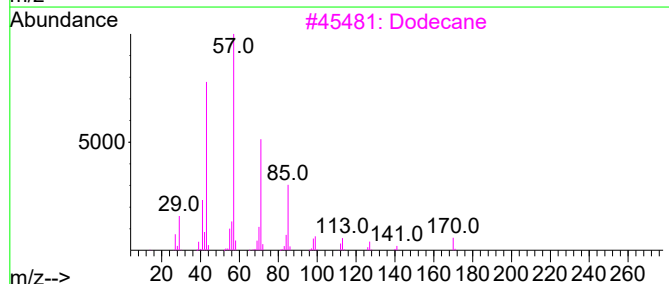
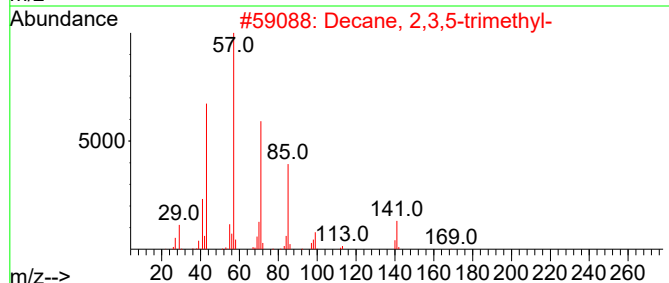
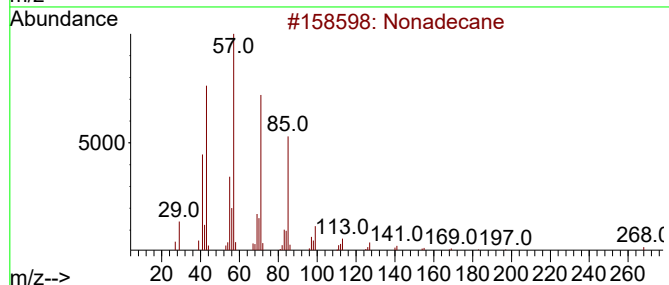
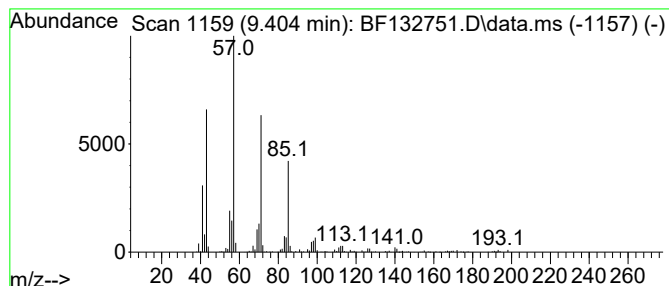
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	5.56 ng	322883	Acenaphthene-d10	10.022

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3			Dodecane	170	C12H26	000112-40-3	83
4			Heneicosane	296	C21H44	000629-94-7	83
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
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Instrument :
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ClientSampleId :
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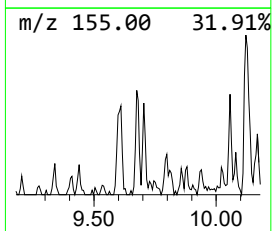
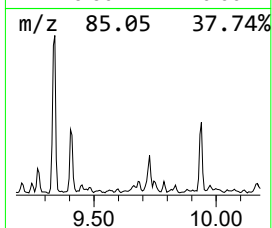
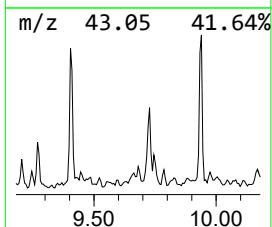
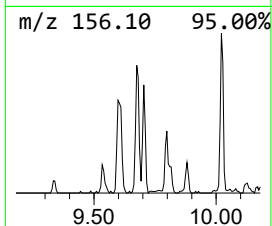
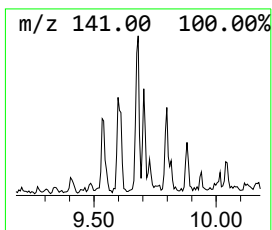
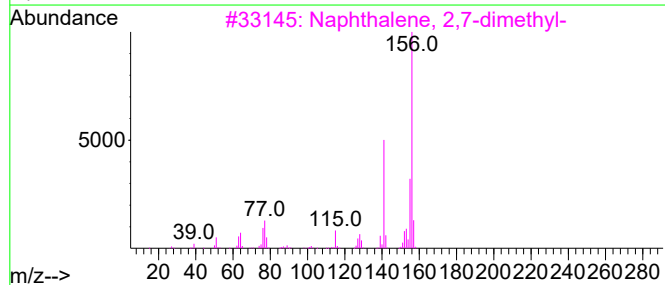
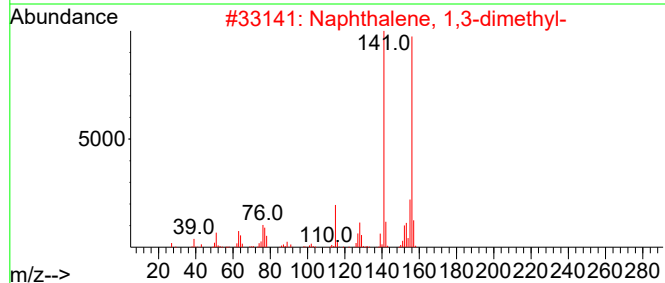
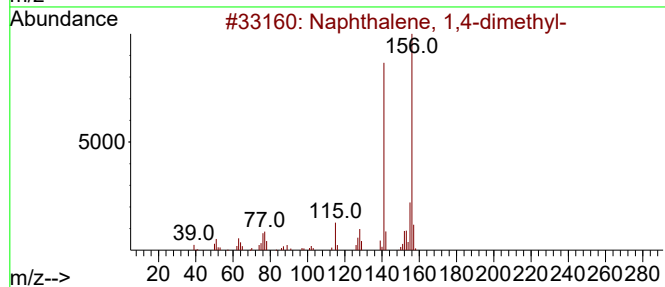
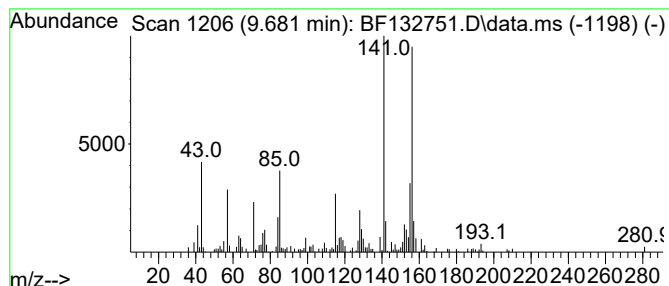
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	2.88 ng	167077	Acenaphthene-d10	10.022

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-03082023

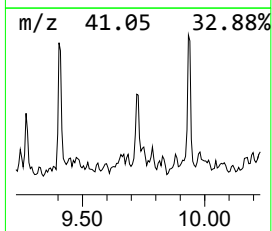
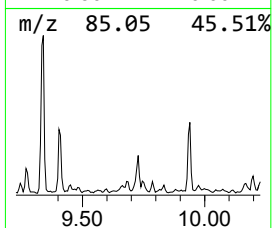
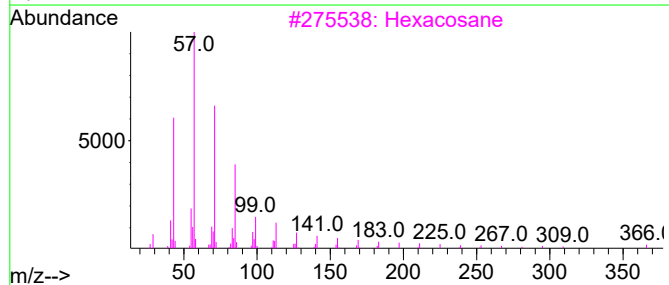
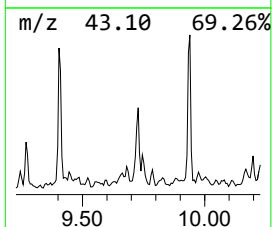
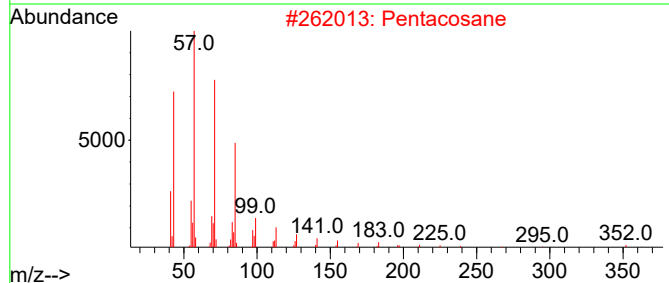
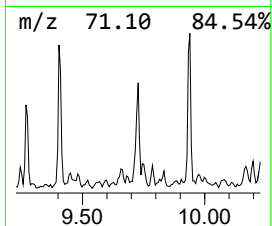
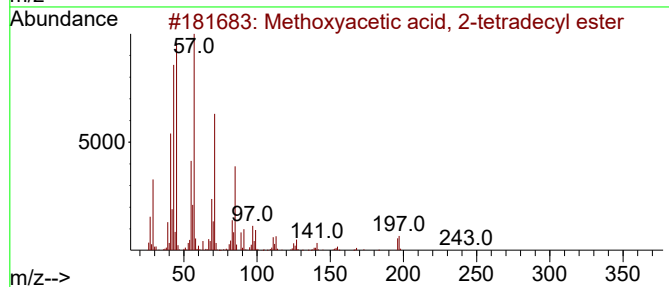
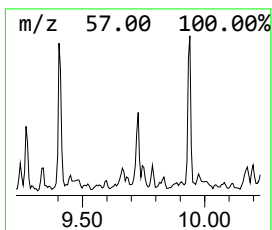
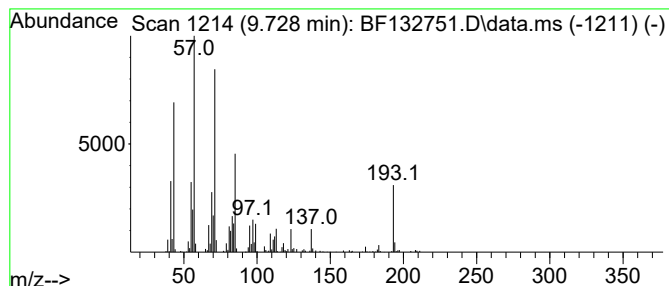
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Methoxyacetic acid, 2-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.728	3.45 ng	200098	Acenaphthene-d10	10.022

