LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-052924

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	10	15	rVB2	23450	46742	2.94%	0.235%
2	2.358	40	46	54	rVB	523593	677041	42.63%	3.411%
3	3.275	196	202	209	rBV	53003	92557	5.83%	0.466%
4	5.663	604	608	620	rVB	1041929	1002984	63.15%	5.053%
5	6.651	773	776	791	rBV	810312	888720	55.95%	4.477%
6	7.034	838	841	845	rBV	668592	515345	32.45%	2.596%
7	7.592	933	936	944	rVB	728373	627398	39.50%	3.161%
8	7.669	944	949	953	rVB5	14589	20872	1.31%	0.105%
9	7.834	973	977	982	rVB4	47352	58018	3.65%	0.292%
10	7.957	995	998	1001	rBV2	30569	28542	1.80%	0.144%
11	8.051	1011	1014	1016	rBV	27795	23159	1.46%	0.117%
12	8.210	1038	1041	1045	rBV4	13920	20169	1.27%	0.102%
13	8.281	1050	1053	1055	rVV	42028	46879	2.95%	0.236%
14	8.316	1056	1059	1064	rVV	796209	679253	42.77%	3.422%
15	8.357	1064	1066	1069	rVB2	50171	42432	2.67%	0.214%
16	8.469	1078	1085	1086	rBV6	14924	23186	1.46%	0.117%
17	8.510	1090	1092	1097	rVB3	35145	33186	2.09%	0.167%
18	8.598	1103	1107	1111	rVB5	55230	64268	4.05%	0.324%
19	8.639	1111	1114	1115	rBV2	22035	24858	1.57%	0.125%
20	8.698	1121	1124	1126	rVV	30745	21046	1.33%	0.106%
21	8.722	1126	1128	1130	rVB	36893	25104	1.58%	0.126%
22	8.751	1130	1133	1136	rBV4	27686	31021	1.95%	0.156%
23	8.816	1141	1144	1147	rBV3	90591	82283	5.18%	0.415%
24	8.892	1154	1157	1162	rVB4	70570	67590	4.26%	0.340%
25	8.939	1162	1165	1167	rVV4	22720	26390	1.66%	0.133%
26	8.975	1169	1171	1175	rVB2	45348	46550	2.93%	0.234%
27	9.139	1196	1199	1201	rBV	100114	96115	6.05%	0.484%
28	9.175	1203	1205	1207	rVV2	41088	31580	1.99%	0.159%
29	9.216	1210	1212	1215	rVB3	30564	32552	2.05%	0.164%
30	9.257	1215	1219	1221	rBV4	63305	63977	4.03%	0.322%
31	9.322	1228	1230	1233	rBV2	57343	47519	2.99%	0.239%
32	9.392	1238	1242	1246	rVV	1550600	1187764	74.78%	5.983%
33	9.428	1246	1248	1251	rVV3	15146	21349	1.34%	0.108%
34	9.457	1251	1253	1257	rVV	155030	128458	8.09%	0.647%
35	9.498	1258	1260	1262	rVV2	24573	20987	1.32%	0.106%
36	9.539	1265	1267	1270	rVB	61723	55239	3.48%	0.278%

LSC Area Percent Report

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Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.569	1270	1272	1275	rBV4	26655	23843	1.50%	0.120%
38	9.645	1283	1285	1287	rBV2	34506	35349	2.23%	0.178%
39	9.716	1292	1297	1298	rBV3	46281	72694	4.58%	0.366%
40	9.781	1305	1308	1313	rVB2	94498	91262	5.75%	0.460%
41	9.839	1316	1318	1319	rBV2	30560	22295	1.40%	0.112%
42	9.939	1332	1335	1339	rBV	60514	55994	3.53%	0.282%
43	9.992	1341	1344	1348	rVB	241096	186616	11.75%	0.940%
44	10.028	1348	1350	1353	rBV3	24792	27073	1.70%	0.136%
45	10.057	1353	1355	1356	rBV	30364	23758	1.50%	0.120%
46	10.081	1356	1359	1362	rVB	704521	529637	33.35%	2.668%
47	10.175	1373	1375	1380	rVB4	18947	21118	1.33%	0.106%
48	10.251	1386	1388	1390	rVB3	44134	31985	2.01%	0.161%
49	10.281	1390	1393	1396	rVB3	49527	46756	2.94%	0.236%
50	10.316	1396	1399	1401	rBV2	60986	69163	4.35%	0.348%
51	10.351	1403	1405	1409	rVB2	43926	39904	2.51%	0.201%
52	10.392	1409	1412	1415	rBV4	53687	71545	4.50%	0.360%
53	10.492	1426	1429	1432	rBV	301650	234626	14.77%	1.182%
54	10.633	1450	1453	1455	rBV3	32879	33256	2.09%	0.168%
55	10.710	1462	1466	1469	rBV2	130754	160530	10.11%	0.809%
56	10.769	1473	1476	1479	rBV5	38259	43671	2.75%	0.220%
57	10.833	1485	1487	1490	rVB3	49796	43600	2.75%	0.220%
58	10.875	1490	1494	1503	rBV	589907	595875	37.52%	3.002%
59	10.969	1507	1510	1516	rBV	301606	364985	22.98%	1.839%
60	11.163	1540	1543	1545	rBV3	37722	43605	2.75%	0.220%
61	11.251	1556	1558	1562	rVB3	40878	45580	2.87%	0.230%
62	11.292	1562	1565	1567	rBV2	38622	39081	2.46%	0.197%
63	11.416	1583	1586	1589	rBV	269052	199444	12.56%	1.005%
64	11.445	1589	1591	1594	rVB	115249	91751	5.78%	0.462%
65	11.575	1610	1613	1616	rBV	540248	542160	34.14%	2.731%
66	11.598	1616	1617	1621	rVV	341010	273772	17.24%	1.379%
67	11.651	1624	1626	1630	rVV	79716	85391	5.38%	0.430%
68	11.686	1630	1632	1636	rVV3	36365	32580	2.05%	0.164%
69	11.727	1637	1639	1643	rVB3	30808	32871	2.07%	0.166%
70	11.804	1649	1652	1656	rBV3	42391	76157	4.79%	0.384%
71	11.845	1656	1659	1662	rVV	235886	176242	11.10%	0.888%
72	11.875	1662	1664	1666	rVB2	36556	28317	1.78%	0.143%
73	11.945	1673	1676	1680	rVB	615742	520404	32.77%	2.622%
74	12.080	1696	1699	1701	rBV	61456	68531	4.31%	0.345%
75	12.110	1701	1704	1707	rVV	94748	106285	6.69%	0.535%
76	12.192	1715	1718	1721	rBV2	93112	107092	6.74%	0.539%

LSC Area Percent Report

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Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.251	1725	1728	1731	rBV	166035	146034	9.19%	0.736%
78	12.375	1747	1749	1751	rVB	34469	26551	1.67%	0.134%
79	12.404	1752	1754	1757	rBV3	36053	30901	1.95%	0.156%
80	12.639	1790	1794	1796	rBV3	1323246	1310993	82.54%	6.604%
81	12.663	1796	1798	1805	rVB	1853003	1588278	100.00%	8.001%
82	12.745	1809	1812	1815	rVB	294805	263596	16.60%	1.328%
83	12.798	1817	1821	1824	rBV	699261	627330	39.50%	3.160%
84	13.027	1854	1860	1866	rBV	521646	648980	40.86%	3.269%
85	13.163	1879	1883	1886	rBV	1266934	1027074	64.67%	5.174%
86	13.310	1905	1908	1910	rBV3	48634	53169	3.35%	0.268%
87	13.351	1910	1915	1917	rVV3	118782	206210	12.98%	1.039%
88	13.374	1917	1919	1921	rVV	100755	83302	5.24%	0.420%
89	13.422	1925	1927	1930	rVB	68799	55465	3.49%	0.279%
90	13.716	1975	1977	1980	rBV	55079	49382	3.11%	0.249%
91	14.233	2060	2065	2067	rBV2	467916	663630	41.78%	3.343%
92	14.257	2067	2069	2073	rVB	195629	176149	11.09%	0.887%
93	15.327	2248	2251	2255	rBV	139755	208703	13.14%	1.051%
94	15.733	2317	2320	2326	rVB	129147	180599	11.37%	0.910%
95	15.804	2328	2332	2335	rVB	252372	308662	19.43%	1.555%

