LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128328.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	541	545	560	rVB	1435816	1445579	12.59%	2.238%
2	6.504	713	717	729	rBV	1546822	1453763	12.66%	2.250%
3	6.869	775	779	782	rBV	609012	473411	4.12%	0.733%
4	7.434	871	875	878	rBV	1095119	966298	8.41%	1.496%
5	8.122	989	992	994	rBV	147249	129754	1.13%	0.201%
6	8.151	994	997	999	rVV	695785	570384	4.97%	0.883%
7	8.175	999	1001	1003	rVV	163574	140963	1.23%	0.218%
8	8.198	1003	1005	1008	rVB2	156709	124541	1.08%	0.193%
9	8.434	1042	1045	1049	rVB4	124180	148896	1.30%	0.230%
10	8.651	1079	1082	1085	rBV	155832	139378	1.21%	0.216%
11	8.734	1093	1096	1100	rBV3	164958	165198	1.44%	0.256%
12	8.810	1107	1109	1116	rVB7	80536	132448	1.15%	0.205%
13	8.969	1134	1136	1139	rBV3	163790	142982	1.24%	0.221%
14	9.163	1166	1169	1171	rBV2	142122	127353	1.11%	0.197%
15	9.228	1176	1180	1183	rVB	1741786	1337901	11.65%	2.071%
16	9.298	1188	1192	1195	rBV	251739	227638	1.98%	0.352%
17	9.487	1221	1224	1230	rVB4	75259	120439	1.05%	0.186%
18	9.616	1243	1246	1249	rVB2	124821	123936	1.08%	0.192%
19	9.828	1279	1282	1286	rVB	251832	205454	1.79%	0.318%
20	9.910	1293	1296	1299	rVB	662996	497108	4.33%	0.769%
21	9.945	1299	1302	1305	rVB	192261	174765	1.52%	0.271%
22	10.116	1328	1331	1334	rVV2	206517	176824	1.54%	0.274%
23	10.228	1346	1350	1353	rBV4	79990	133338	1.16%	0.206%
24	10.328	1362	1367	1370	rBV	303700	287606	2.50%	0.445%
25	10.457	1383	1389	1396	rBV	342438	378295	3.29%	0.586%
26	10.545	1399	1404	1406	rBV2	175039	205811	1.79%	0.319%
27	10.704	1427	1431	1434	rBV	1000904	874254	7.61%	1.353%
28	10.798	1445	1447	1452	rBV	315452	407414	3.55%	0.631%
29	11.010	1477	1483	1485	rBV2	98629	145480	1.27%	0.225%
30	11.251	1521	1524	1526	rBV2	330799	270494	2.35%	0.419%
31	11.281	1526	1529	1530	rVV	125640	120435	1.05%	0.186%
32	11.298	1530	1532	1536	rVB	137045	119527	1.04%	0.185%
33	11.404	1546	1550	1552	rBV	586463	541934	4.72%	0.839%
34	11.428	1552	1554	1558	rVB	1541199	1413926	12.31%	2.189%
35	11.481	1559	1563	1566	rBV	615821	502542	4.38%	0.778%
36	11.633	1585	1589	1594	rBV	145794	210986	1.84%	0.327%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.675	1594	1596	1598	rVV	226214	195337	1.70%	0.302%
38	11.704	1598	1601	1604	rVB2	441543	375392	3.27%	0.581%
39	11.786	1611	1615	1618	rBV	4586884	3989148	34.73%	6.175%
40	11.904	1632	1635	1637	rBV	256078	217347	1.89%	0.336%
41	11.933	1637	1640	1643	rVB2	506163	478734	4.17%	0.741%
42	11.980	1645	1648	1651	rBV	197951	177857	1.55%	0.275%
43	12.022	1651	1655	1657	rBV	600518	576580	5.02%	0.892%
44	12.086	1663	1666	1668	rBV	259406	223289	1.94%	0.346%
45	12.198	1681	1685	1688	rVB2	205772	214272	1.87%	0.332%
46	12.486	1725	1734	1736	rBV	7314033	11486480	100.00%	17.780%
47	12.510	1736	1738	1743	rVV2	7694230	8698558	75.73%	13.464%
48	12.551	1743	1745	1747	rVB2	159283	119867	1.04%	0.186%
49	12.580	1747	1750	1753	rVB	2670369	2078575	18.10%	3.217%
50	12.633	1754	1759	1763	rBV	3607421	4085098	35.56%	6.323%
51	12.722	1771	1774	1776	rBV3	154870	164794	1.43%	0.255%
52	12.775	1781	1783	1786	rVV	144793	139639	1.22%	0.216%
53	12.816	1787	1790	1792	rVV3	164797	174013	1.51%	0.269%
54	12.863	1792	1798	1803	rVV2	2671675	3670870	31.96%	5.682%
55	12.904	1803	1805	1809	rVB2	150051	155741	1.36%	0.241%
56	12.992	1815	1820	1823	rBV2	1438496	1335104	11.62%	2.067%
57	13.075	1830	1834	1842	rBV4	208891	471334	4.10%	0.730%
58	13.139	1842	1845	1847	rBV2	221995	234184	2.04%	0.362%
59	13.186	1850	1853	1855	rVB2	546418	494384	4.30%	0.765%
60	13.251	1862	1864	1866	rVB2	536464	393140	3.42%	0.609%
61	13.292	1866	1871	1872	rBV2	277841	407558	3.55%	0.631%
62	13.410	1889	1891	1897	rVB3	166381	236809	2.06%	0.367%
63	13.698	1937	1940	1944	rVB	155476	147357	1.28%	0.228%
64	13.804	1956	1958	1960	rBV	234572	178323	1.55%	0.276%
65	13.827	1960	1962	1965	rVV	199356	183938	1.60%	0.285%
66	13.857	1965	1967	1969	rVV	213212	214737	1.87%	0.332%
67	13.904	1973	1975	1978	rVB	206133	190433	1.66%	0.295%
68	13.974	1984	1987	1993	rVB	209051	230195	2.00%	0.356%
69	14.051	1996	2000	2004	rVV2	1481109	2117822	18.44%	3.278%
70	14.086	2004	2006	2013	rVB	1290934	1140088	9.93%	1.765%
71	14.163	2017	2019	2022	rBV	313587	247304	2.15%	0.383%
72	14.945	2149	2152	2160	rVB3	324291	439882	3.83%	0.681%
73	15.121	2177	2182	2184	rBV	809184	1243834	10.83%	1.925%
74	15.227	2197	2200	2204	rVB	211405	245060	2.13%	0.379%
75	15.427	2231	2234	2240	rVB	503369	631060	5.49%	0.977%
76	15.498	2241	2246	2250	rVB	818485	1051416	9.15%	1.627%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
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Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.586	2259	2261	2271	rVB	254764	355890	3.10%	0.551%
78	17.080	2513	2515	2523	rVB	349571	555751	4.84%	0.860%