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	58
2			Pentacosane	352	C25H52	000629-99-2	58
3			Hexacosane	366	C26H54	000630-01-3	58
4			Nonadecane	268	C19H40	000629-92-5	58
5			Tetratetracontane	619	C44H90	007098-22-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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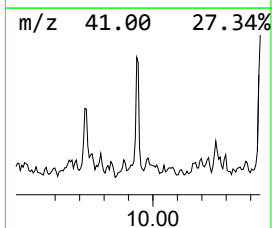
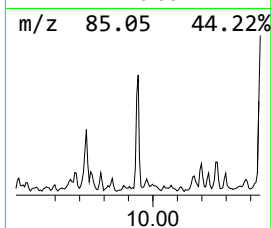
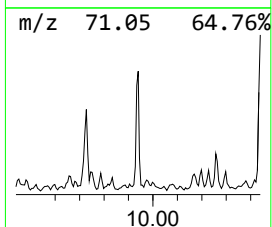
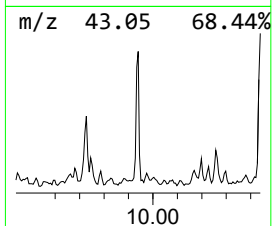
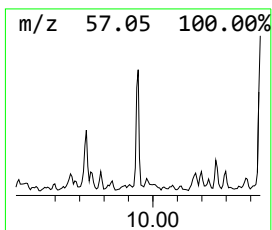
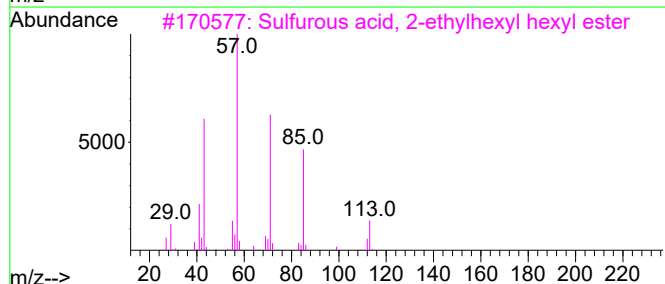
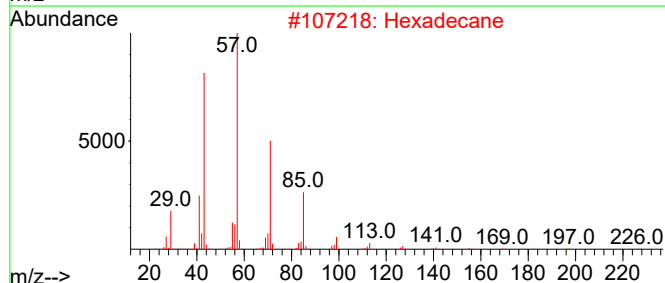
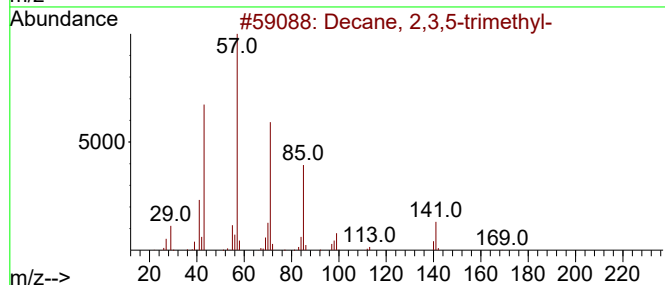
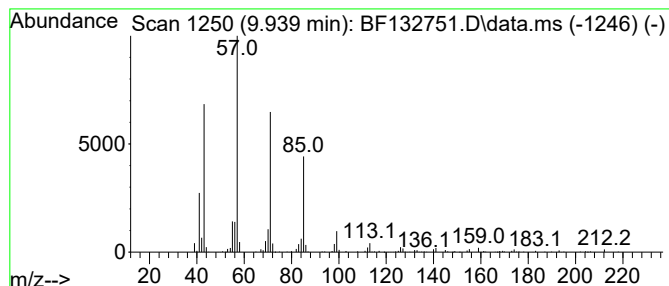
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.939	5.38 ng	312658	Acenaphthene-d10	10.022

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2			Hexadecane	226	C16H34	000544-76-3	80
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
5			Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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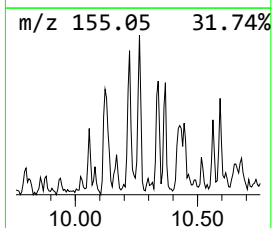
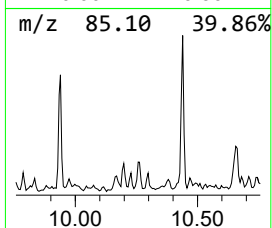
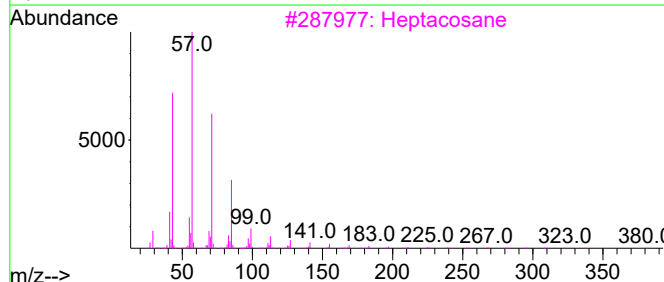
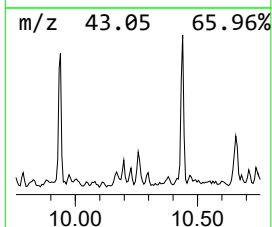
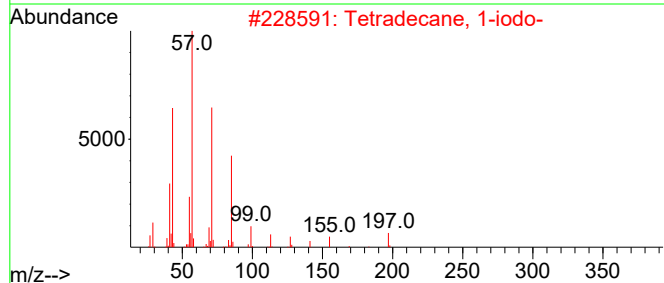
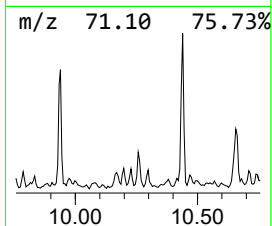
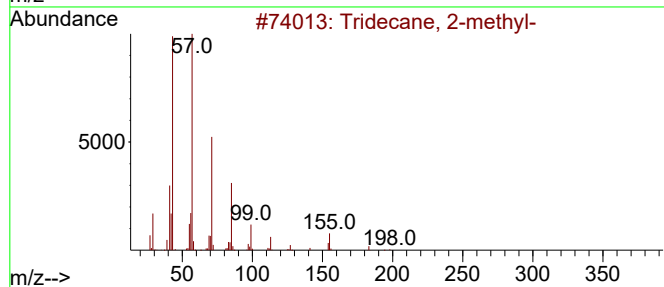
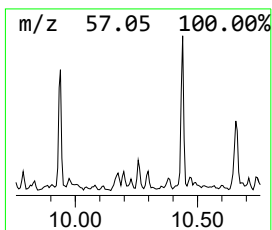
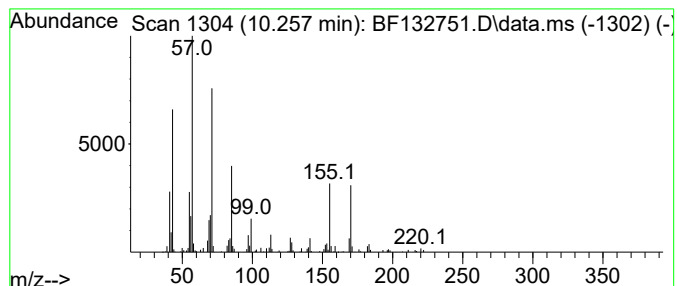
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	2.05 ng	118748	Acenaphthene-d10	10.022