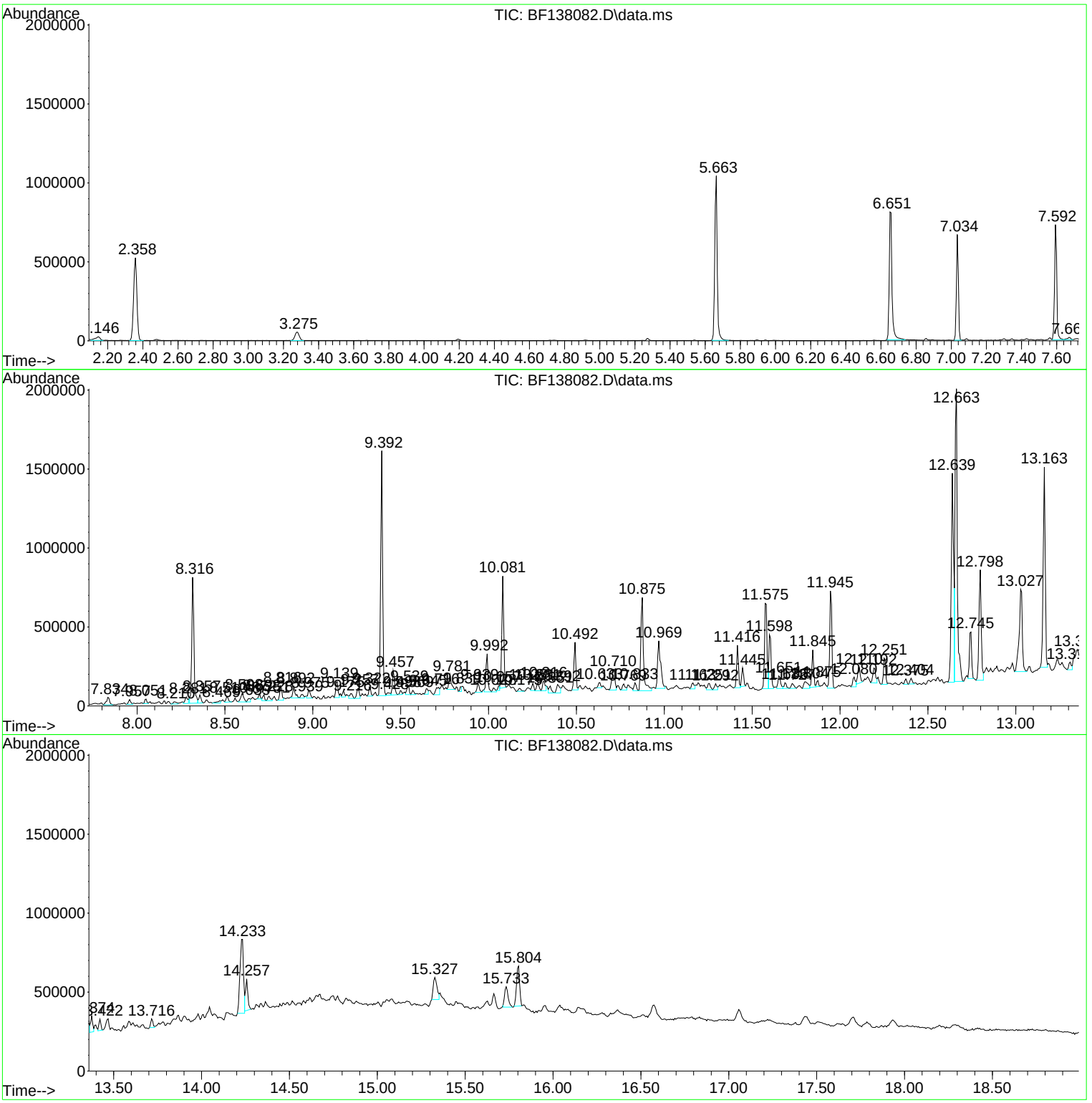
Sum of corrected areas: 19850939

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

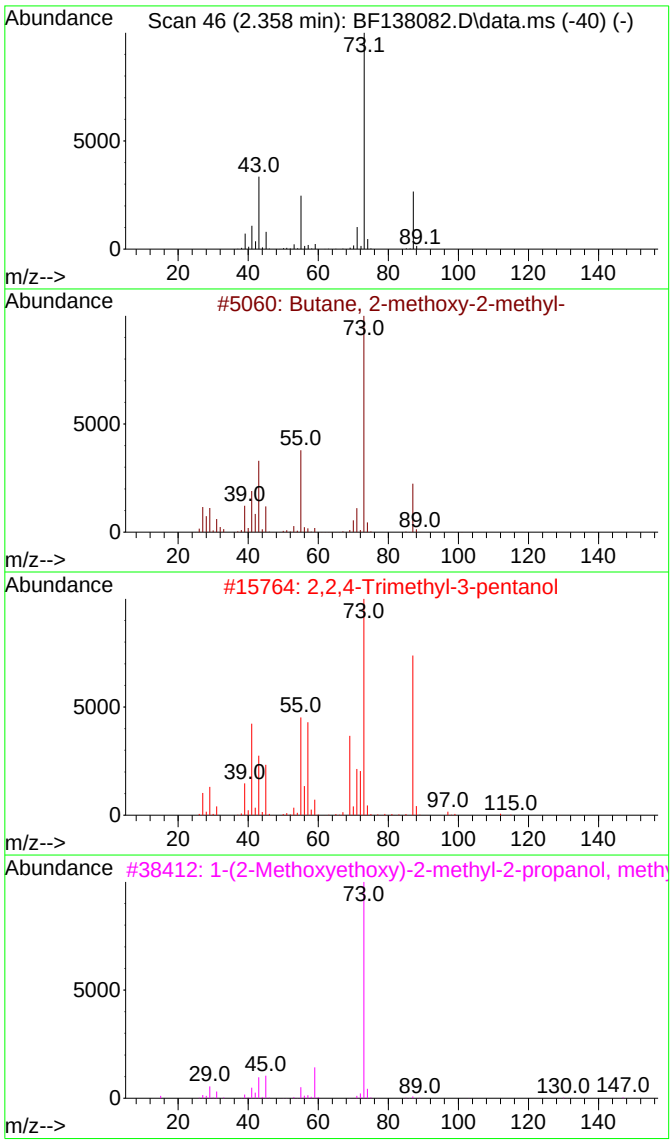
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

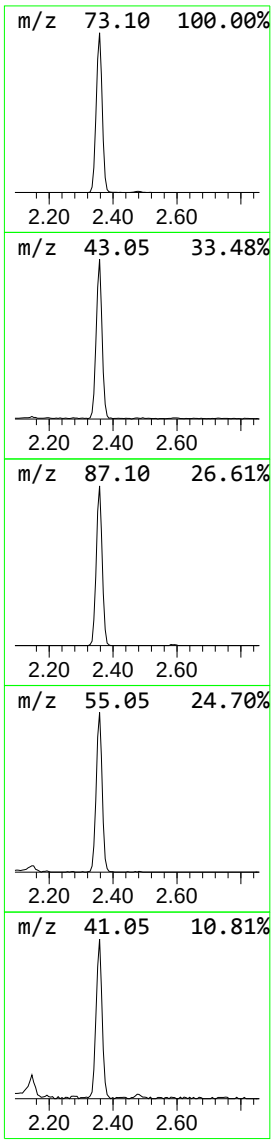
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.358	26.28 ng	677041	1,4-Dichlorobenzene-d4	7.034

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	39
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

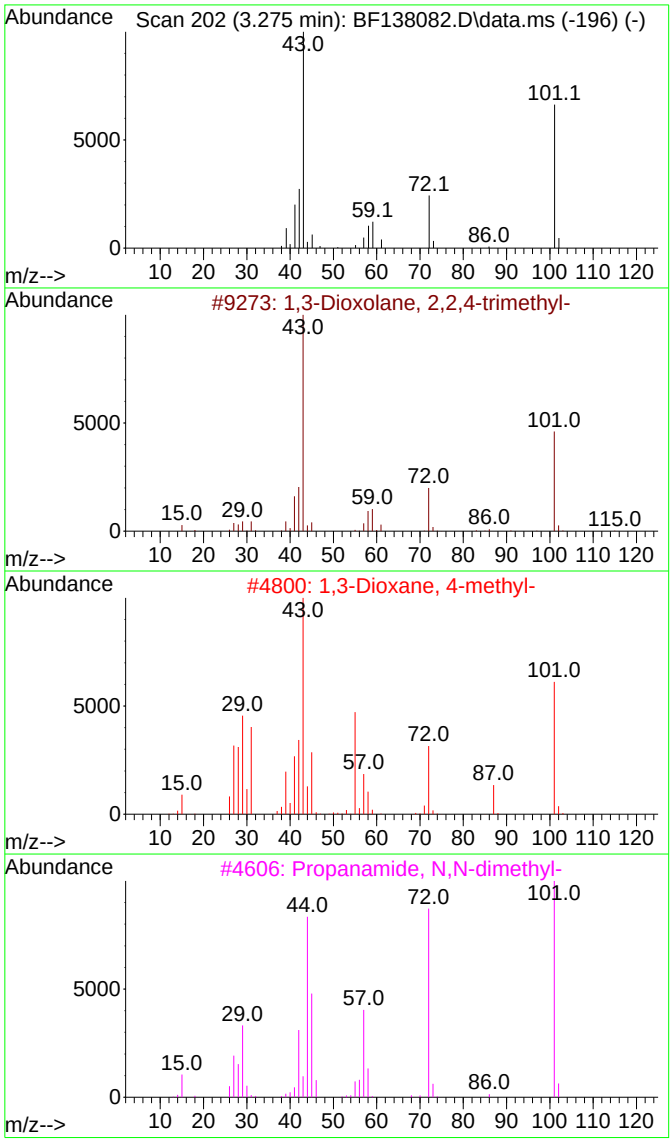
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

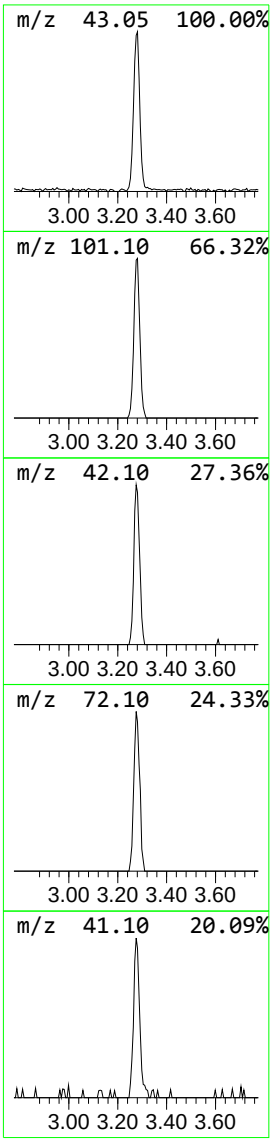
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.275	3.59 ng	92557	1,4-Dichlorobenzene-d4	7.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	90
2	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	56
3	Propanamide, N,N-dimethyl-	101	C5H11NO	000758-96-3	37
4	2-Oxazolidinone, 3-methyl-	101	C4H7NO2	019836-78-3	25
5	Ethanethioic acid, S-(dihydro-2,...	174	C6H6O4S	006953-60-2	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

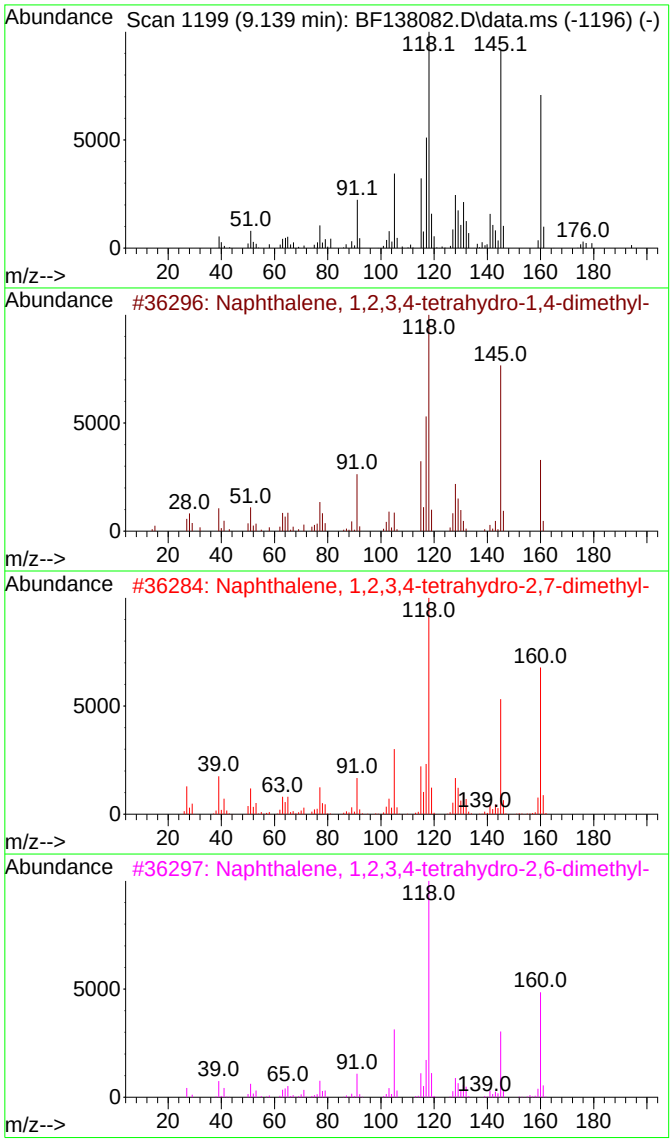
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