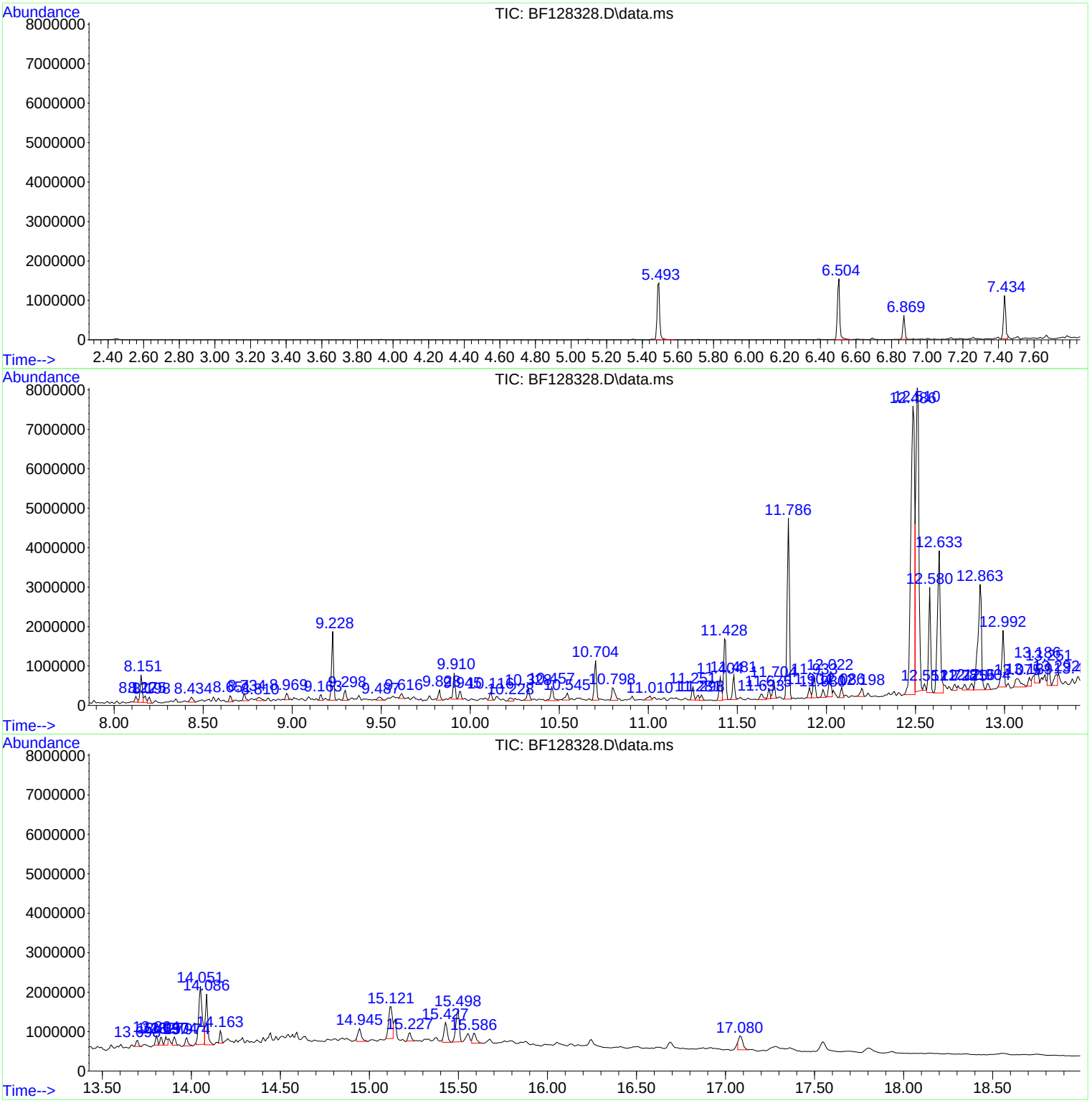
Sum of corrected areas: 64604249

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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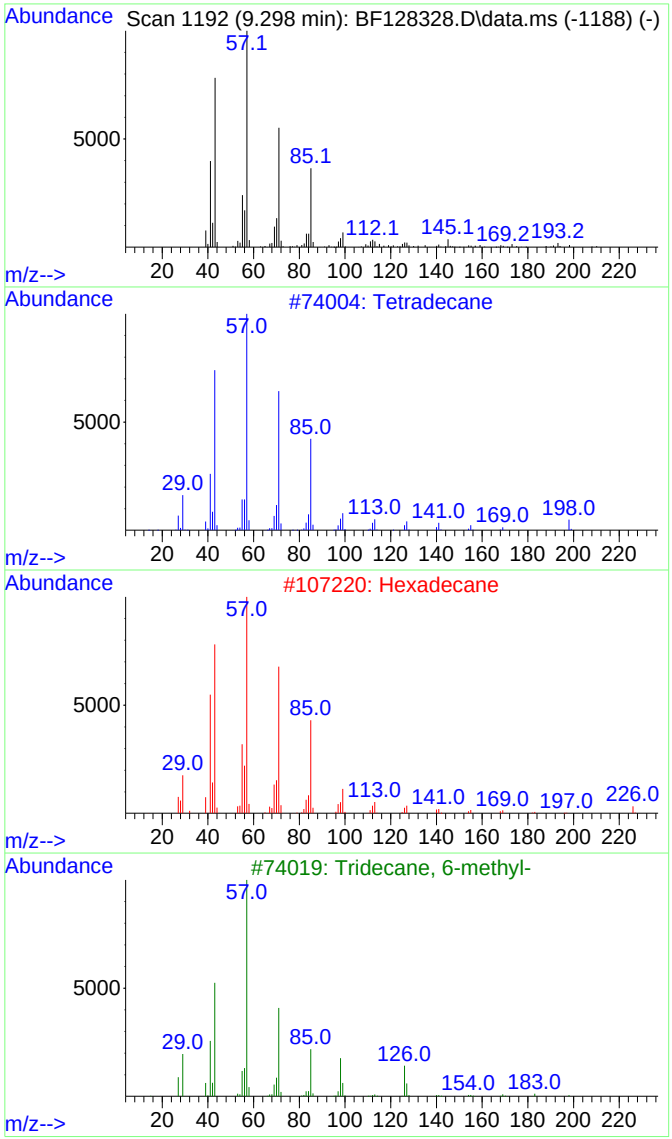
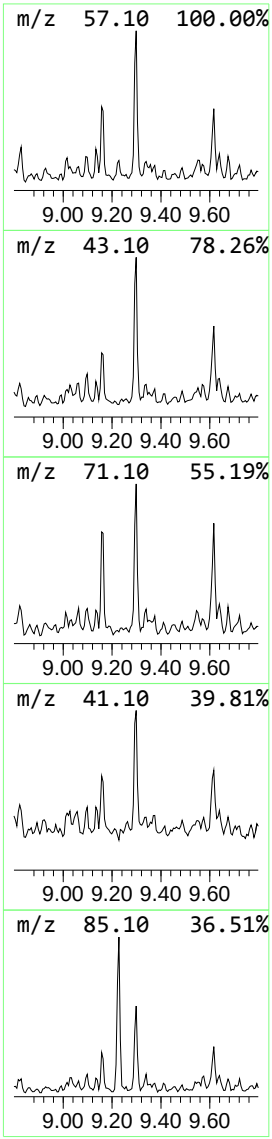
Peak Number 1 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	9.16 ng	227638	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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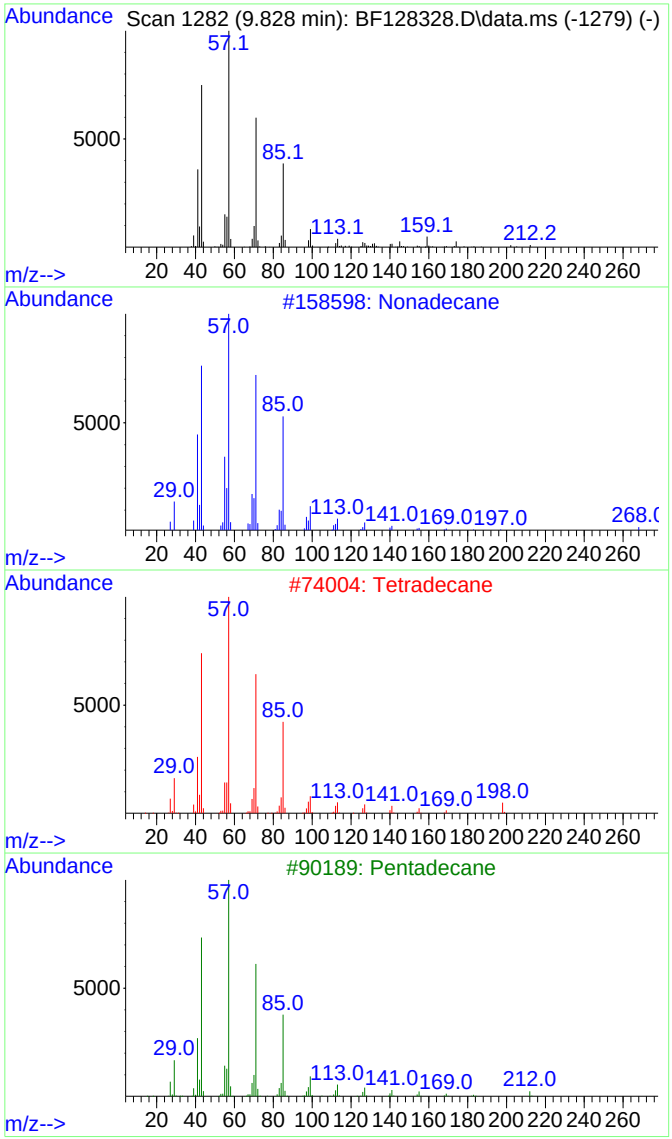
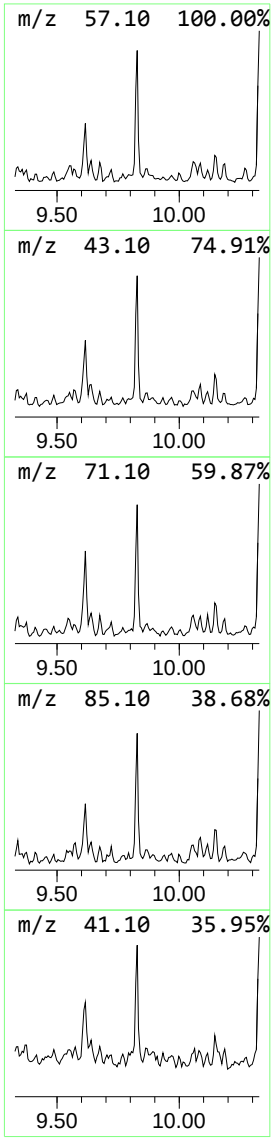
Peak Number 2 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	8.27 ng	205454	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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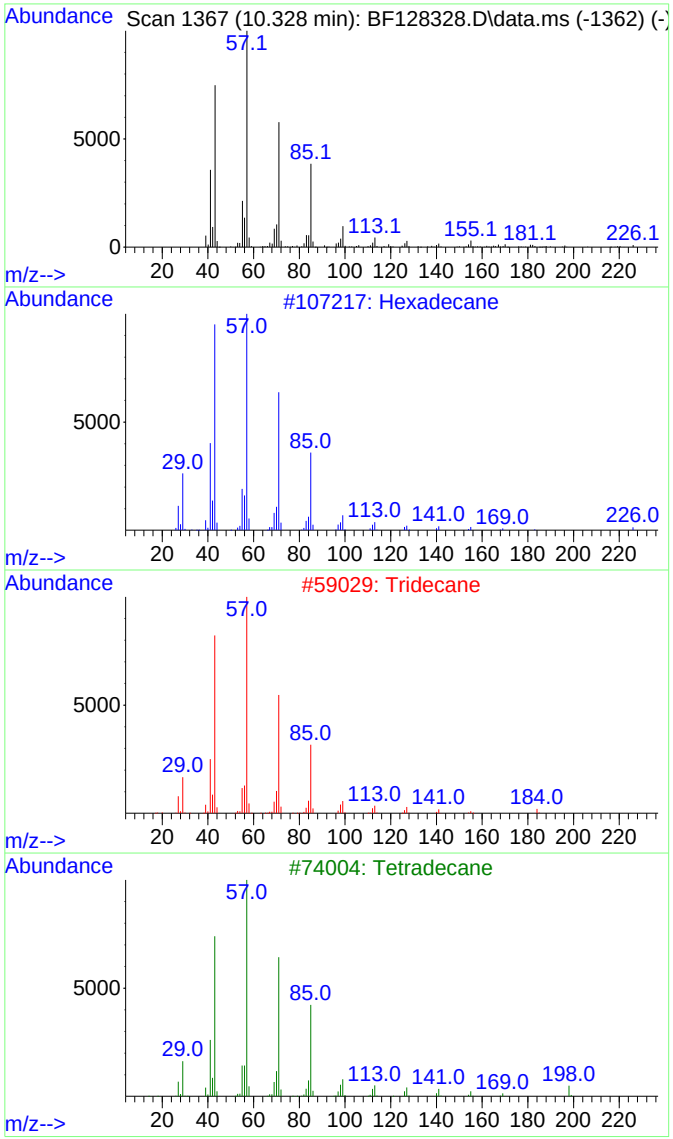
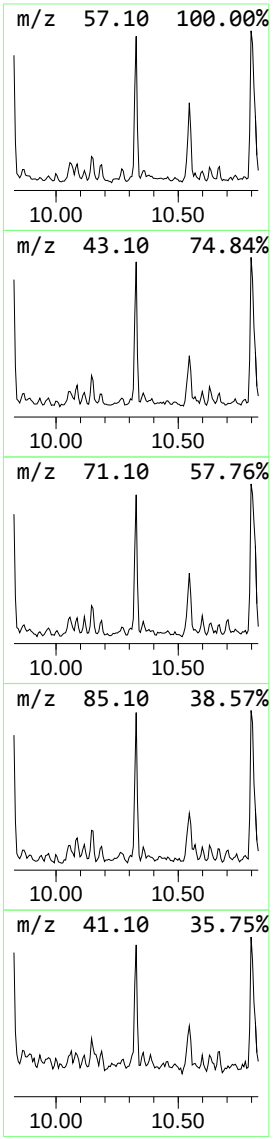
Peak Number 3 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	11.57 ng	287606	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane	184	C13H28	000629-50-5	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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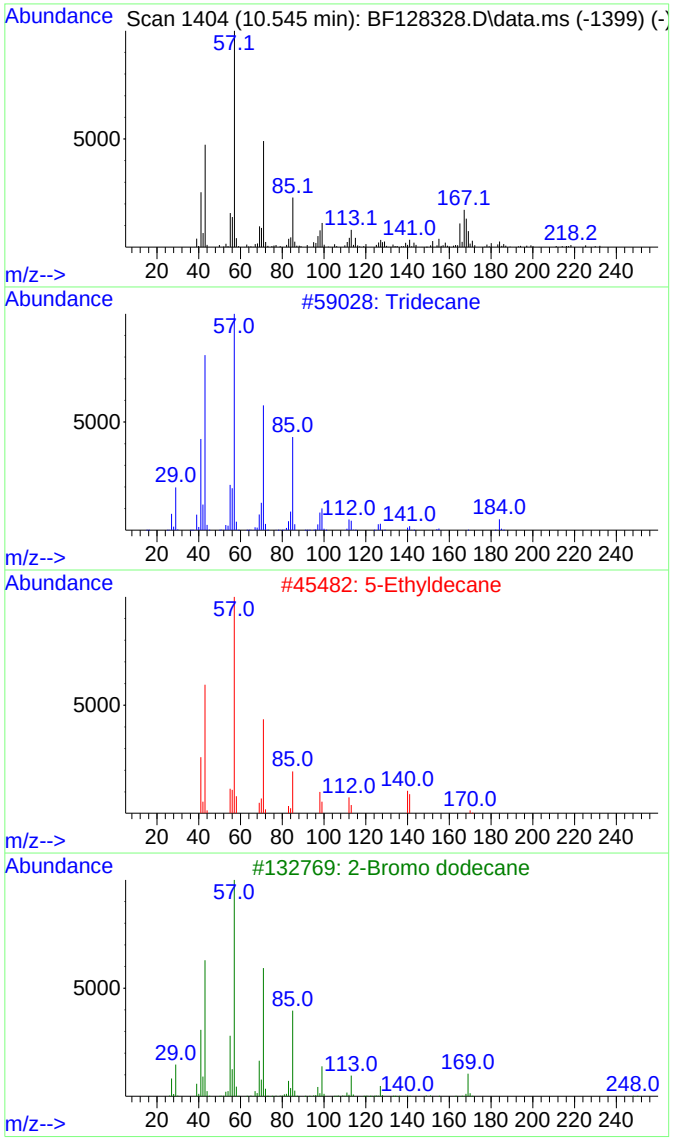