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
3			Heptacosane	380	C27H56	000593-49-7	64
4			Hexacosane	366	C26H54	000630-01-3	64
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
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Instrument :
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ClientSampleId :
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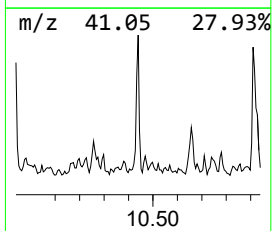
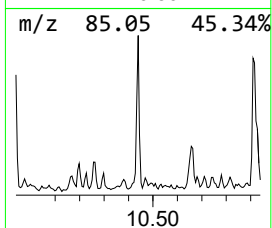
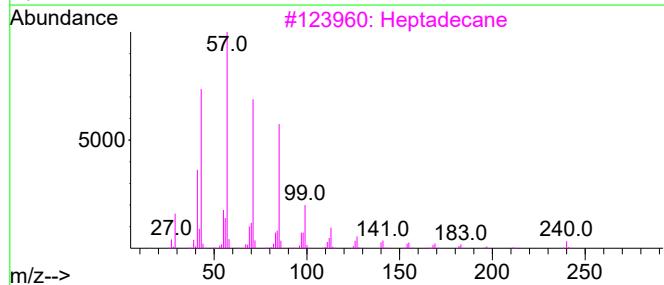
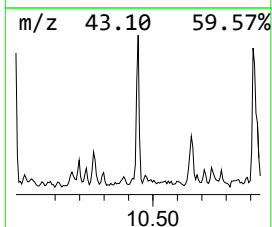
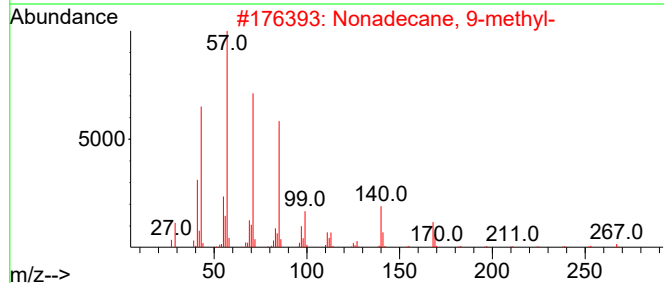
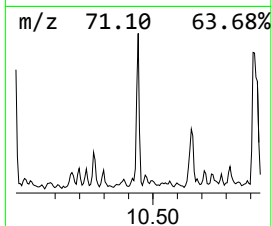
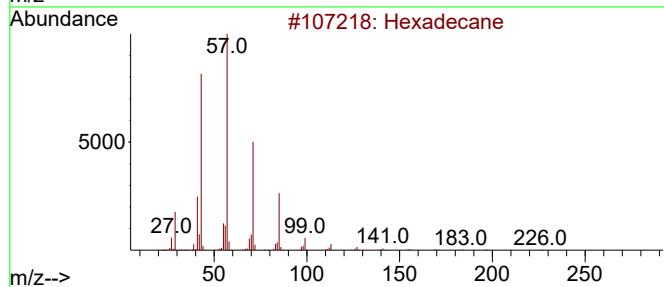
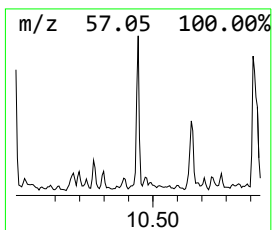
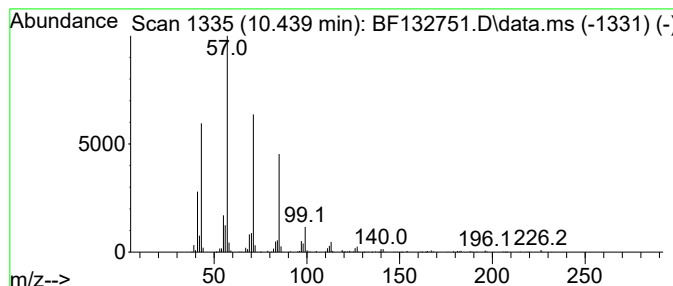
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	5.92 ng	343930	Acenaphthene-d10	10.022

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
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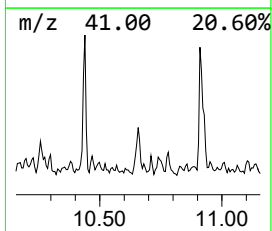
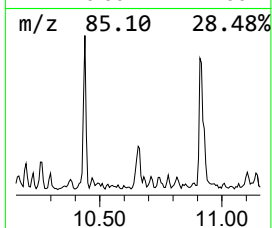
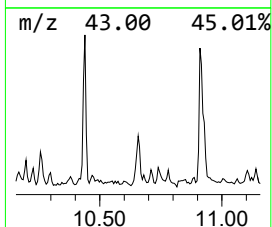
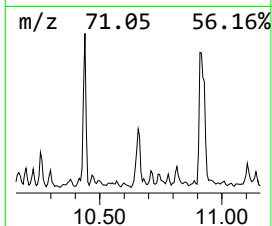
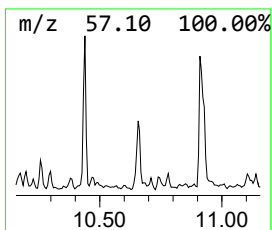
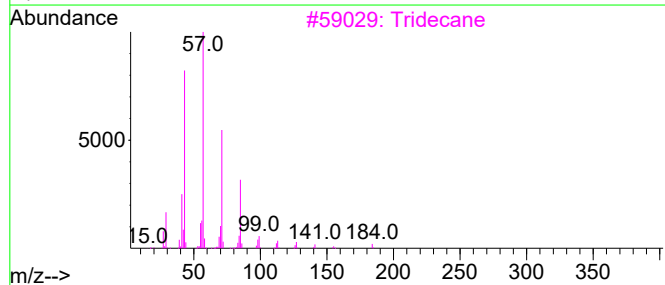
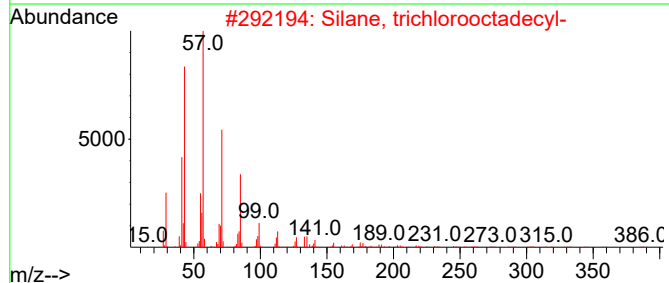
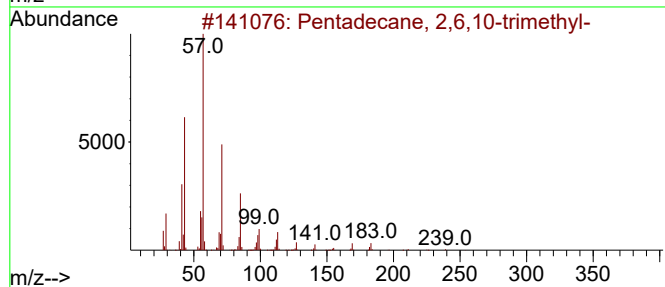
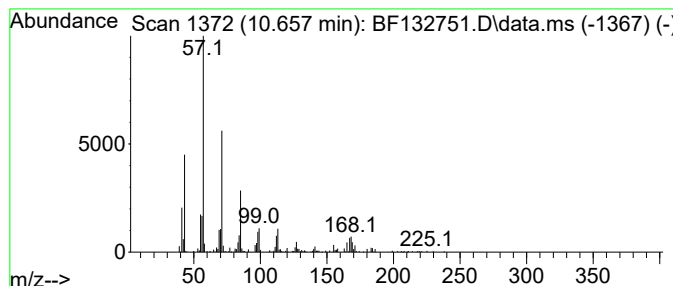
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.657	4.13 ng	239532	Acenaphthene-d10	10.022