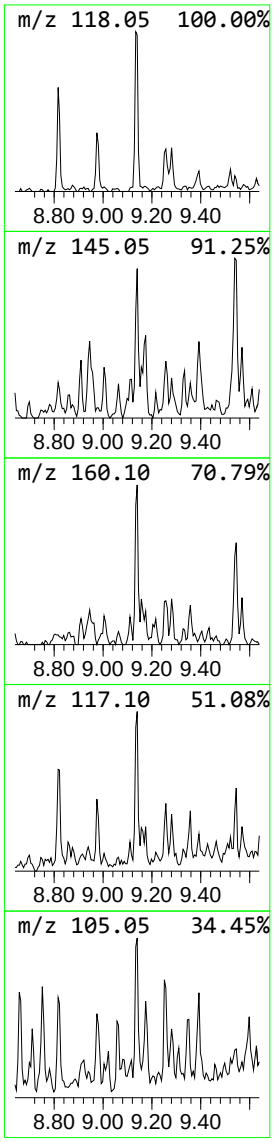
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.139	2.83 ng	96115	Naphthalene-d8	8.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	55
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

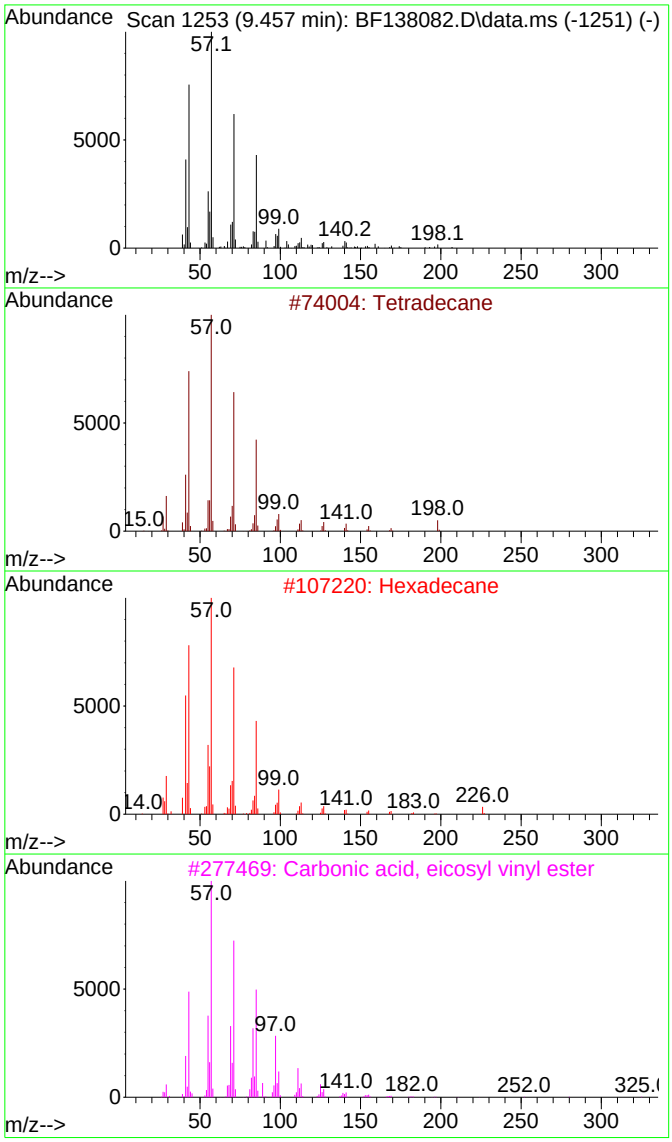
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

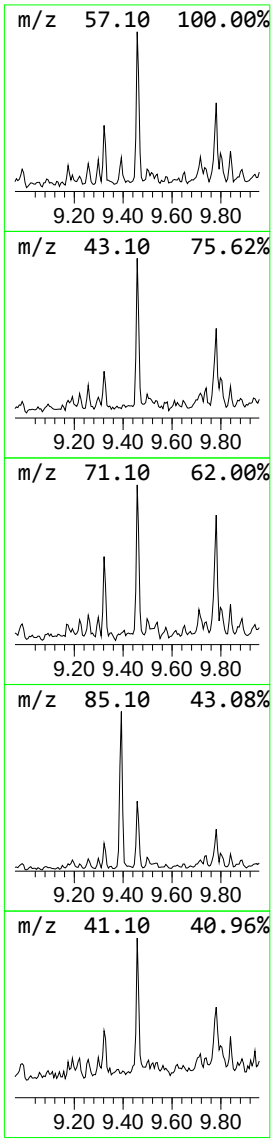
****

Peak Number 4 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	4.85 ng	128458	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

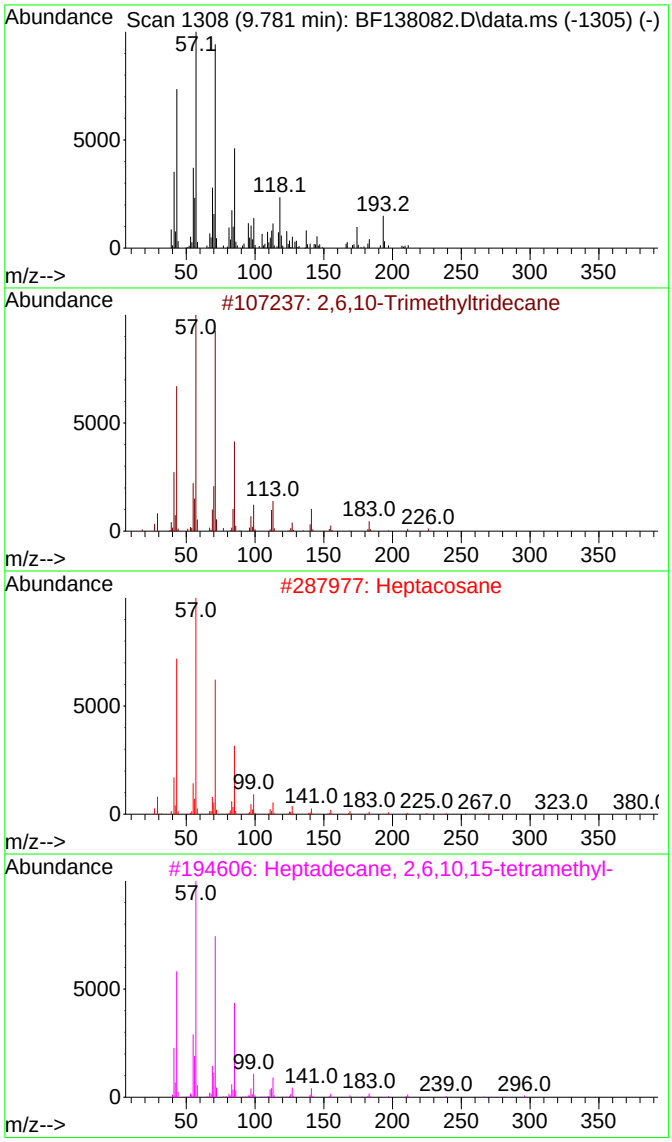
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

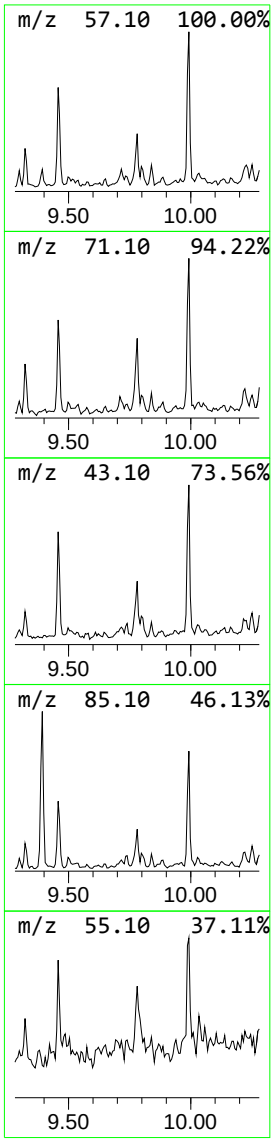
****

Peak Number 5 2,6,10-Trimethyltridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	3.45 ng	91262	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	68
2	Heptacosane	380	C27H56	000593-49-7	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	52





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Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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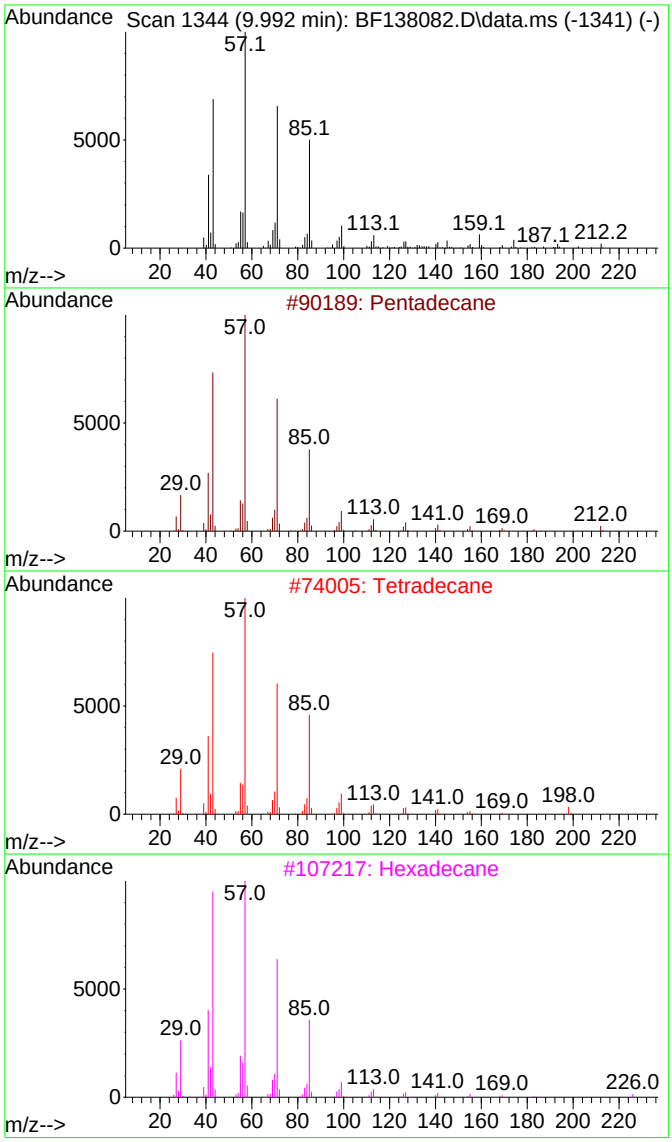
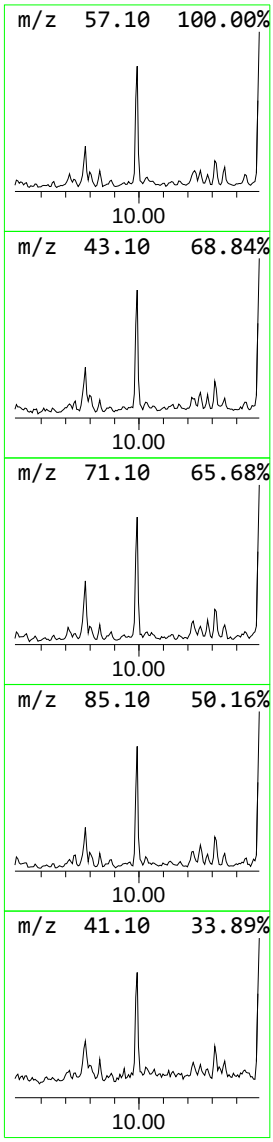
Peak Number 6 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	7.05 ng	186616	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetradecane	198	C14H30	000629-59-4	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Nonadecane	268	C19H40	000629-92-5	58
5	Eicosane	282	C20H42	000112-95-8	58