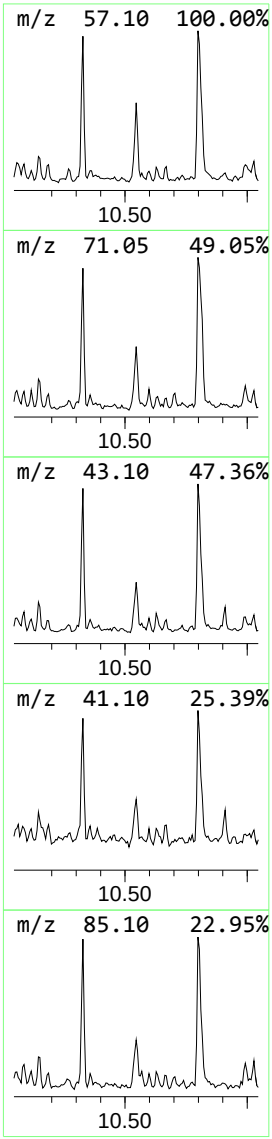
Peak Number 4 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	8.28 ng	205811	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	5-Ethyldecane	170	C12H26	017302-36-2	70
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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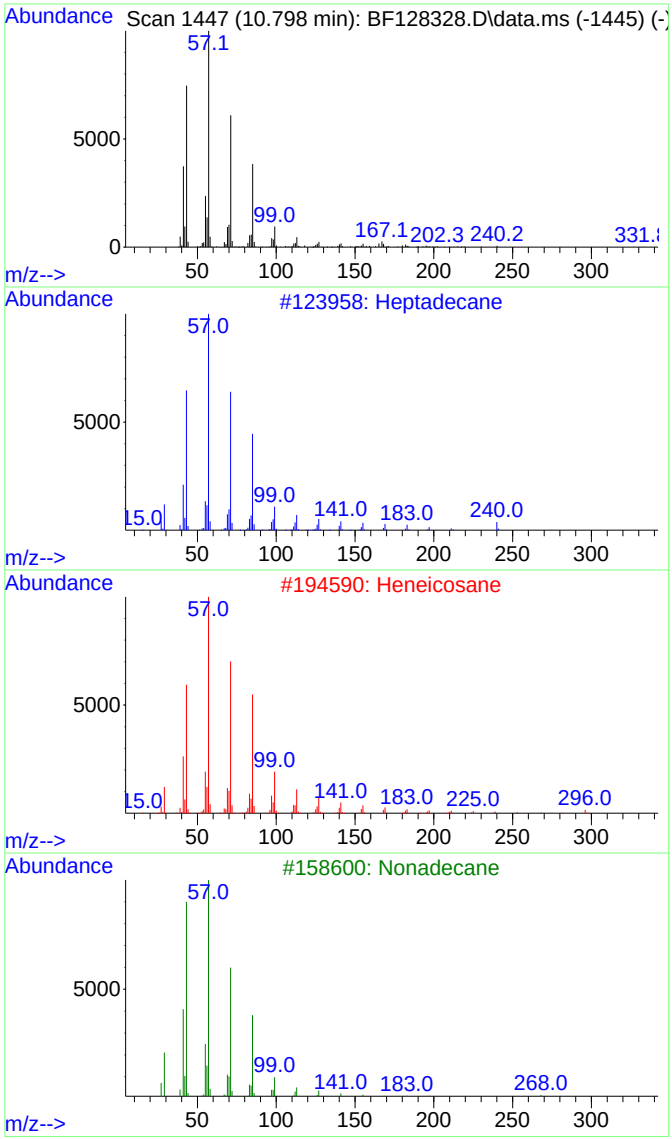
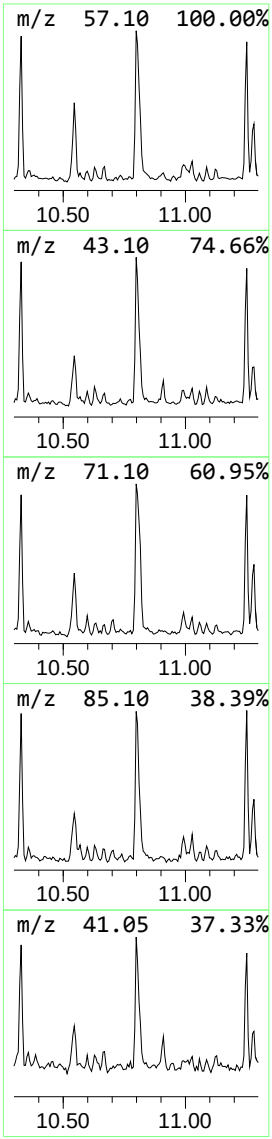
Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	15.04 ng	407414	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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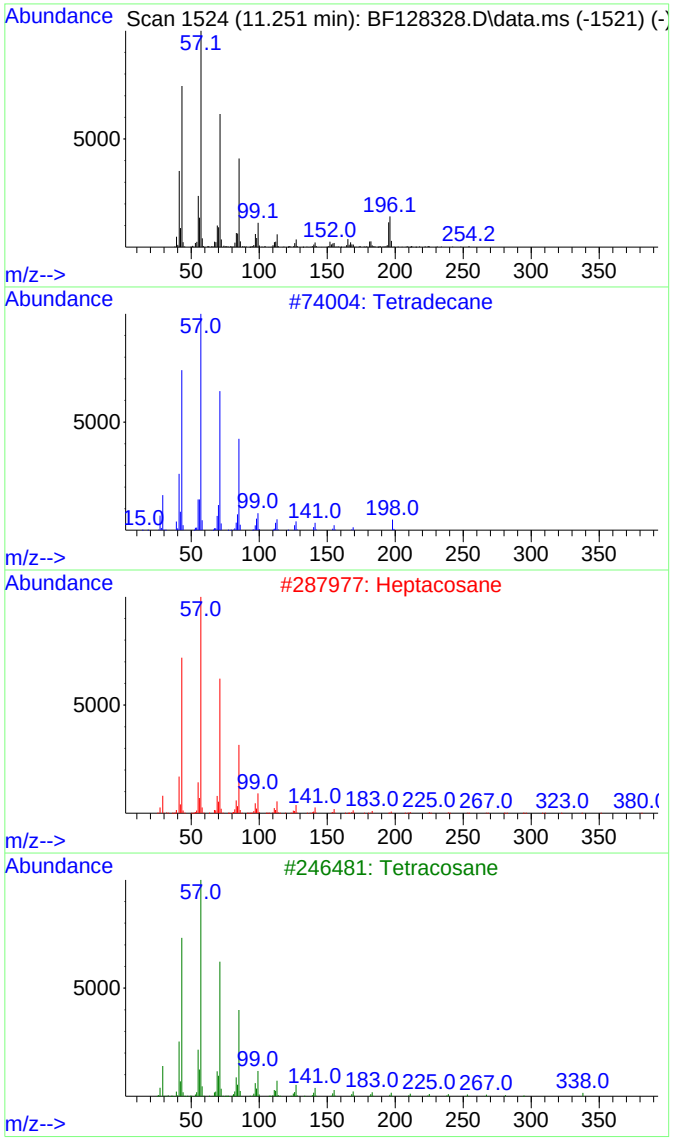
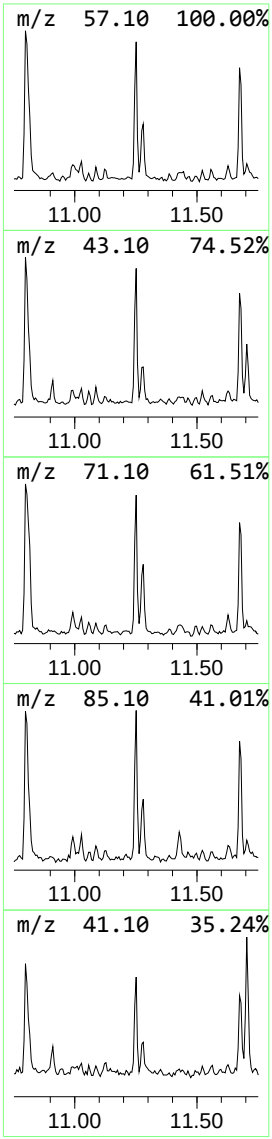
Peak Number 6 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	9.98 ng	270494	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Heptacosane	380	C27H56	000593-49-7	74
3	Tetracosane	338	C24H50	000646-31-1	74
4	Heneicosane	296	C21H44	000629-94-7	72
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