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
3			Tridecane	184	C13H28	000629-50-5	81
4			Decane, 2-methyl-	156	C11H24	006975-98-0	81
5			Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
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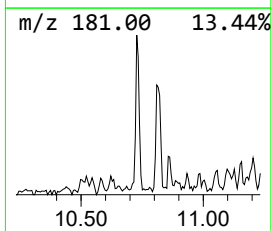
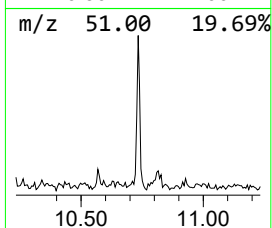
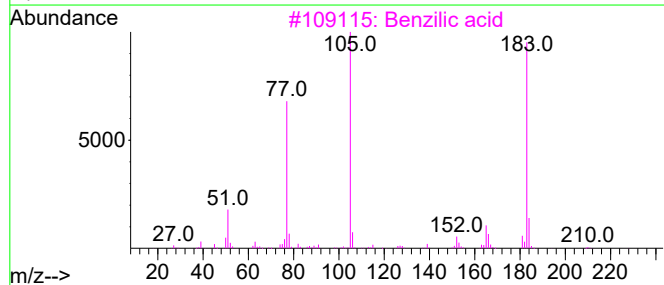
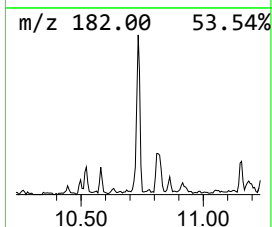
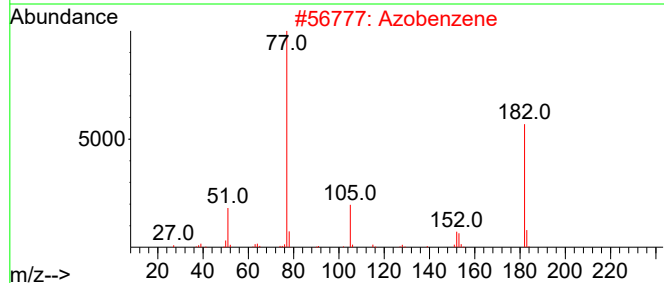
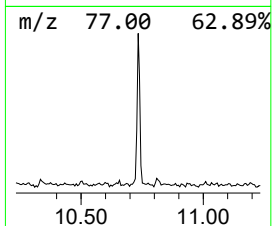
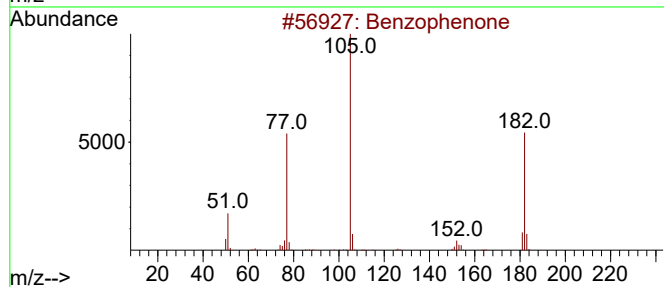
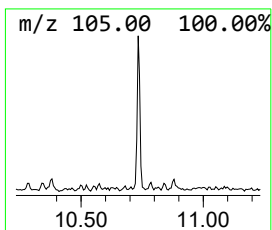
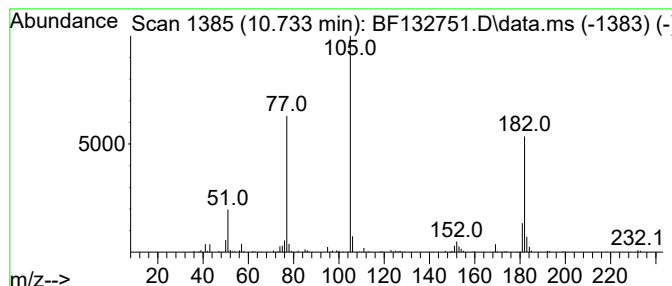
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	2.47 ng	143457	Acenaphthene-d10	10.022

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Azobenzene	182	C12H10N2	000103-33-3	53
3			Benzilic acid	228	C14H12O3	000076-93-7	47
4			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
5			Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

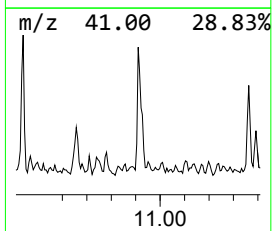
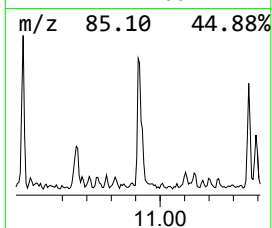
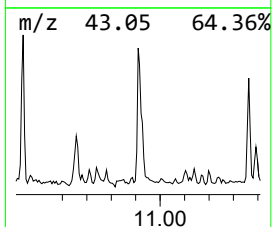
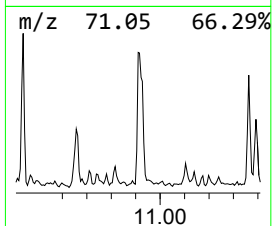
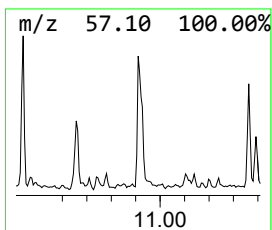
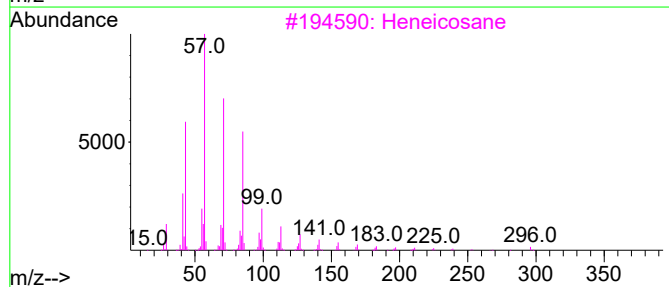
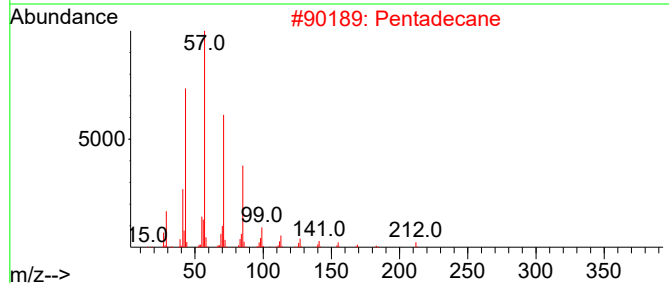
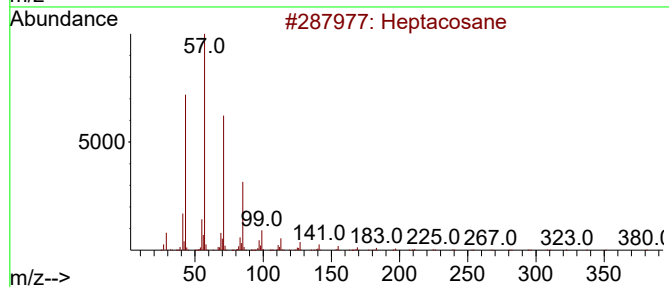
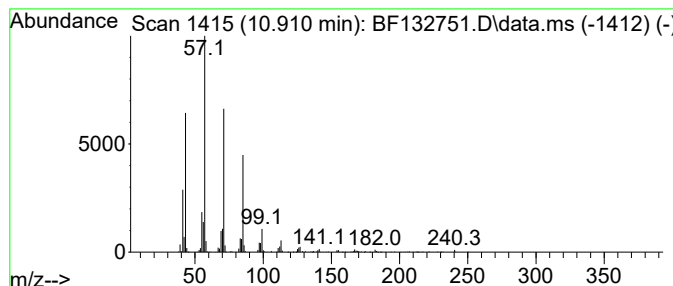
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	10.70 ng	594508	Phenanthrene-d10	11.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Pentadecane	212	C15H32	000629-62-9	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
5			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
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Operator : CG\JU
Sample : 01848-01
Misc :
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Instrument :
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ClientSampleId :
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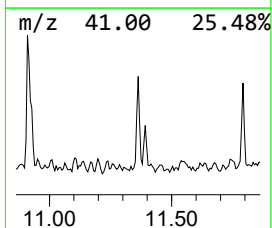
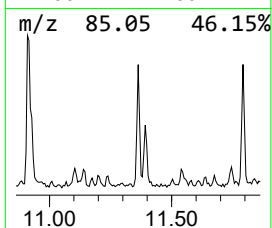
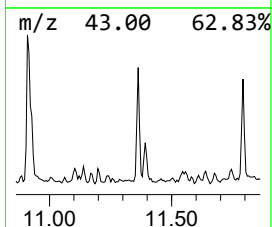
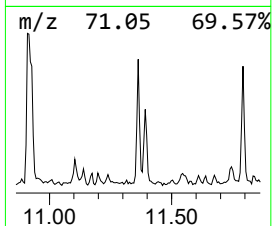
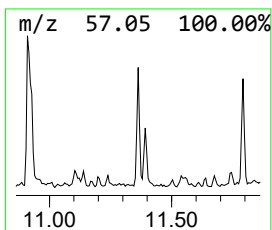
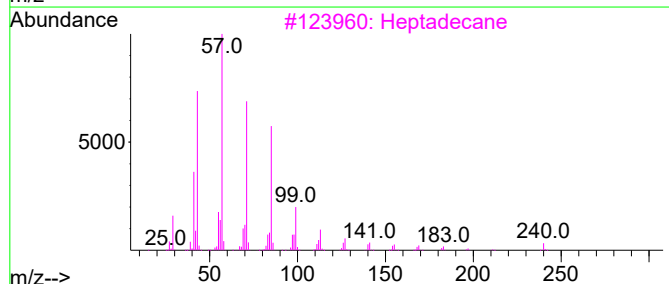
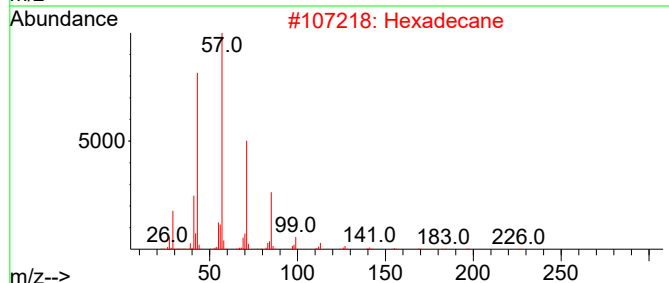
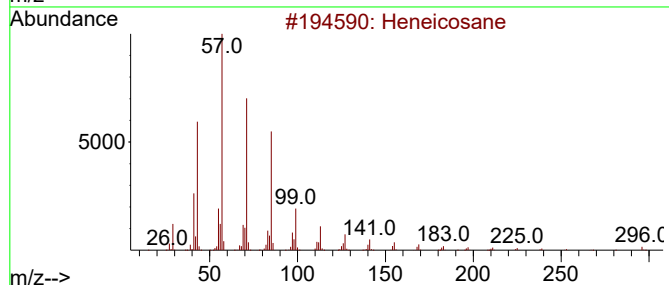
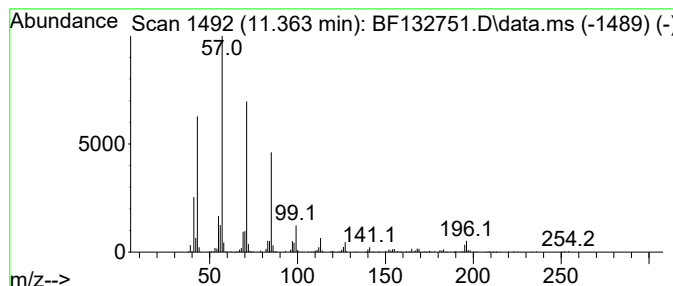
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.363	4.75 ng	263942	Phenanthrene-d10	11.522