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Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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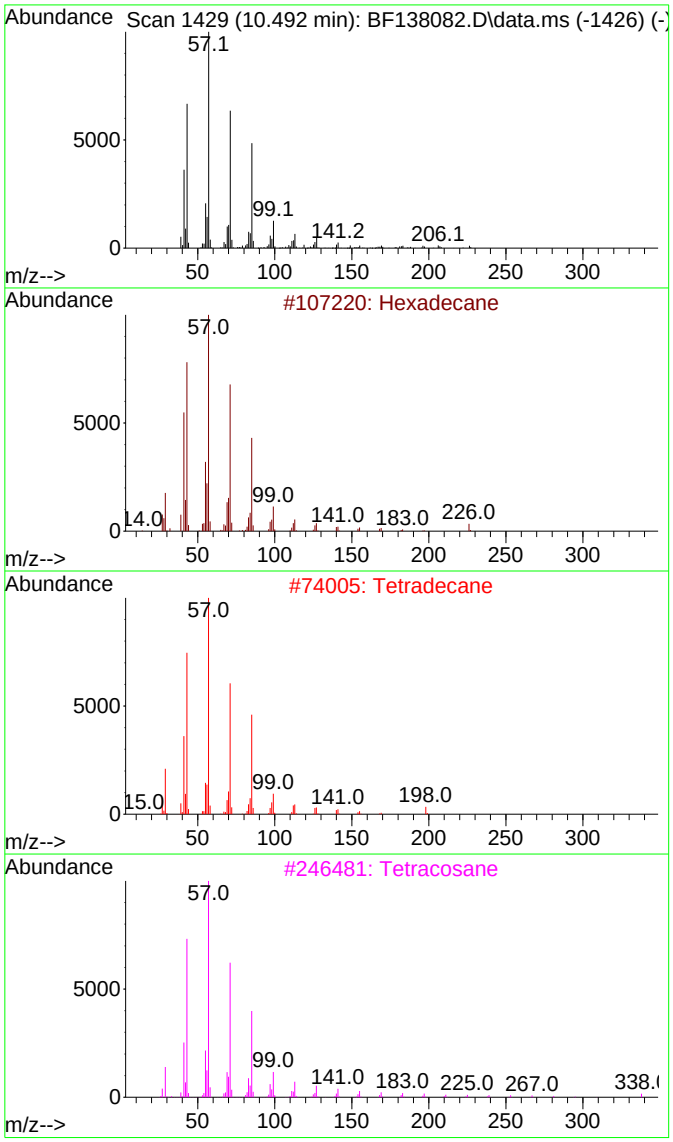
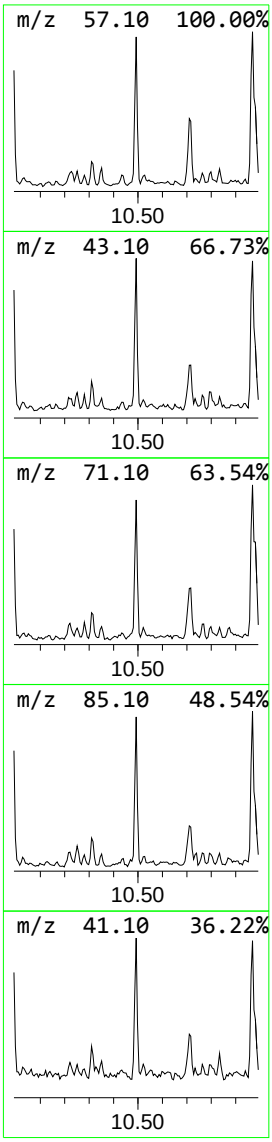
Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	8.86 ng	234626	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Heptadecane	240	C17H36	000629-78-7	83





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Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

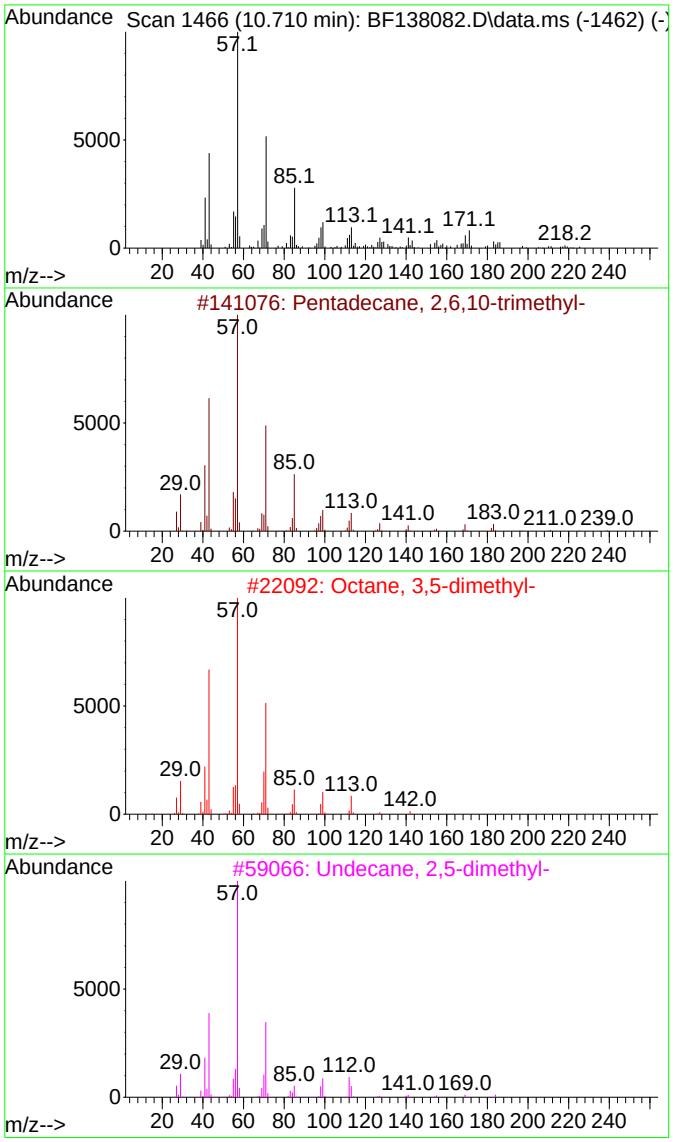
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

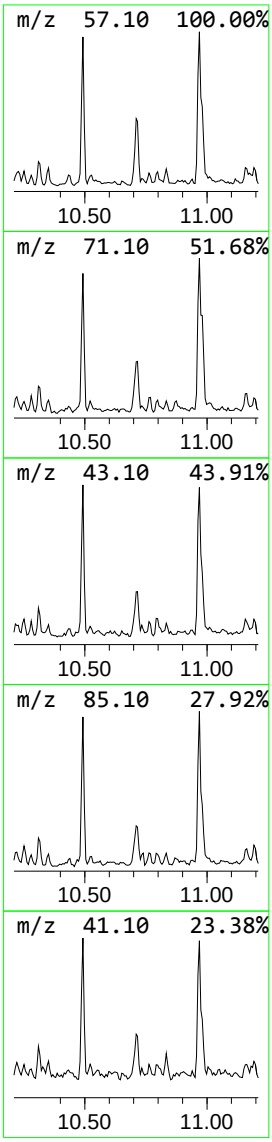
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.710	6.06 ng	160530	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	81
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
5	Hexacosane	366	C26H54	000630-01-3	64