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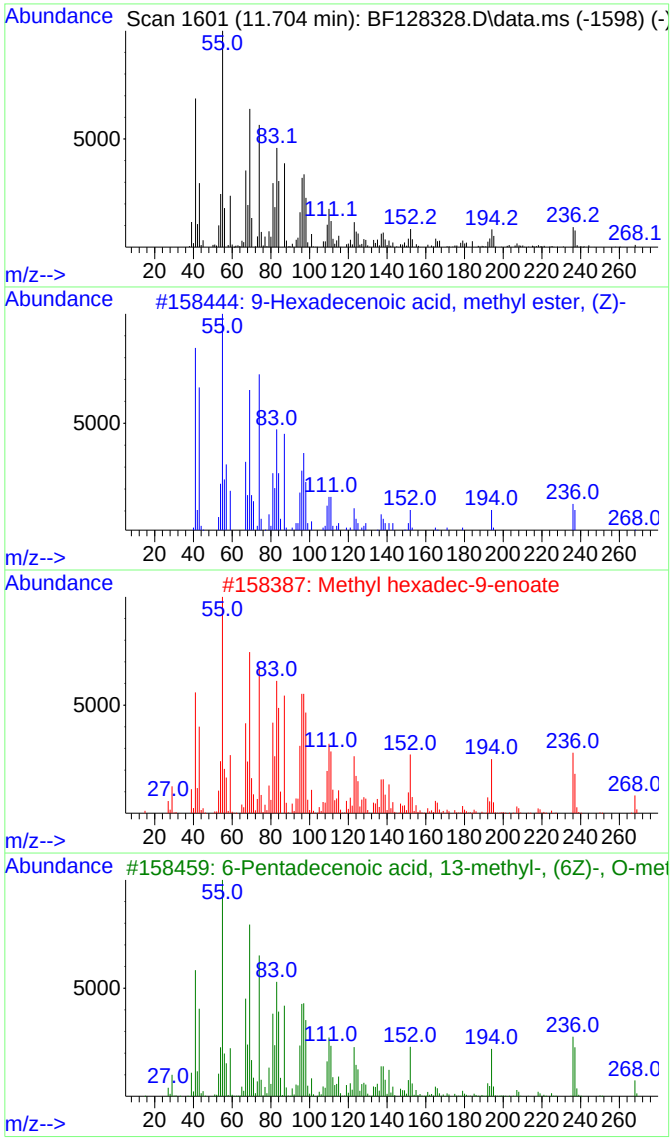
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

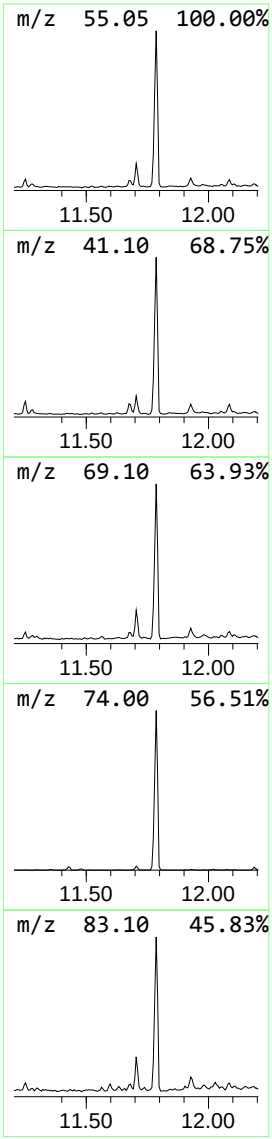
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9-Hexadecenoic acid, methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	13.85 ng	375392	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	90
3	6-Pentadecenoic acid, 13-methyl-...	268	C17H32O2	1000505-96-4	90
4	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	90
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87





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Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
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Instrument :
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ClientSampleId :
EO-02-051722

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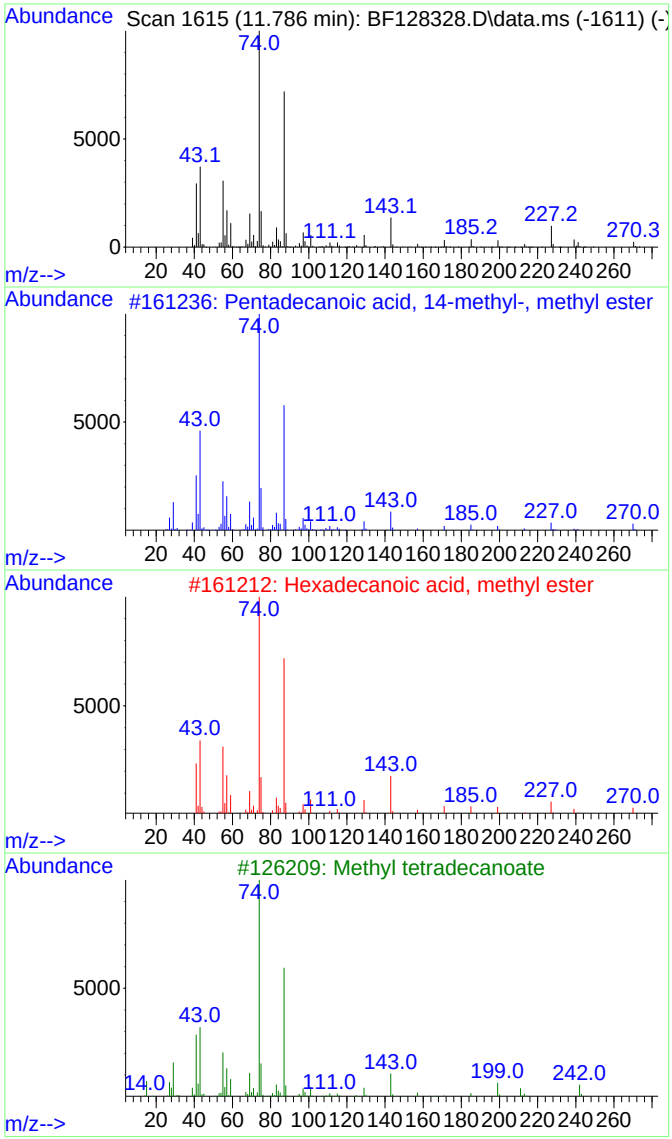
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

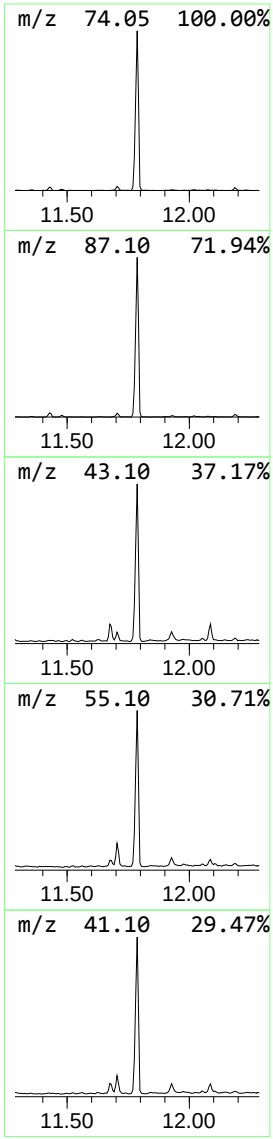
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	147.22 ng	3989150	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83