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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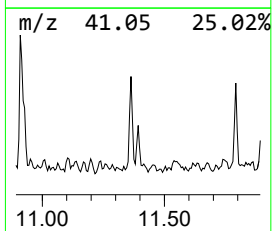
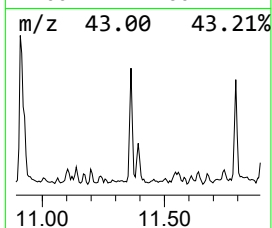
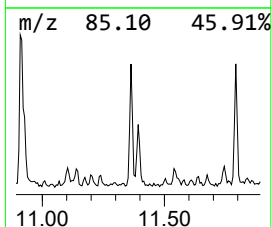
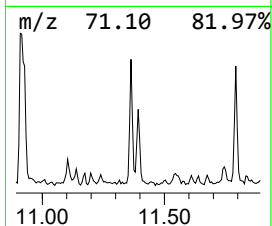
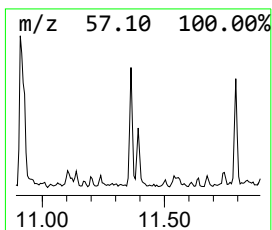
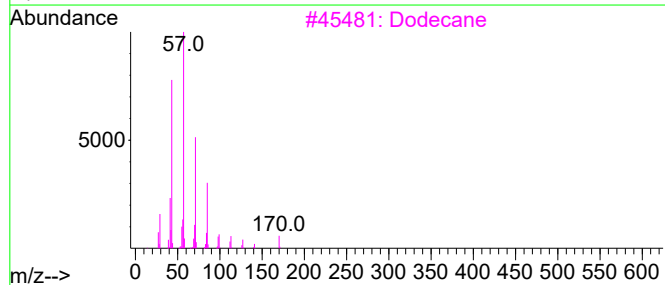
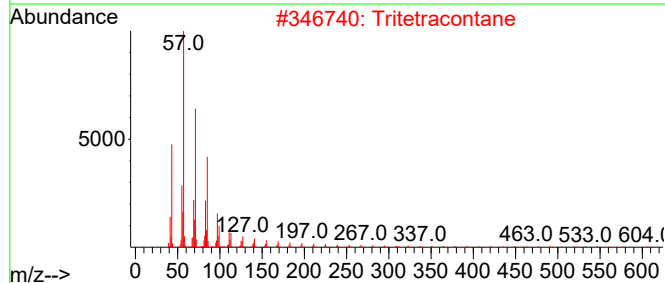
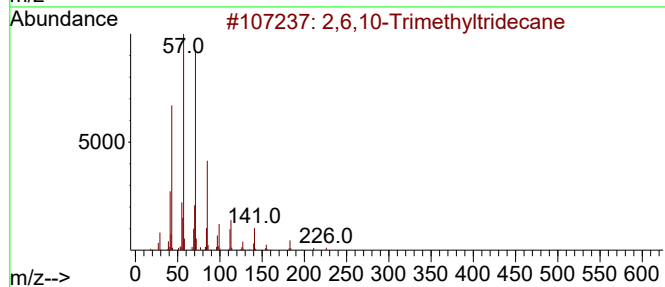
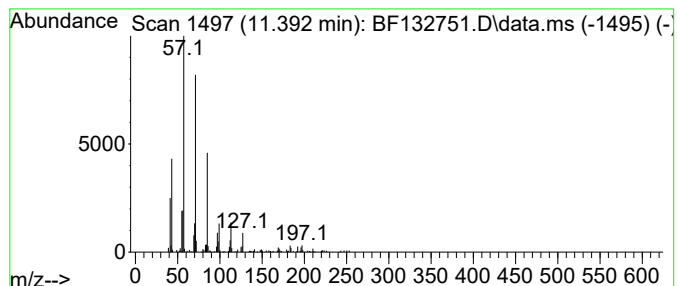
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2,6,10-Trimethyltridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.392	2.69 ng	149491	Phenanthrene-d10	11.522