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Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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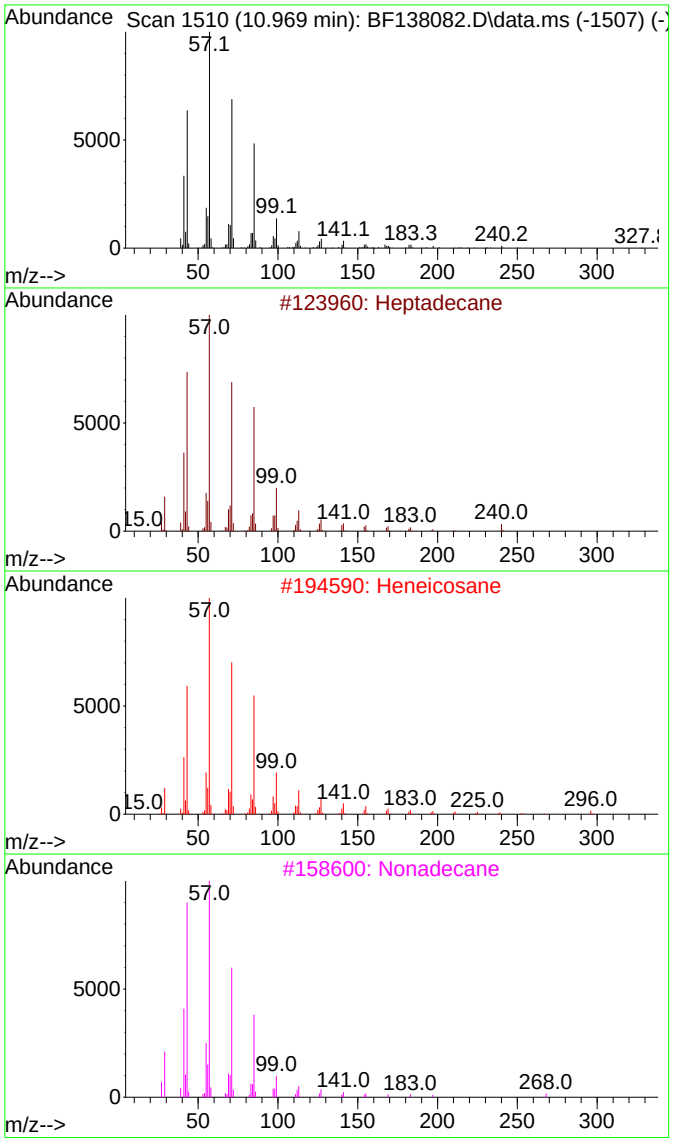
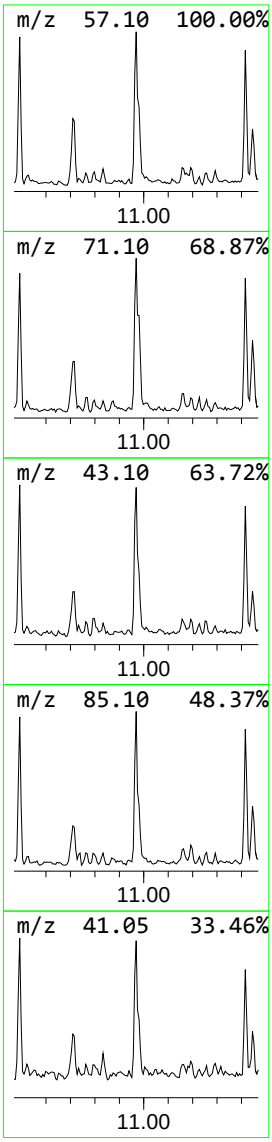
Peak Number 9 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	13.46 ng	364985	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Dodecane	170	C12H26	000112-40-3	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Acq On : 30 May 2024 18:19
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Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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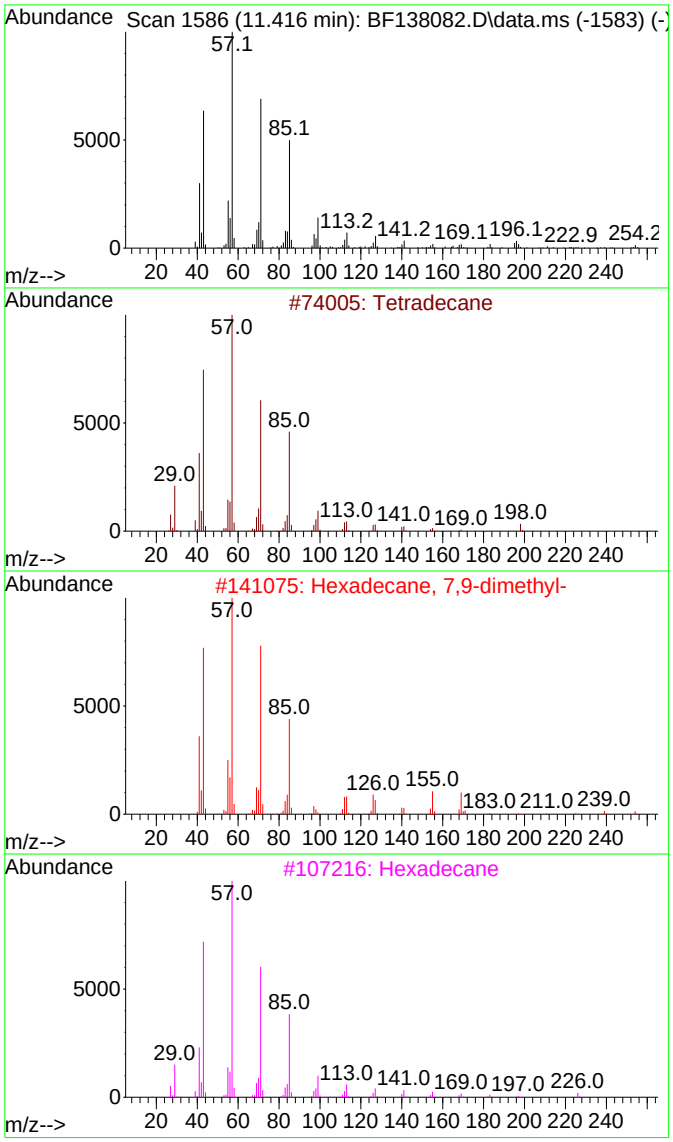
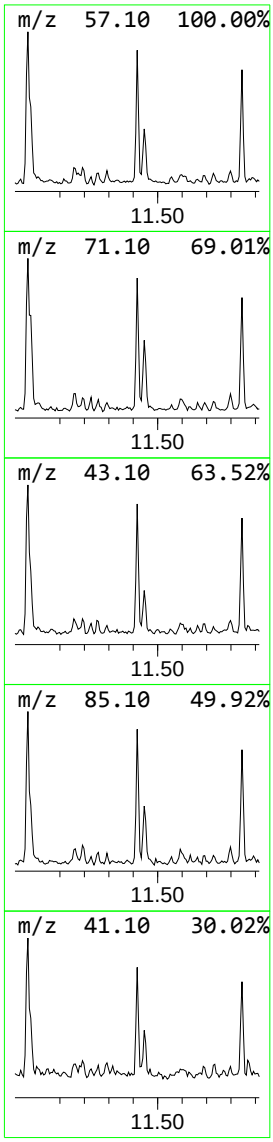
Peak Number 10 Hexadecane, 7,9-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.416	7.36 ng	199444	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Acq On : 30 May 2024 18:19
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Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-052924

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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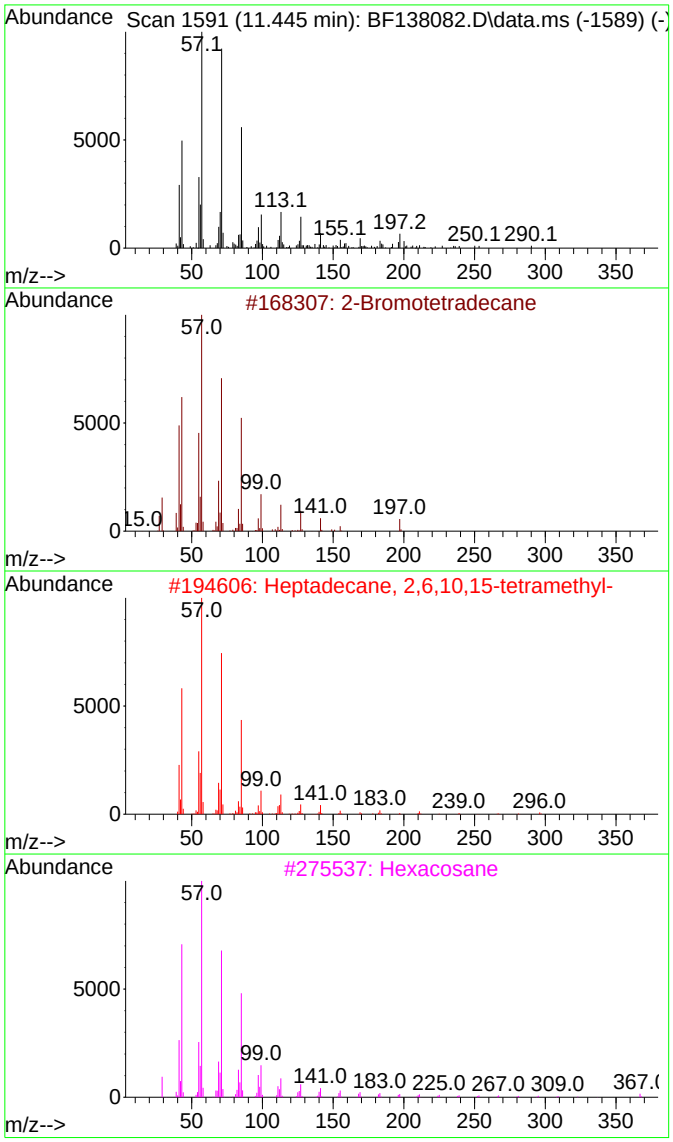
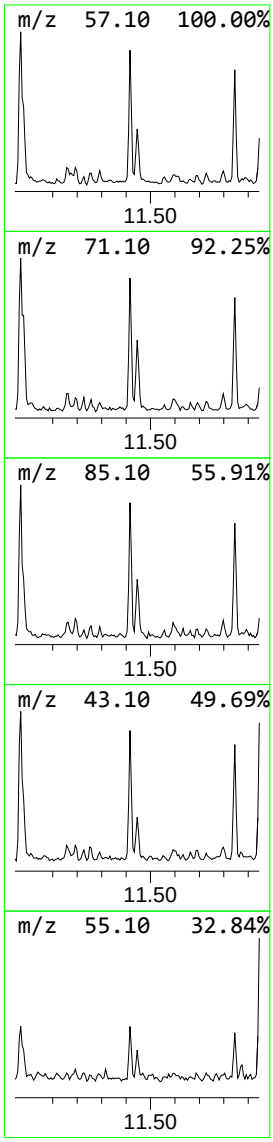
Peak Number 11 2-Bromotetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.445	3.38 ng	91751	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





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Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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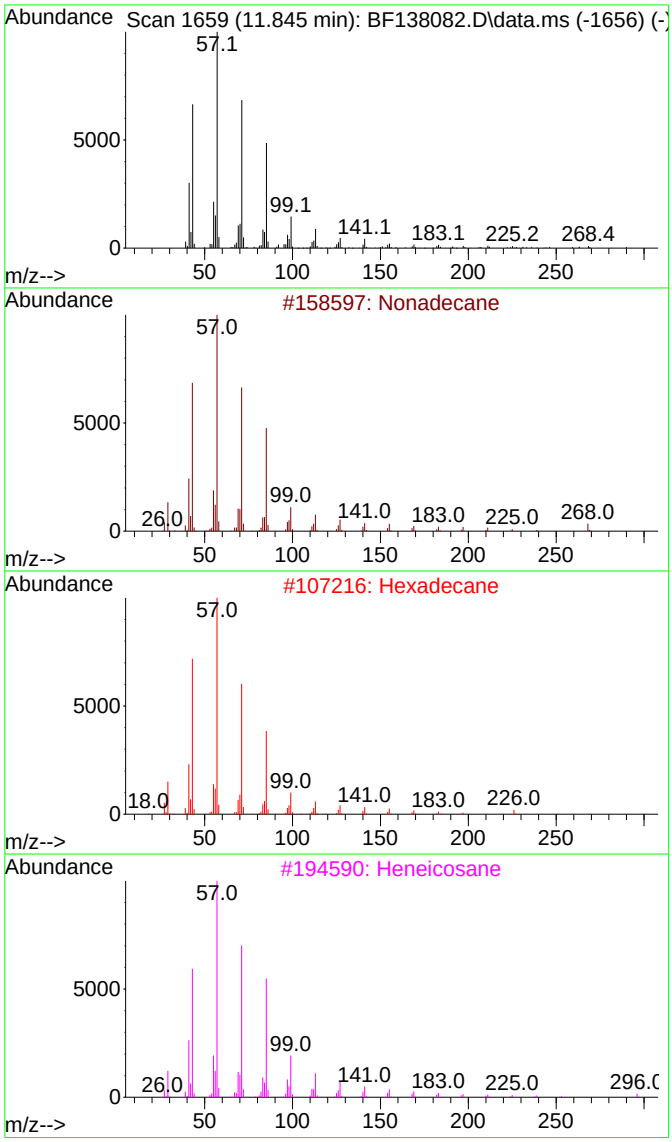
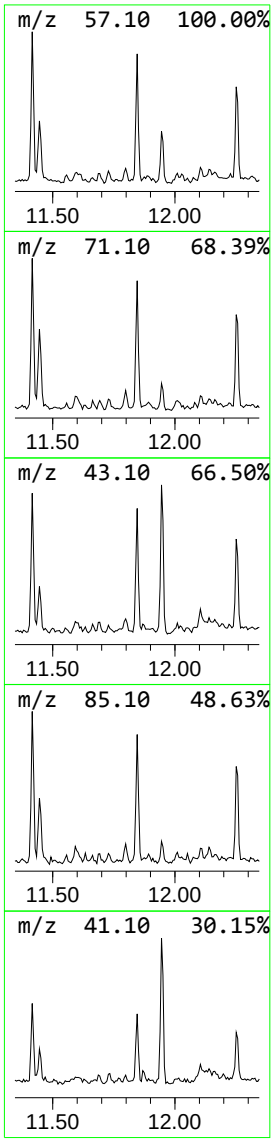
Peak Number 12 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.50 ng	176242	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Hexadecane	226	C16H34	000544-76-3	96
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Pentadecane	212	C15H32	000629-62-9	91