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Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

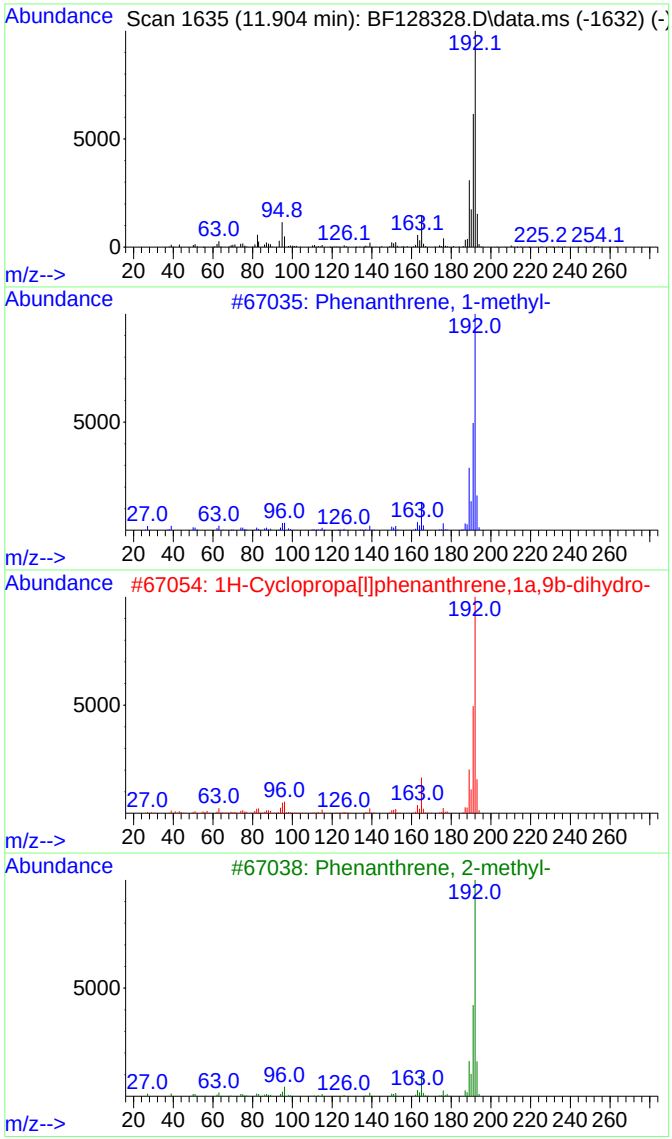
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

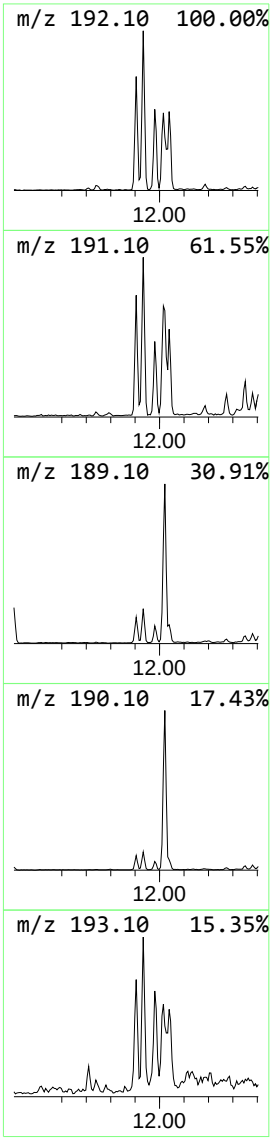
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	8.02 ng	217347	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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ClientSampleId :
EO-02-051722

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

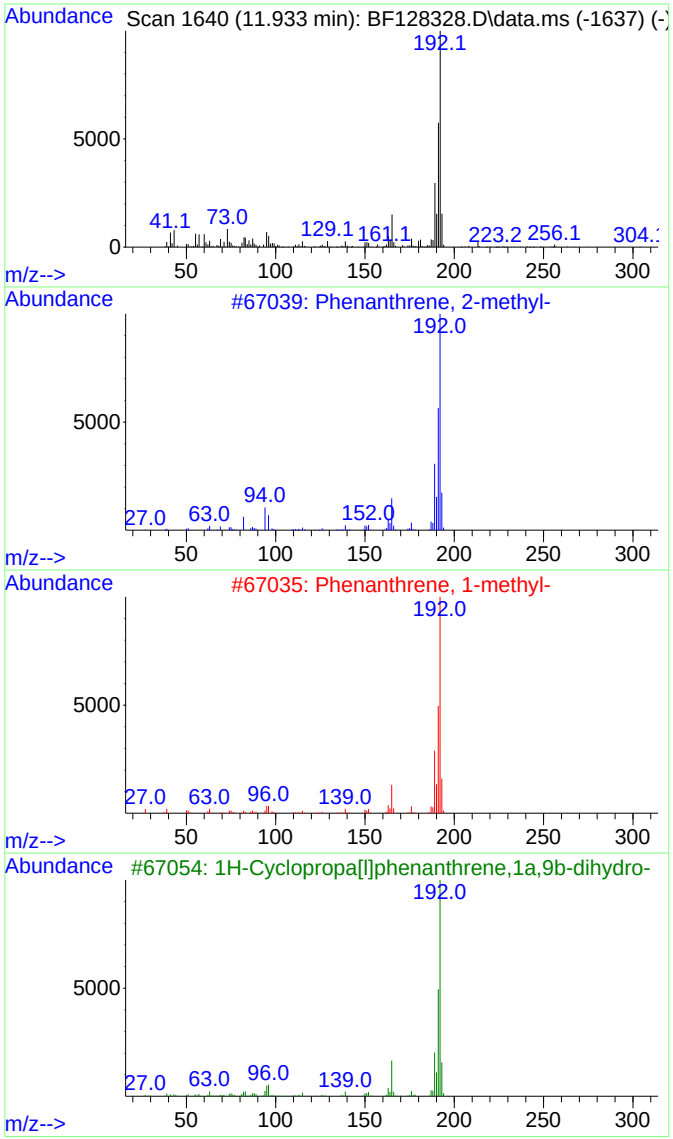
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

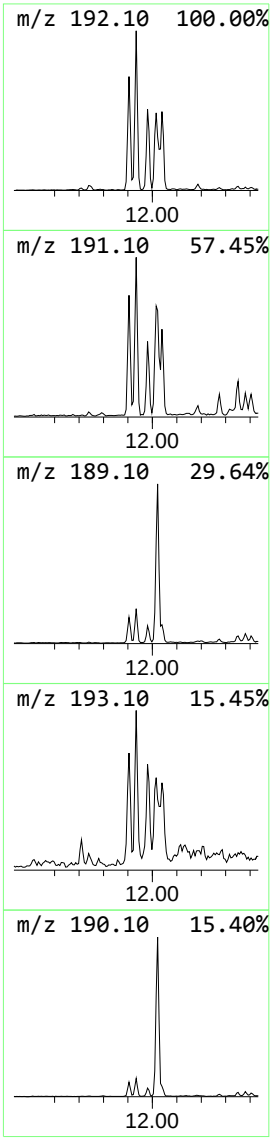
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	17.67 ng	478734	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
EO-02-051722

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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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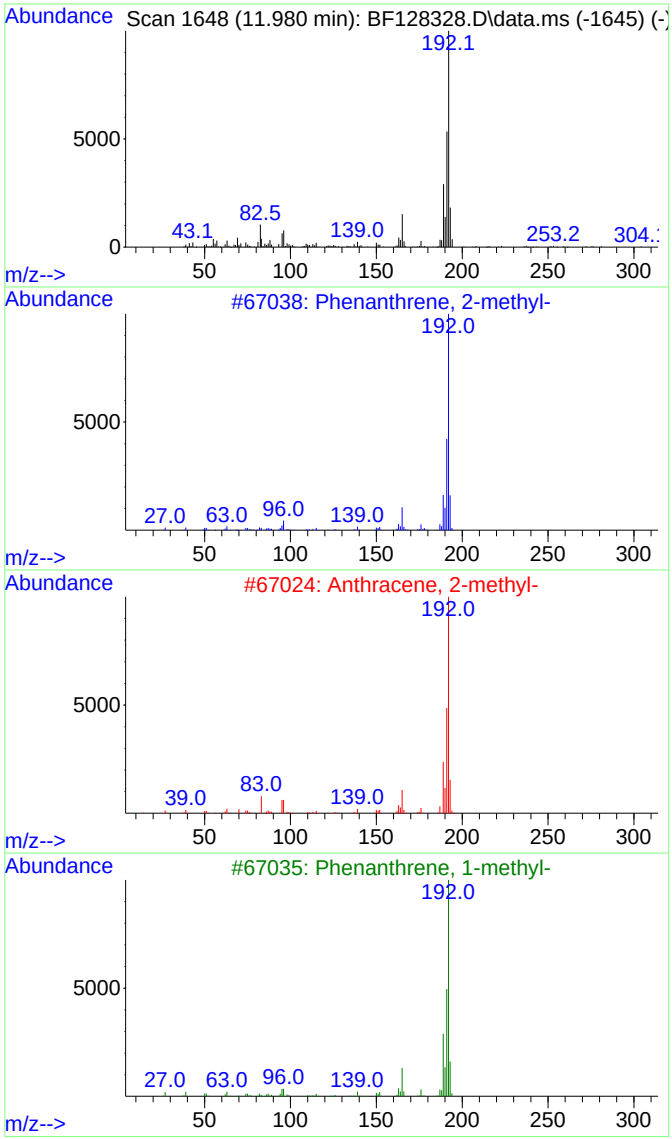
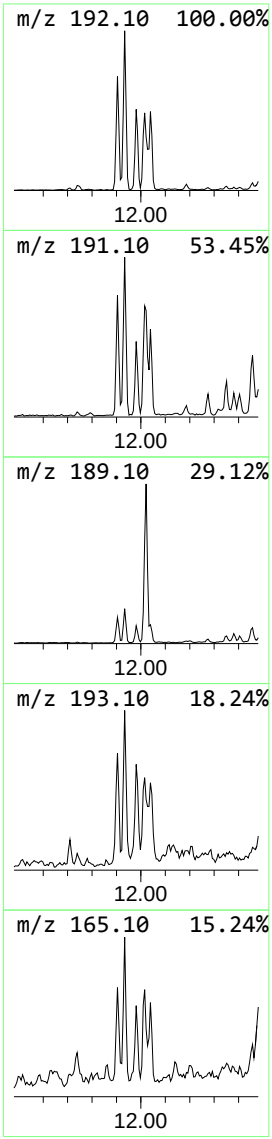
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	6.56 ng	177857	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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ClientSampleId :
EO-02-051722