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	91
2		Tritetracontane	605	C43H88	007098-21-7	90
3		Dodecane	170	C12H26	000112-40-3	87
4		Pentacosane	352	C25H52	000629-99-2	86
5		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
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Acq On : 10 Mar 2023 20:18
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Sample : 01848-01
Misc :
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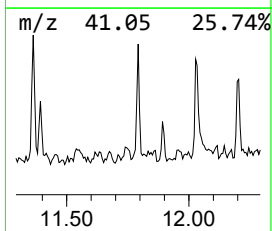
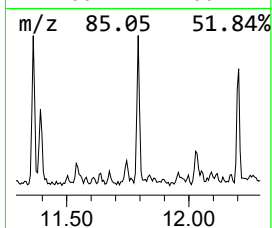
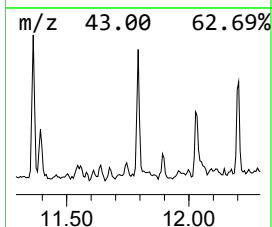
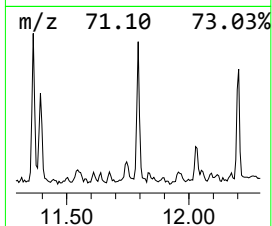
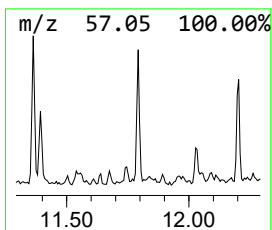
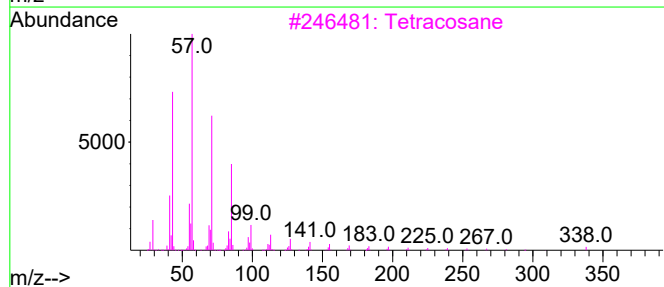
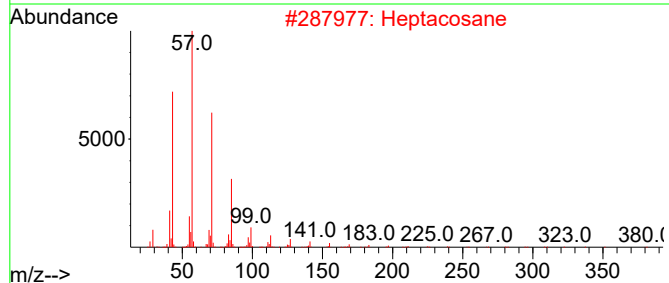
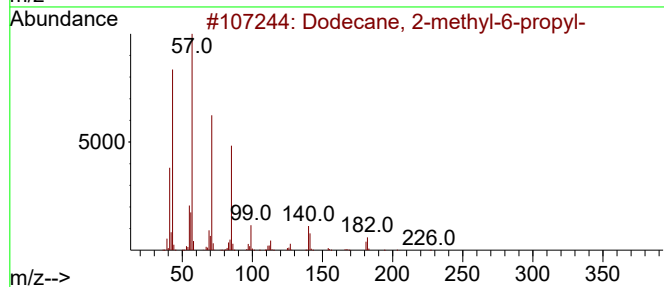
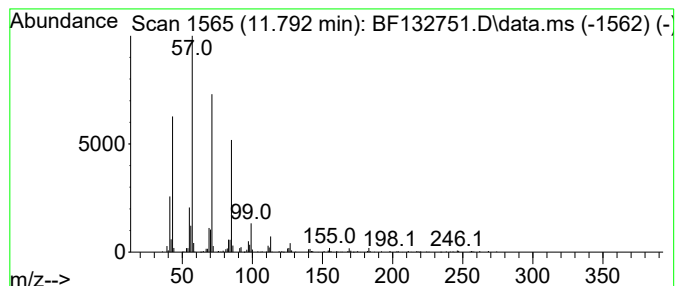
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.792	3.71 ng	205945	Phenanthrene-d10	11.522	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetracosane	338	C24H50	000646-31-1	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
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Acq On : 10 Mar 2023 20:18
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Sample : 01848-01
Misc :
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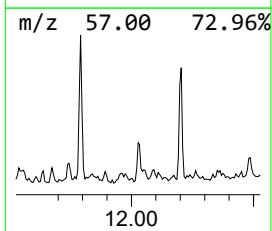
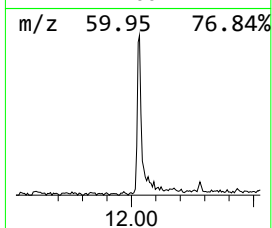
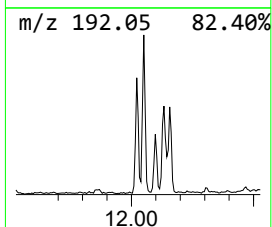
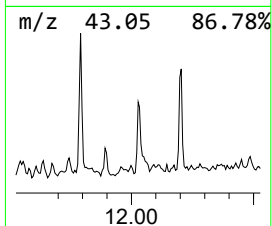
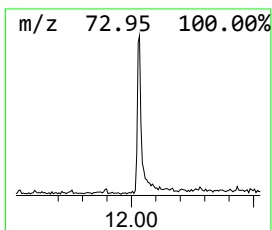
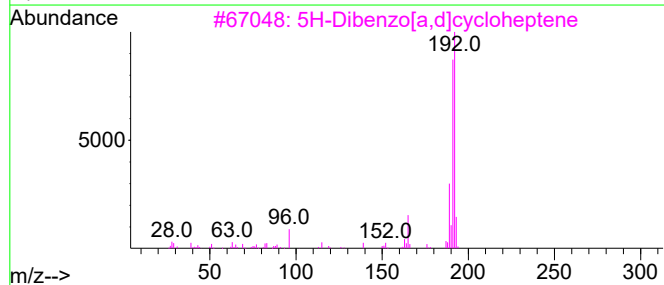
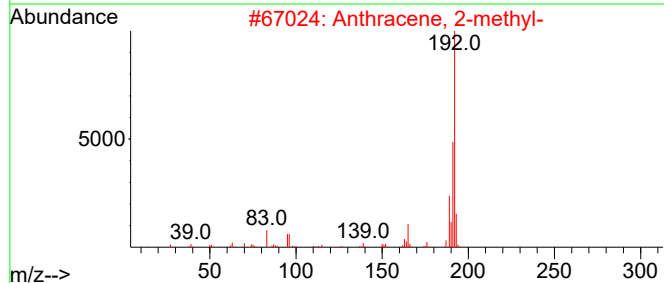
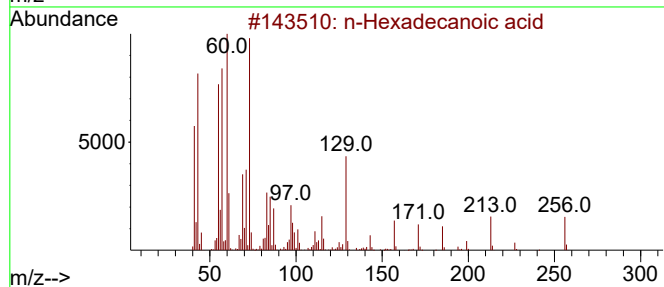
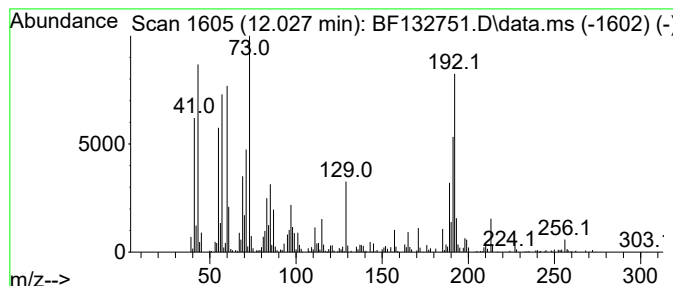
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.027	5.67 ng	315204	Phenanthrene-d10	11.522	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	68
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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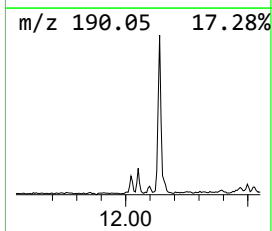
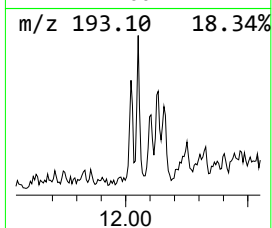
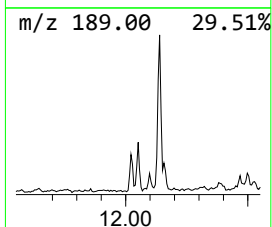
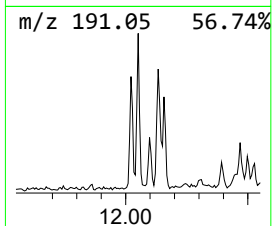
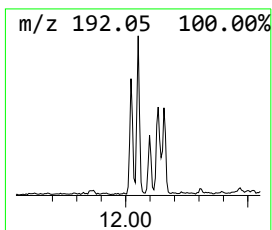
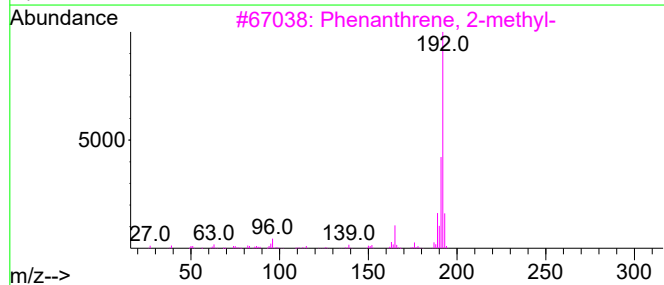
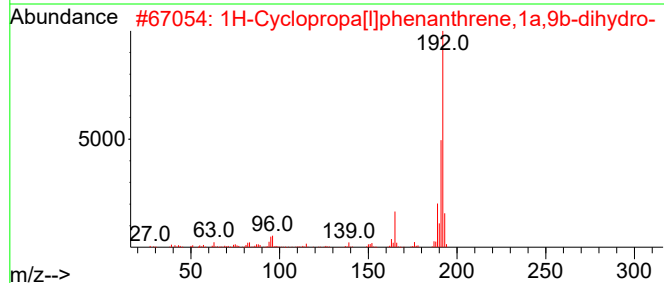
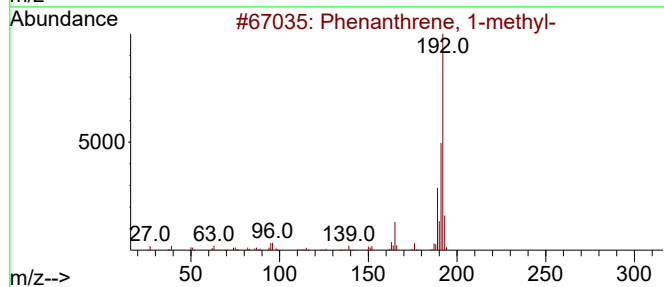
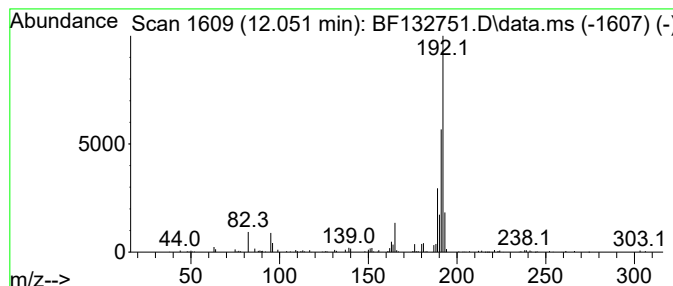
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	2.68 ng	149198	Phenanthrene-d10	11.522