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Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-052924

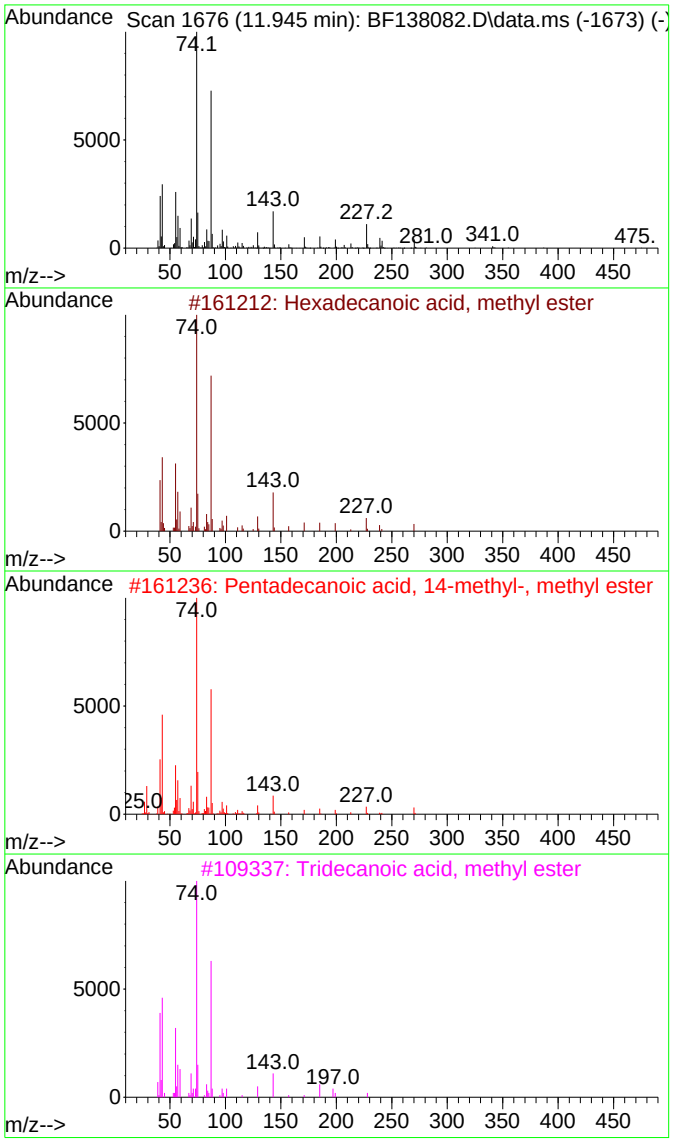
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

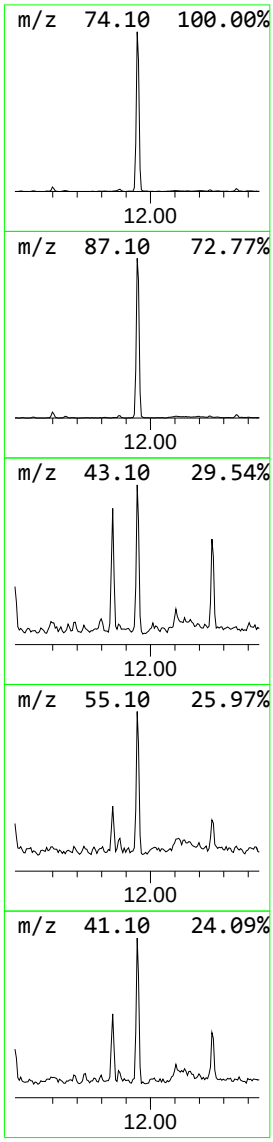
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	19.20 ng	520404	Phenanthrene-d10	11.575

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	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Methyl stearate	298	C19H38O2	000112-61-8	83
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





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Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

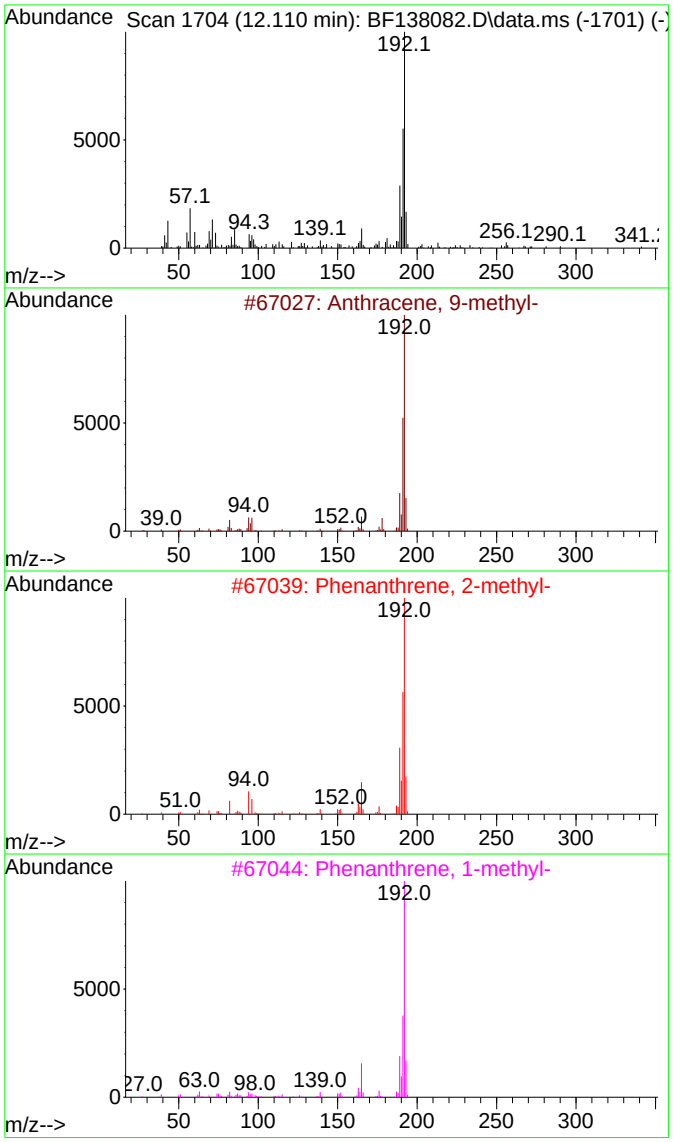
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

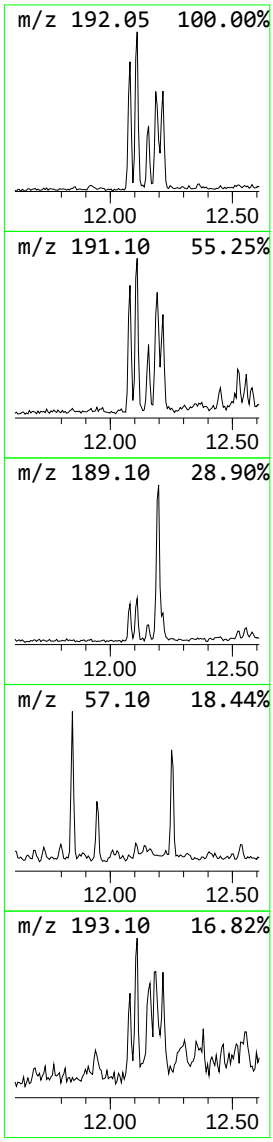
****

Peak Number 14 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.92 ng	106285	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 30 May 2024 18:19
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Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-052924

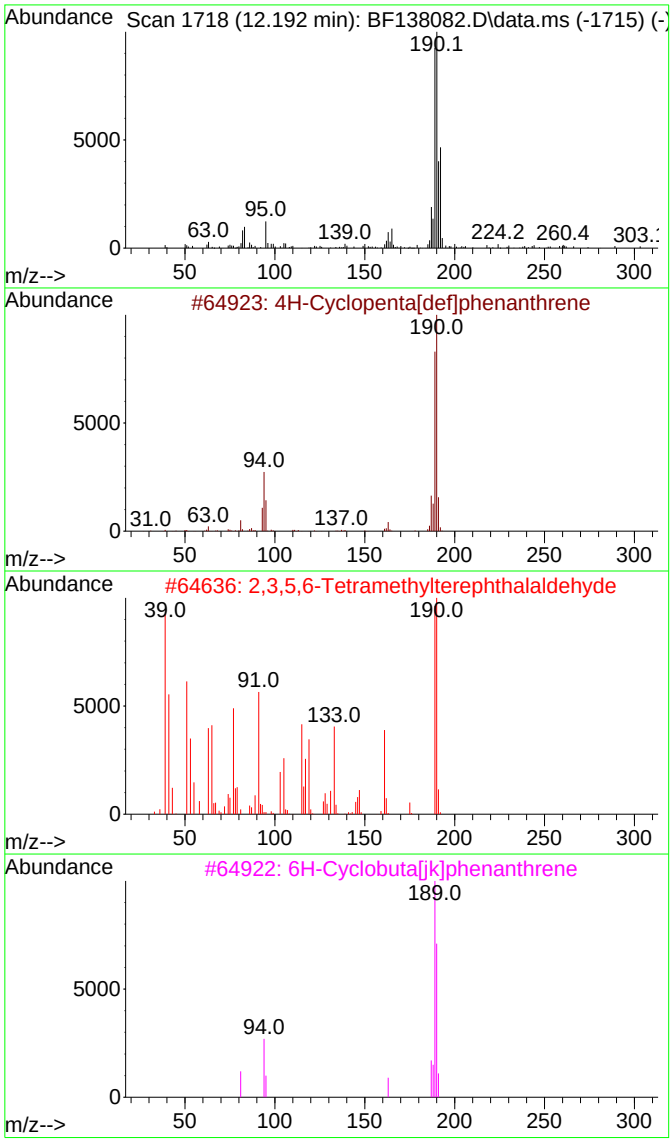
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