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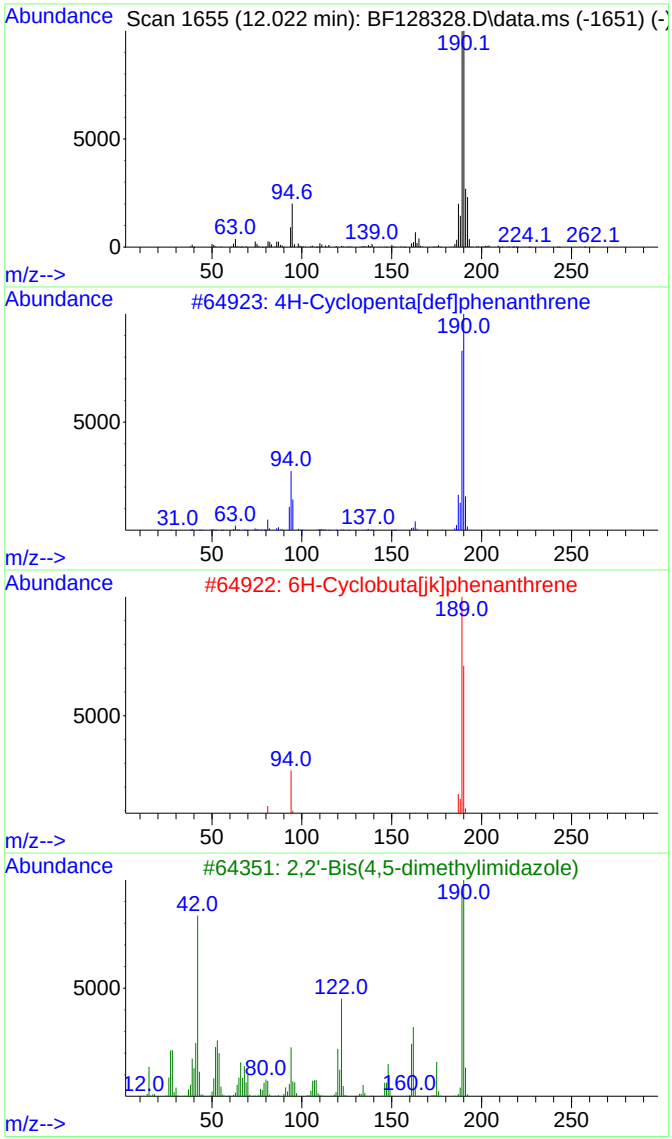
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

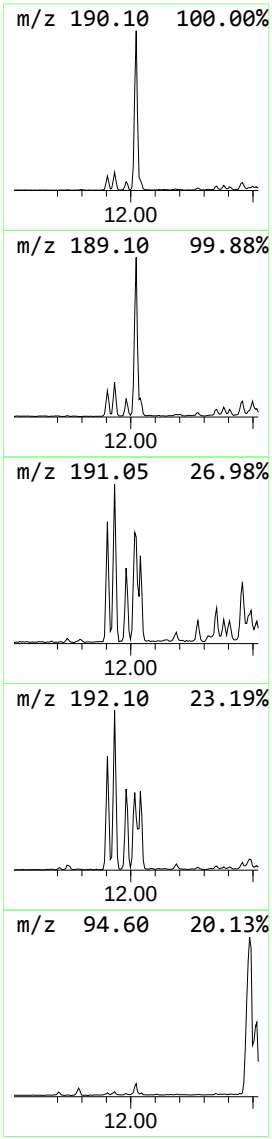
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	21.28 ng	576580	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	14
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14





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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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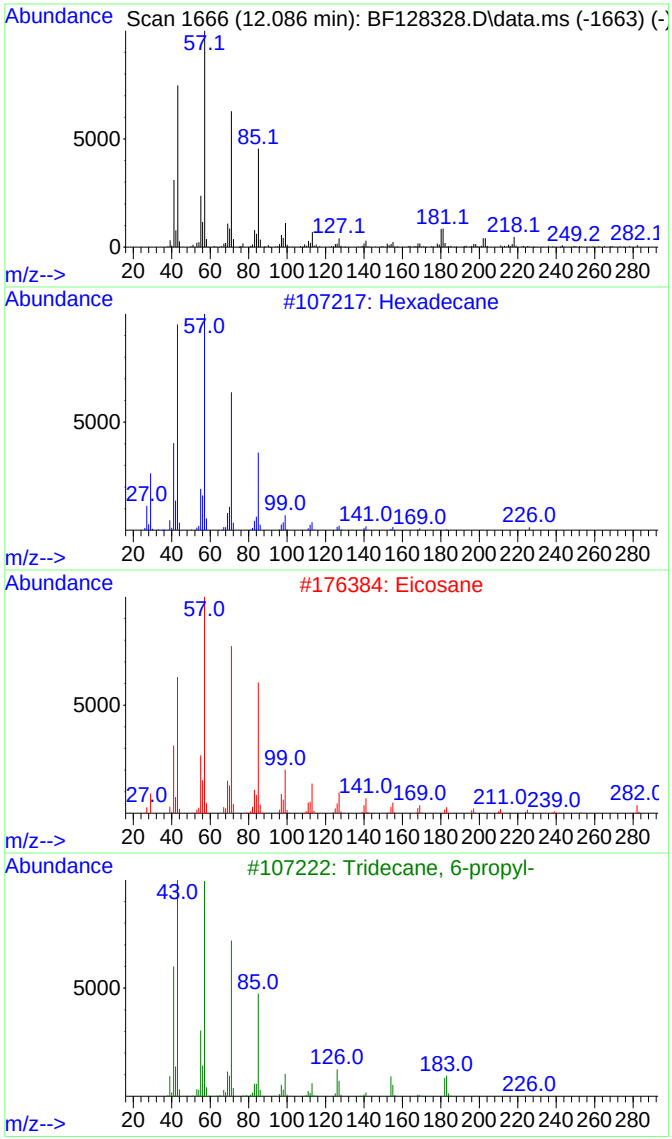
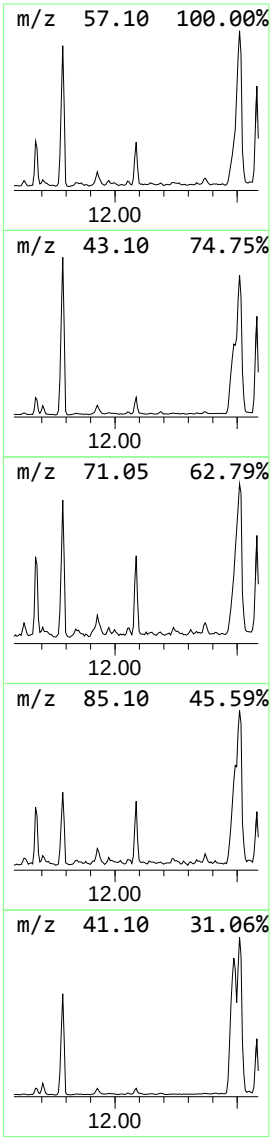
Peak Number 13 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	8.24 ng	223289	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Heptacosane	380	C27H56	000593-49-7	81
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	74





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

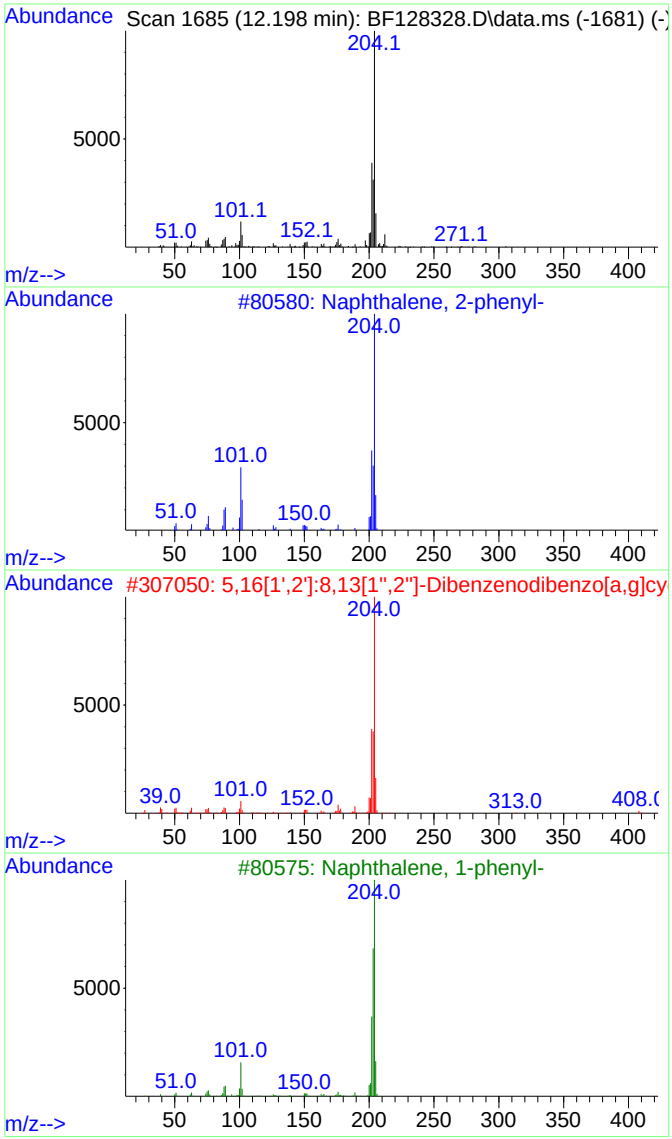
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