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

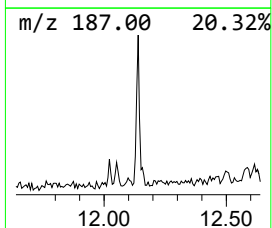
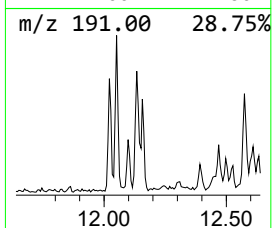
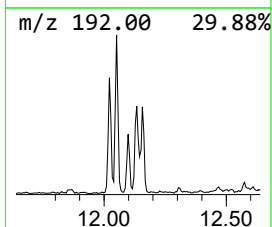
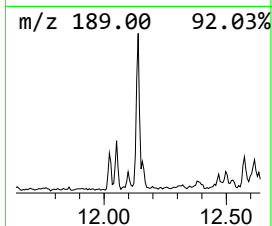
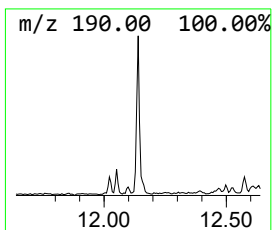
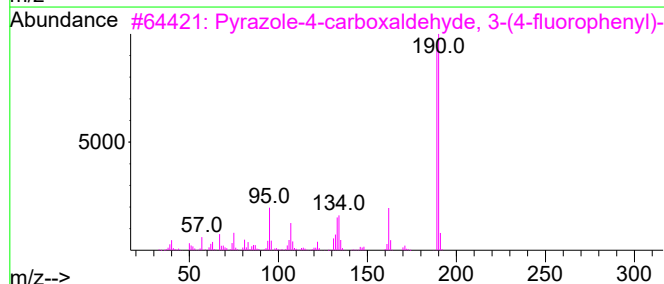
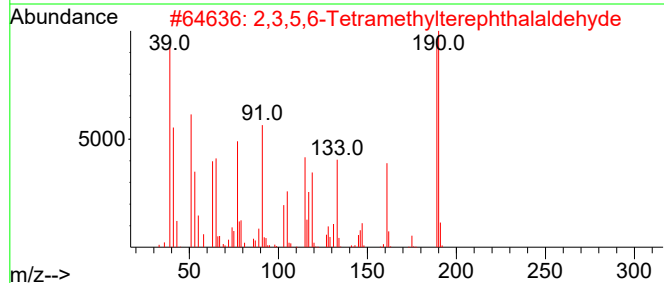
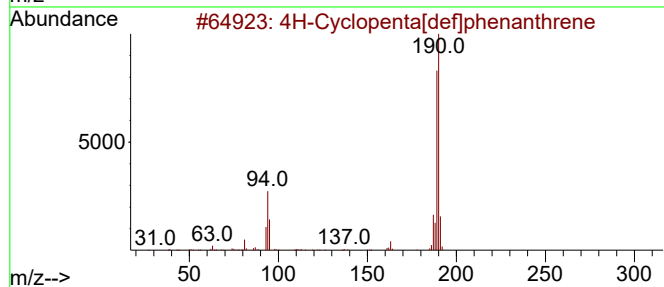
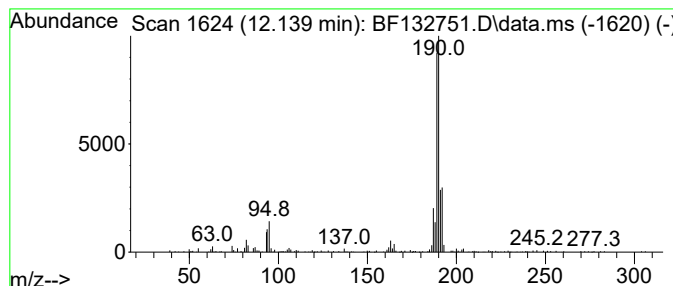
Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.139	3.06 ng	169974	Phenanthrene-d10	11.522	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	8H-Cyclopenta[d][1,2,4]triazolo[...	190	C9H10N4O	1000337-56-4	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

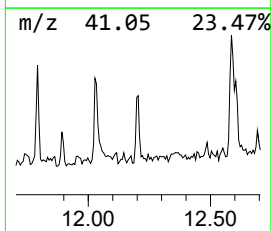
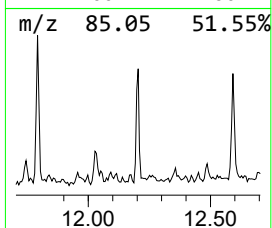
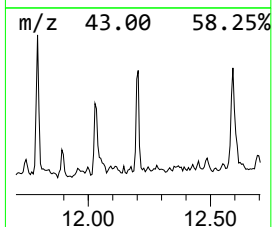
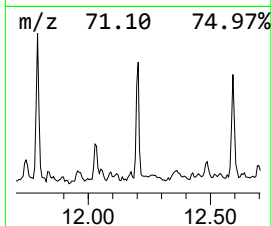
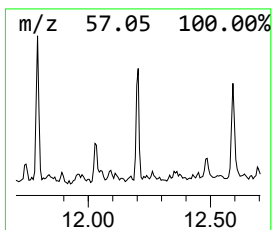
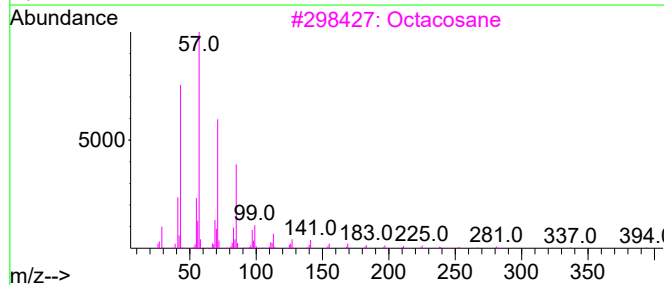
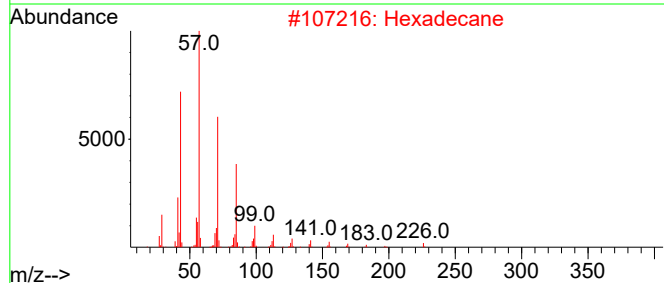
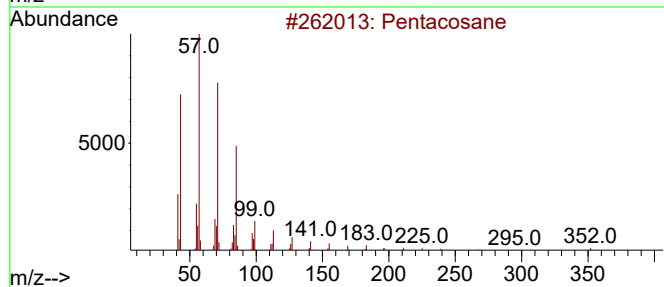
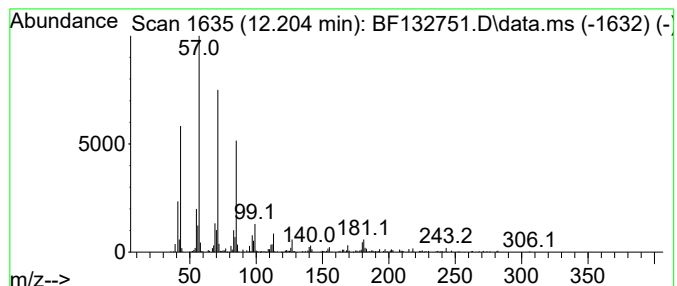
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	4.06 ng	225549	Phenanthrene-d10	11.522

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentacosane	352	C25H52	000629-99-2	90
2		Hexadecane	226	C16H34	000544-76-3	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