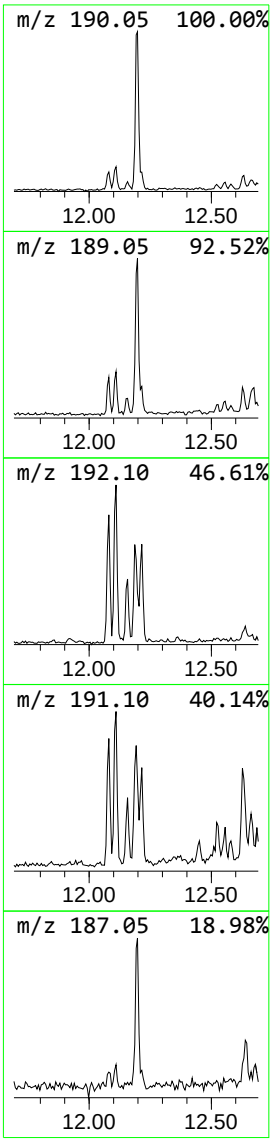
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.95 ng	107092	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	36
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28





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Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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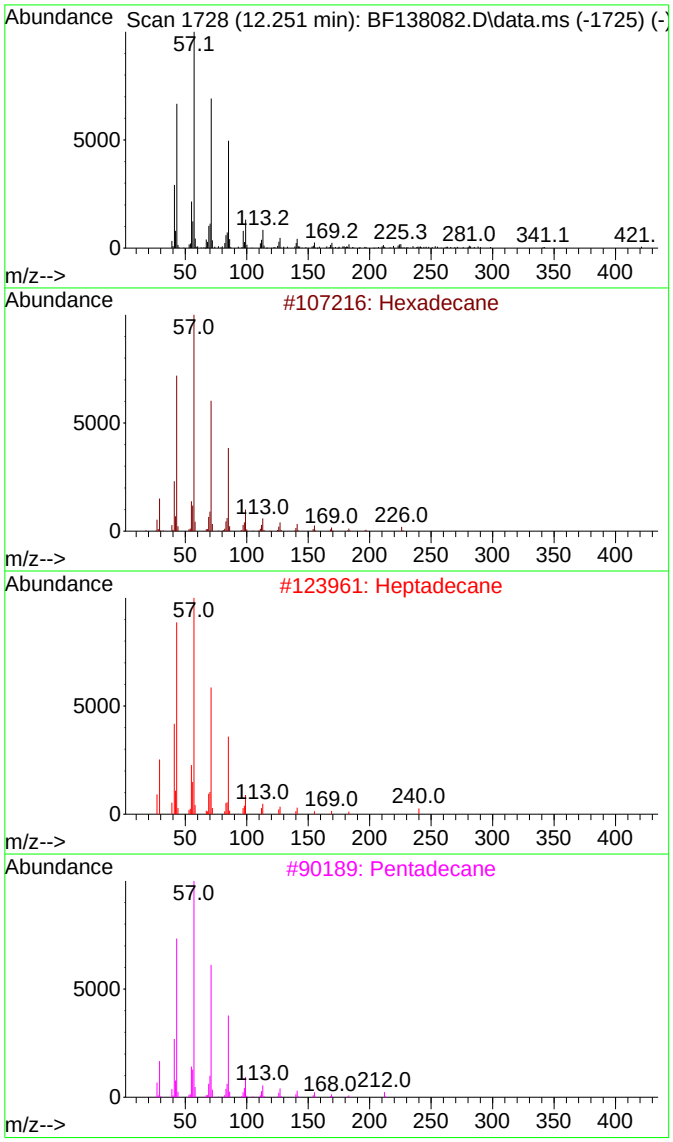
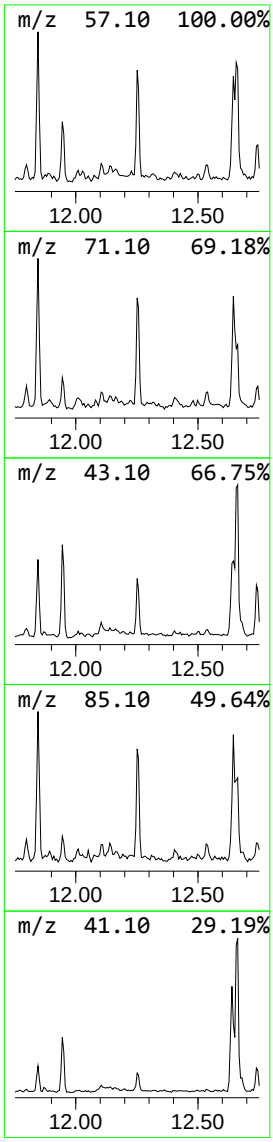
Peak Number 16 Hexadecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	5.39 ng	146034	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Pentadecane	212	C15H32	000629-62-9	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87





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Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

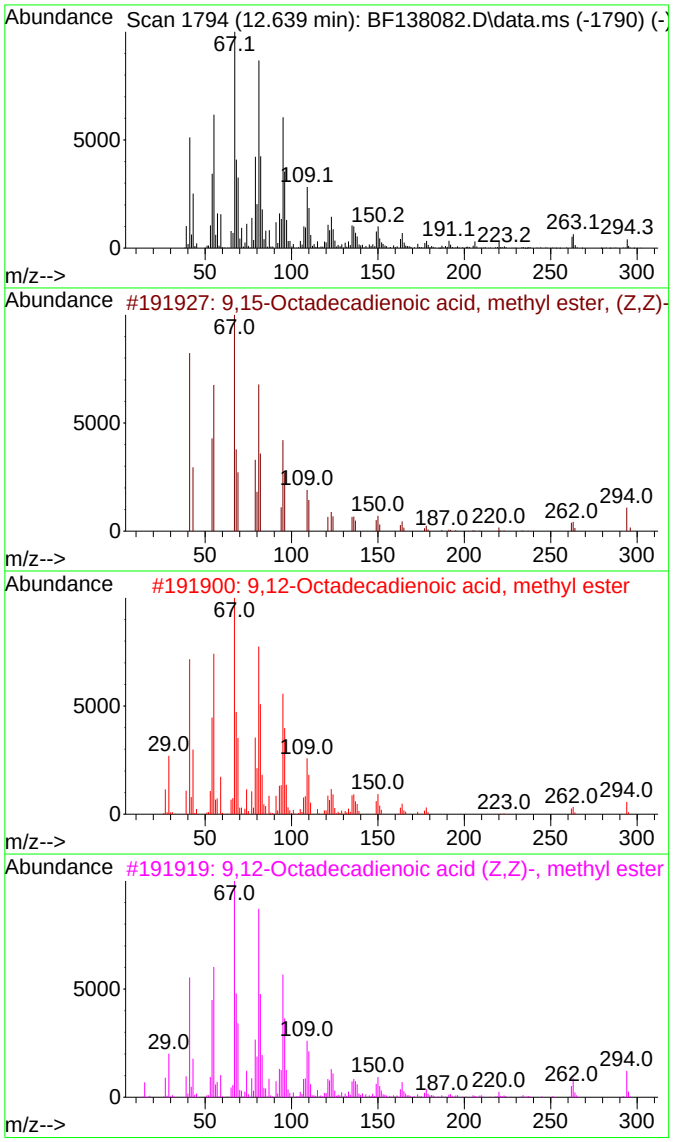
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