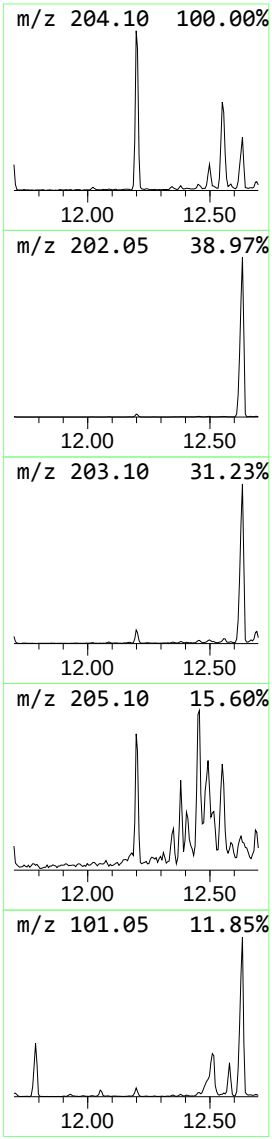
****

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	7.91 ng	214272	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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

TIC Library : C:\Database\NIST20.L
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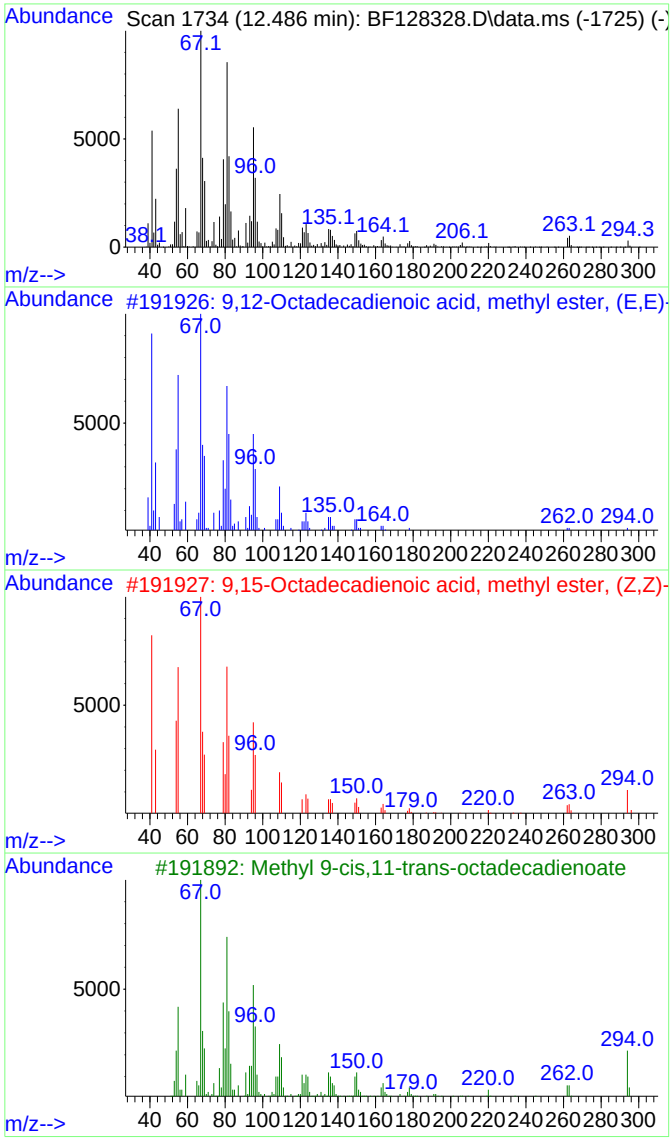
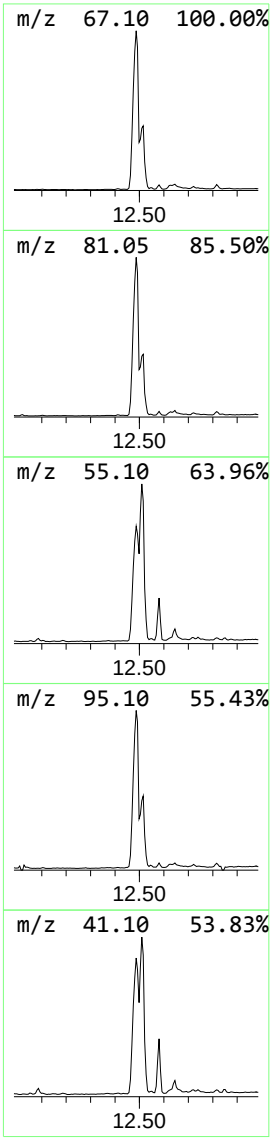
****
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	423.91 ng	11486500	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97





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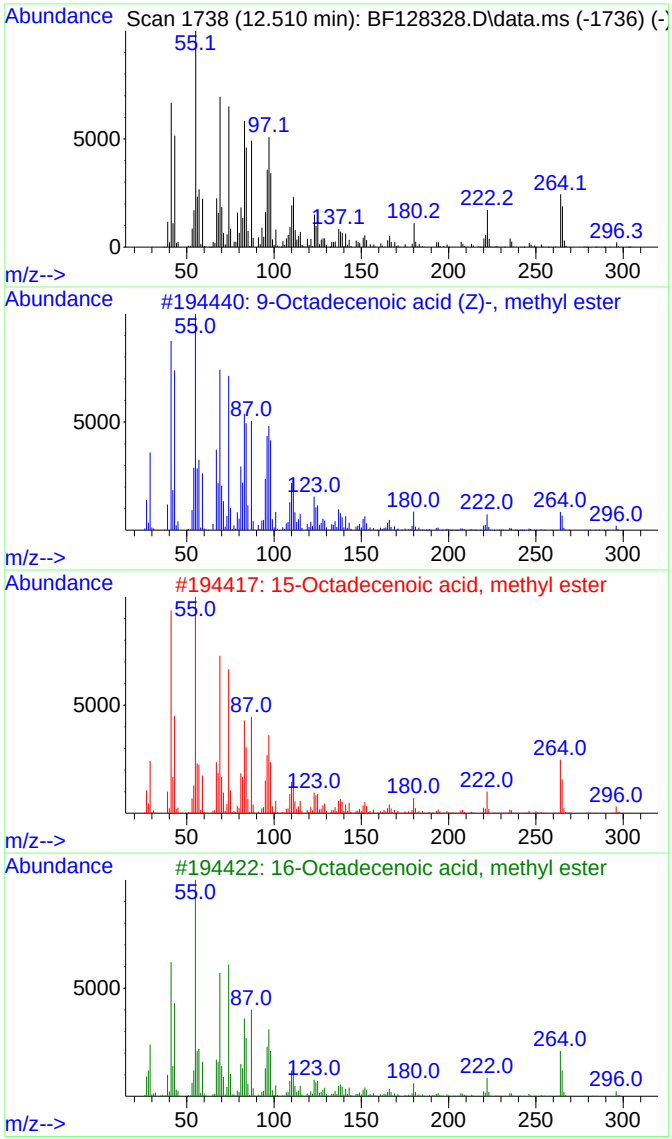
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