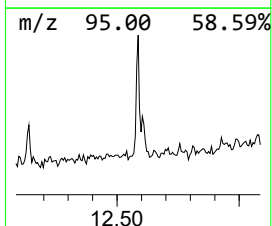
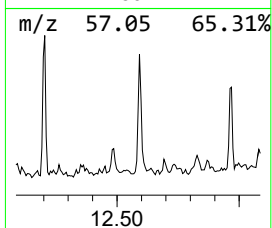
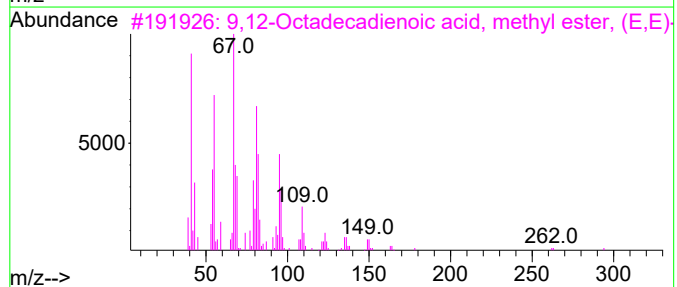
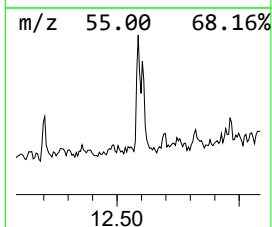
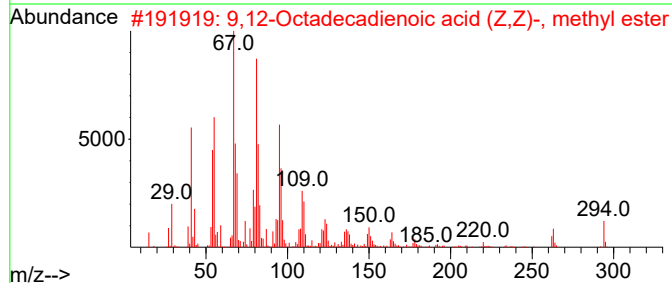
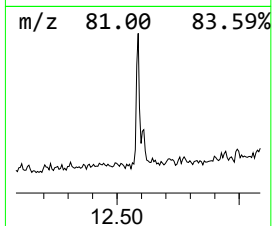
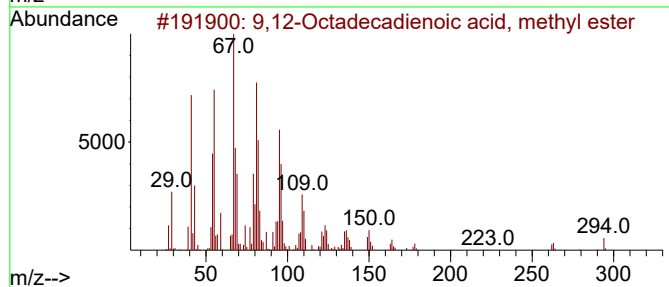
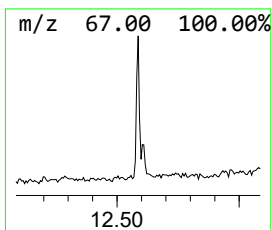
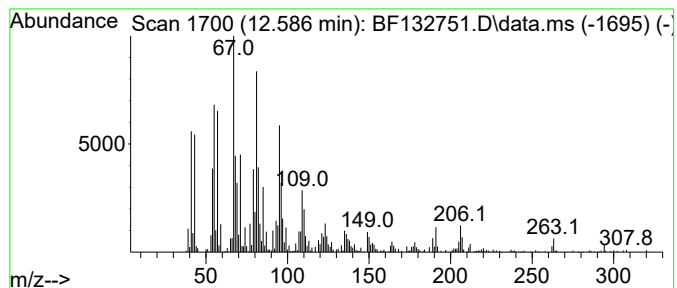
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.586	10.89 ng	605062	Phenanthrene-d10		11.522	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...		294	C19H34O2	000112-63-0	98
3	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002566-97-4	97
4	10,13-Octadecadienoic acid, meth...		294	C19H34O2	056554-62-2	96
5	Linoleic acid ethyl ester		308	C20H36O2	000544-35-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

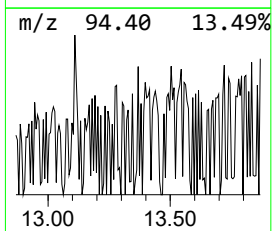
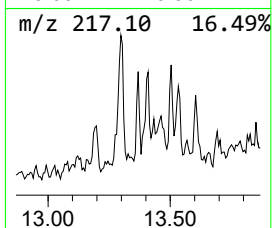
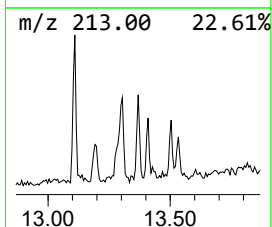
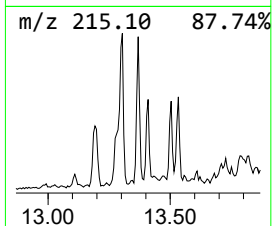
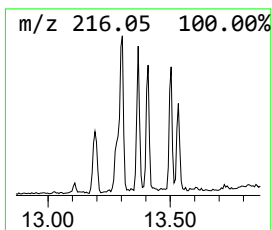
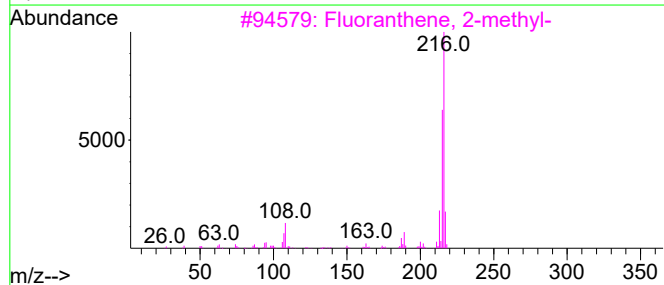
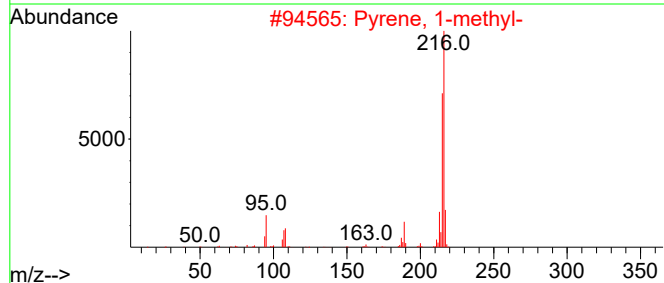
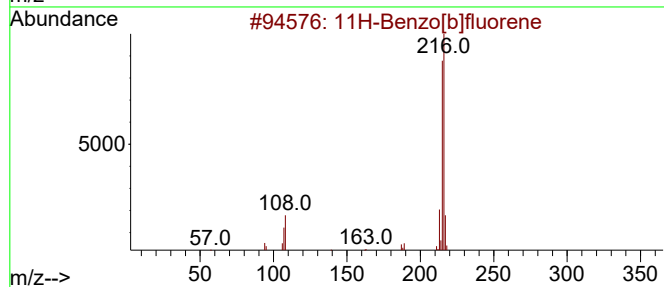
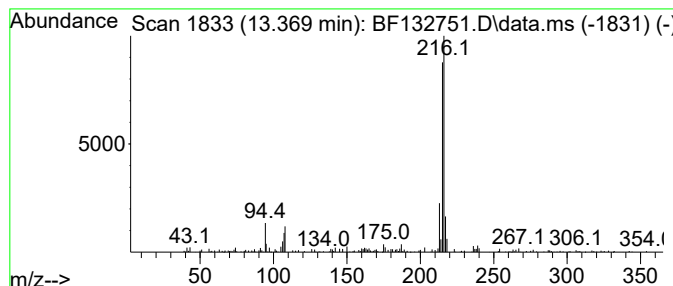
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	2.04 ng	118862	Chrysene-d12	14.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132751.D
Acq On : 10 Mar 2023 20:18
Operator : CG\JU
Sample : 01848-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-03082023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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
2-Pentanone, 4-...	5.204	31.7	ng	1677150	1	6.981	1058400	20.0
Tridecane	8.839	2.7	ng	168595	2	8.263	1248480	20.0
Nonadecane	9.404	5.6	ng	322883	3	10.022	1161310	20.0
Naphthalene, 1,...	9.681	2.9	ng	167077	3	10.022	1161310	20.0
Methoxyacetic a...	9.728	3.5	ng	200098	3	10.022	1161310	20.0
Decane, 2,3,5-t...	9.939	5.4	ng	312658	3	10.022	1161310	20.0
Tridecane, 2-me...	10.257	2.0	ng	118748	3	10.022	1161310	20.0
Hexadecane	10.439	5.9	ng	343930	3	10.022	1161310	20.0
Pentadecane, 2,...	10.657	4.1	ng	239532	3	10.022	1161310	20.0
Benzophenone	10.733	2.5	ng	143457	3	10.022	1161310	20.0
Heptacosane	10.910	10.7	ng	594508	4	11.522	1111550	20.0
Heneicosane	11.363	4.8	ng	263942	4	11.522	1111550	20.0
2,6,10-Trimethy...	11.392	2.7	ng	149491	4	11.522	1111550	20.0
Dodecane, 2-met...	11.792	3.7	ng	205945	4	11.522	1111550	20.0
n-Hexadecanoic ...	12.027	5.7	ng	315204	4	11.522	1111550	20.0
Phenanthrene, 1...	12.051	2.7	ng	149198	4	11.522	1111550	20.0
4H-Cyclopenta[d...]	12.139	3.1	ng	169974	4	11.522	1111550	20.0
Pentacosane	12.204	4.1	ng	225549	4	11.522	1111550	20.0
9,12-Octadecadi...	12.586	10.9	ng	605062	4	11.522	1111550	20.0
11H-Benzo[b]flu...	13.368	2.0	ng	118862	5	14.180	1164350	20.0