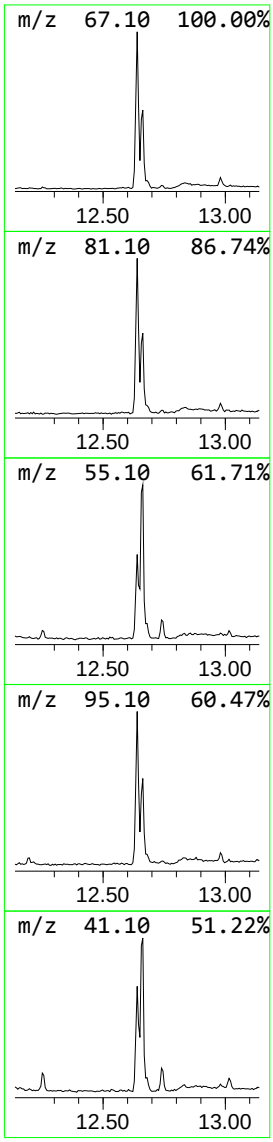
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,15-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	48.36 ng	1310990	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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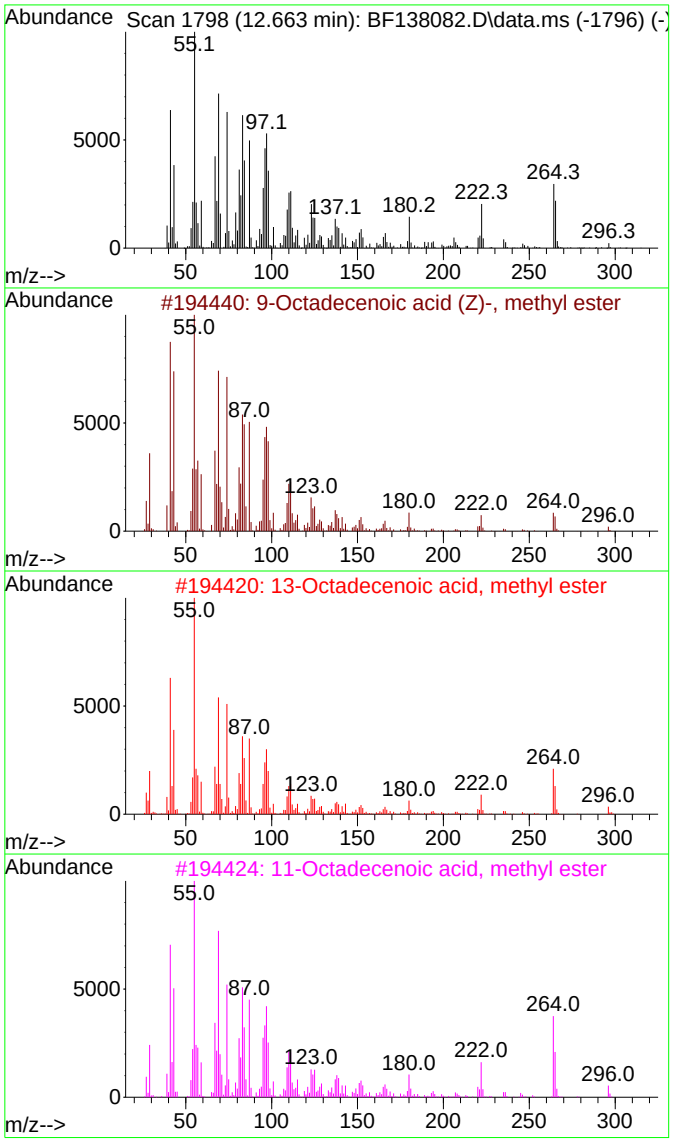
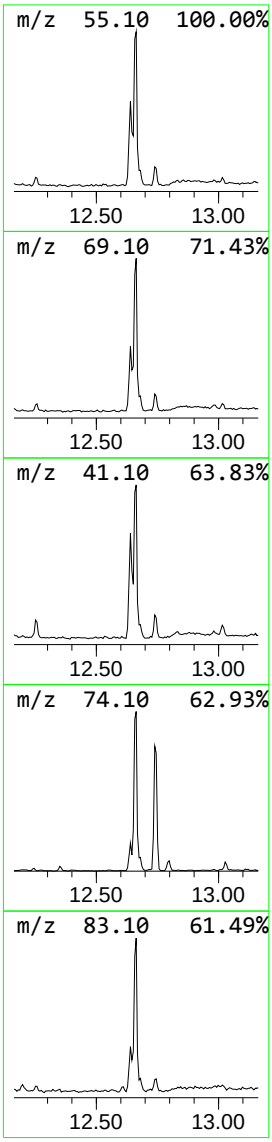
Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	58.59 ng	1588280	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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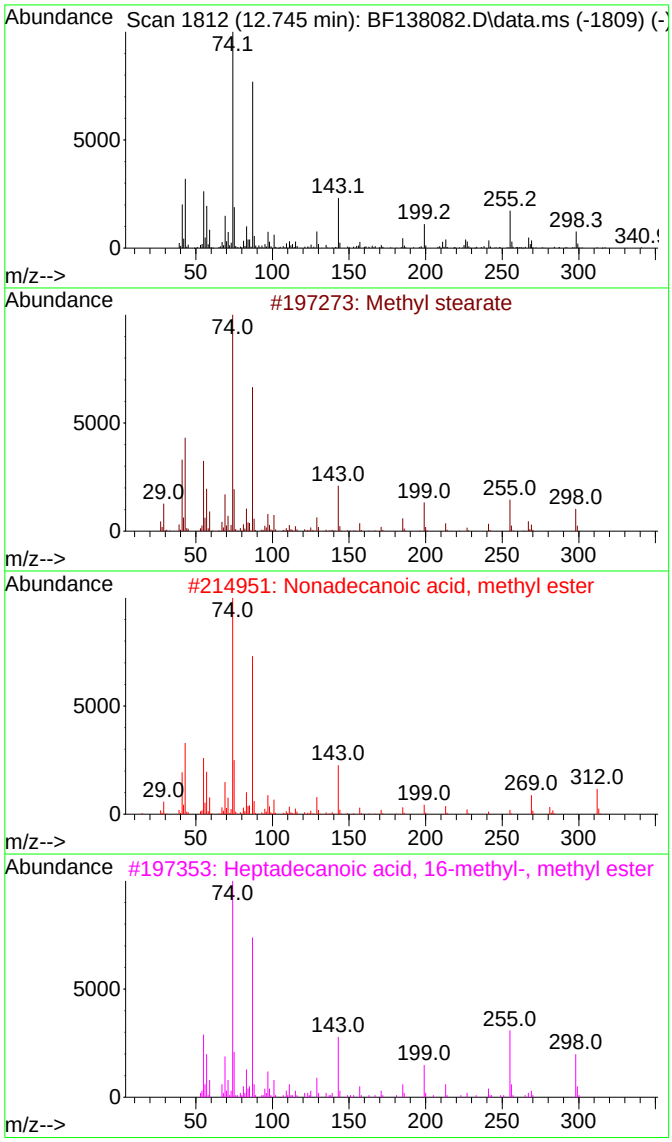
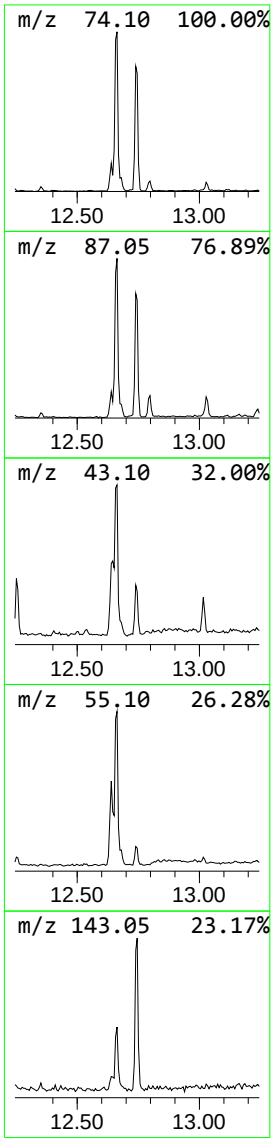
Peak Number 19 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	9.72 ng	263596	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	97
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	94
5	2-Methylpentadecanoic acid	256	C16H32O2	025354-92-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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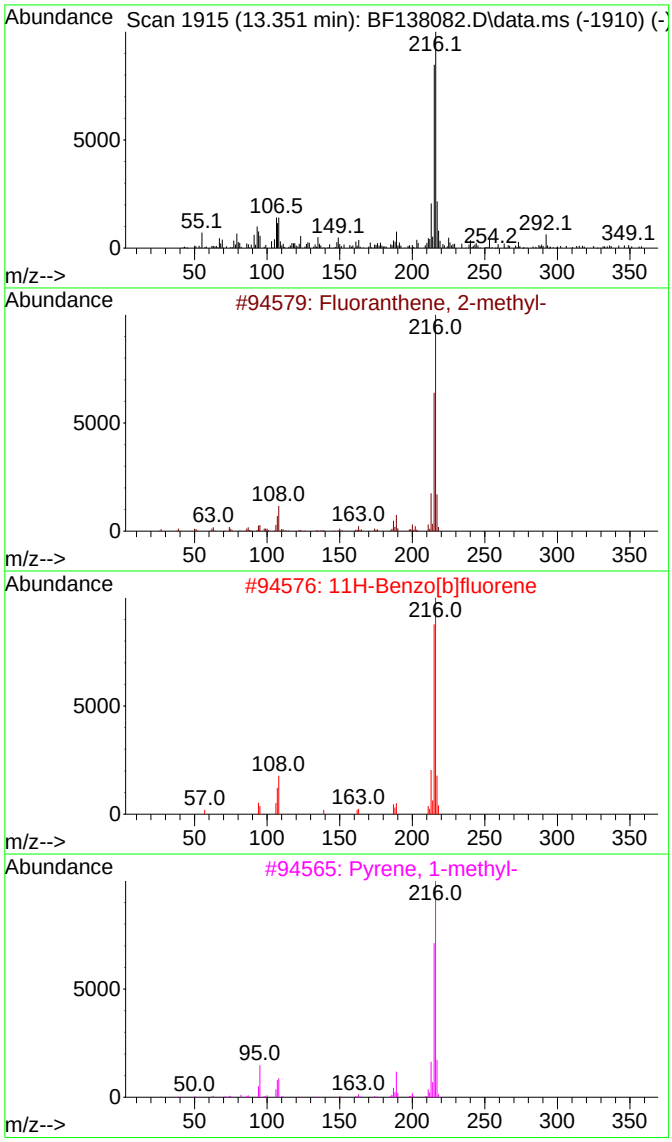
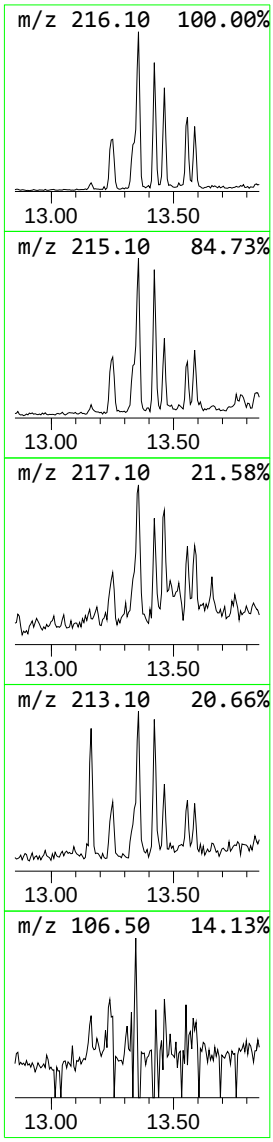
Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	6.21 ng	206210	Chrysene-d12	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138082.D
Acq On : 30 May 2024 18:19
Operator : CG\JU
Sample : P2655-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-052924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.358	26.3	ng	677041	1	7.034	515345	20.0
1,3-Dioxolane, ...	3.275	3.6	ng	92557	1	7.034	515345	20.0
Naphthalene, 1,...	9.139	2.8	ng	96115	2	8.316	679253	20.0
Tetradecane	9.457	4.8	ng	128458	3	10.081	529637	20.0
2,6,10-Trimethy...	9.781	3.5	ng	91262	3	10.081	529637	20.0
Pentadecane	9.992	7.0	ng	186616	3	10.081	529637	20.0
Hexadecane	10.492	8.9	ng	234626	3	10.081	529637	20.0
Pentadecane, 2,...	10.710	6.1	ng	160530	3	10.081	529637	20.0
Heptadecane	10.969	13.5	ng	364985	4	11.575	542160	20.0
Hexadecane, 7,9...	11.416	7.4	ng	199444	4	11.575	542160	20.0
2-Bromotetradecane	11.445	3.4	ng	91751	4	11.575	542160	20.0
Nonadecane	11.845	6.5	ng	176242	4	11.575	542160	20.0
Hexadecanoic ac...	11.945	19.2	ng	520404	4	11.575	542160	20.0
Anthracene, 9-m...	12.110	3.9	ng	106285	4	11.575	542160	20.0
4H-Cyclopenta[d...	12.192	4.0	ng	107092	4	11.575	542160	20.0
Hexadecane, 1-i...	12.251	5.4	ng	146034	4	11.575	542160	20.0
9,15-Octadecadi...	12.639	48.4	ng	1310990	4	11.575	542160	20.0
9-Octadecenoic ...	12.663	58.6	ng	1588280	4	11.575	542160	20.0
Methyl stearate	12.745	9.7	ng	263596	4	11.575	542160	20.0
Fluoranthene, 2...	13.351	6.2	ng	206210	5	14.233	663630	20.0