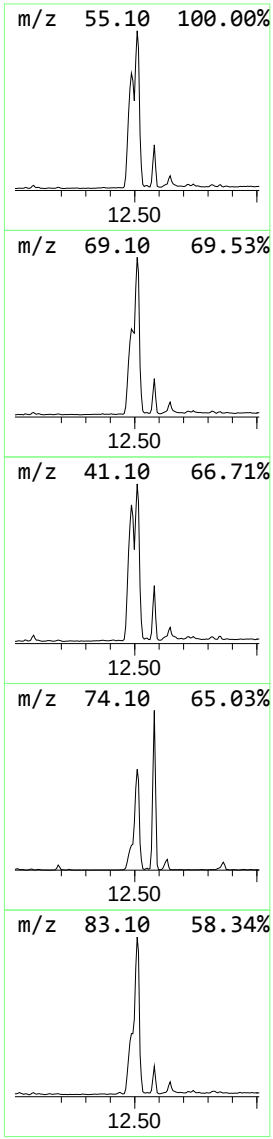
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	321.02 ng	8698560	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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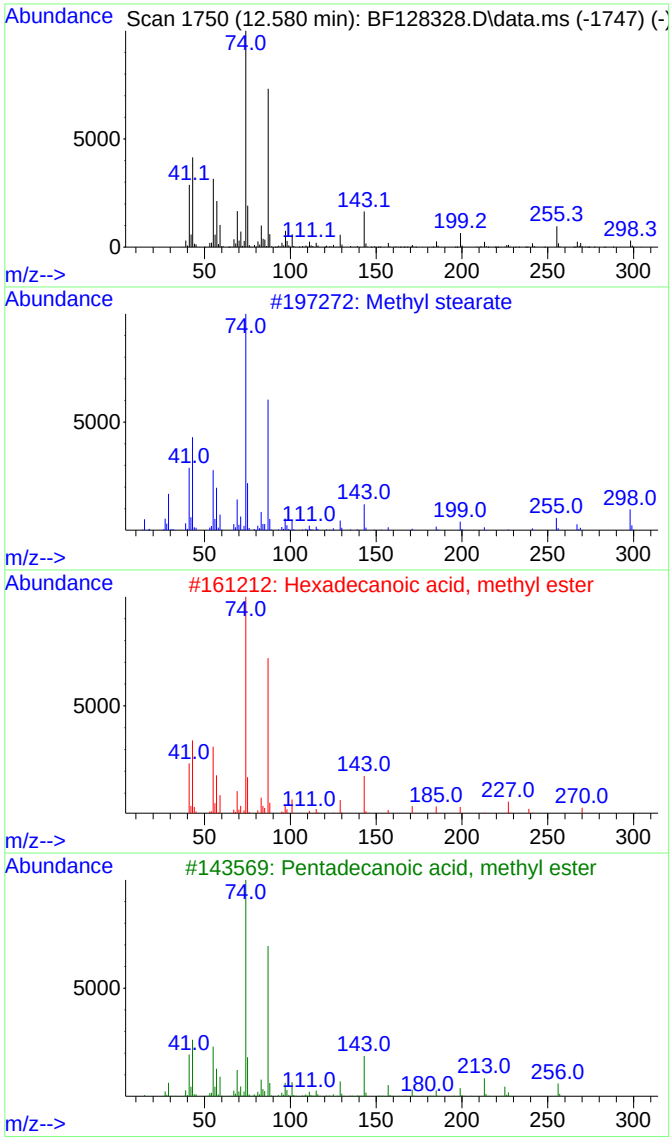
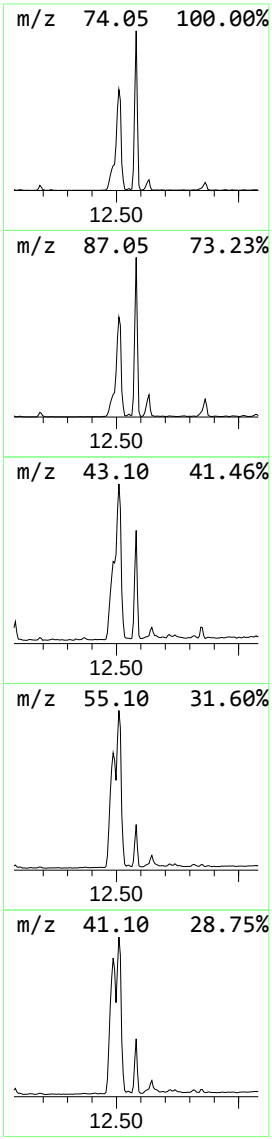
Peak Number 17 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	76.71 ng	2078580	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	93
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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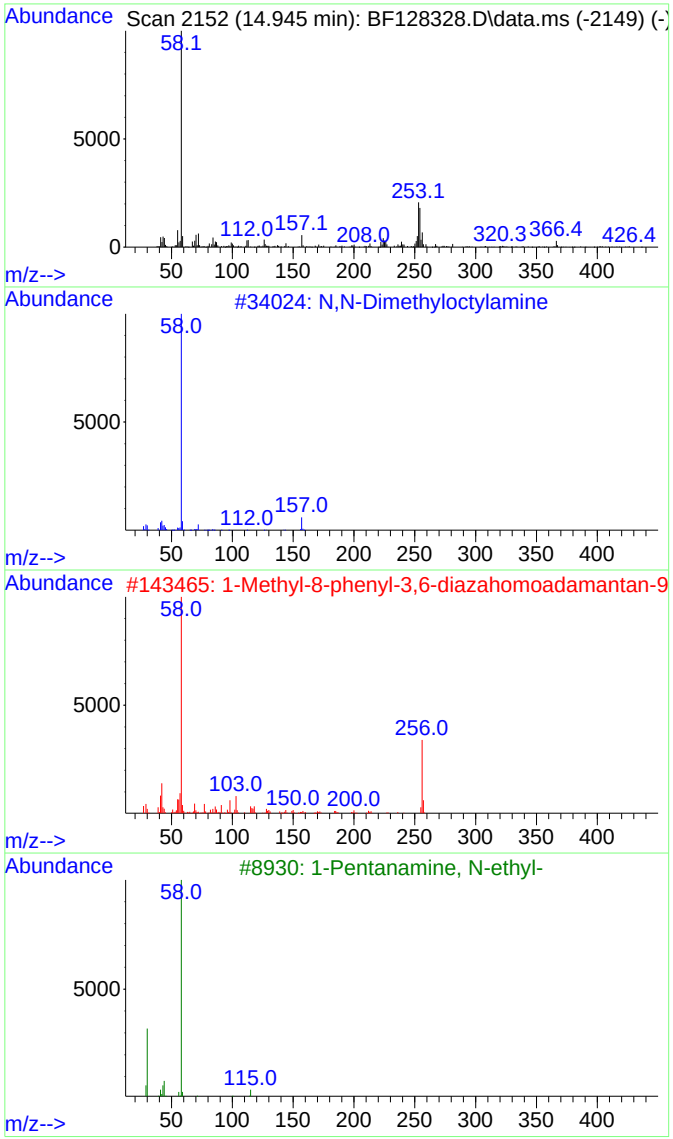
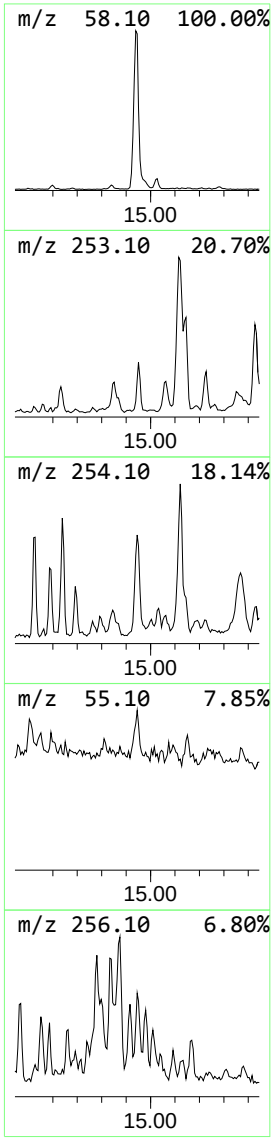
Peak Number 18 unknown14.945 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	24.72 ng	439882	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	49
2	1-Methyl-8-phenyl-3,6-diazahomoa...	256	C16H20N2O	130913-44-9	49
3	1-Pentanamine, N-ethyl-	115	C7H17N	017839-26-8	49
4	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	49
5	2-(Dimethylamino)ethyl vaccenoate	353	C22H43NO2	1000465-15-9	47





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Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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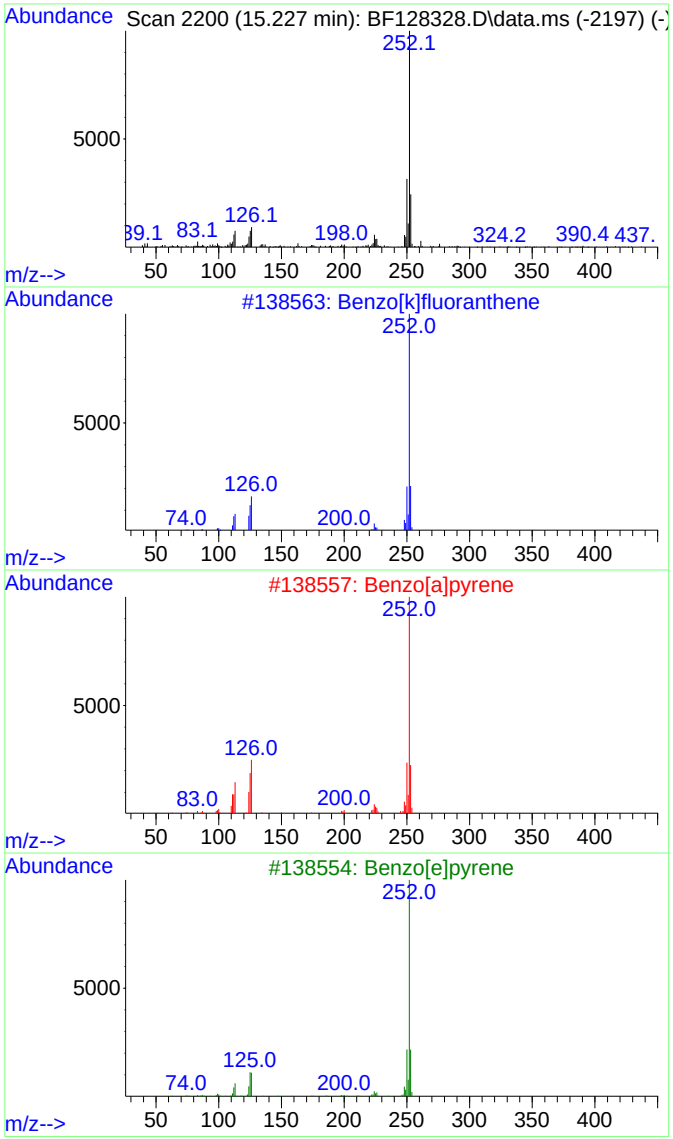
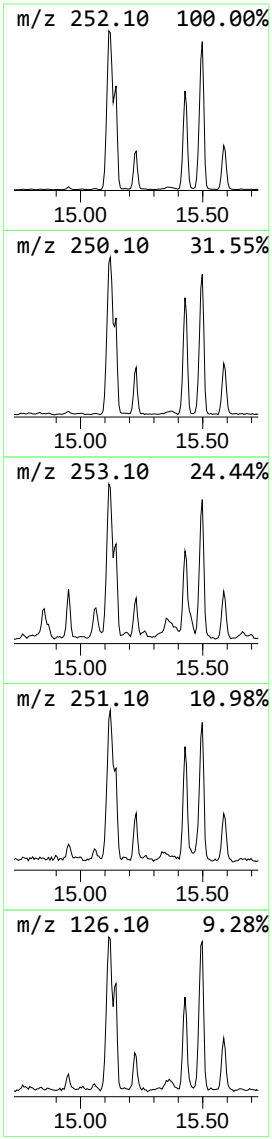
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	13.77 ng	245060	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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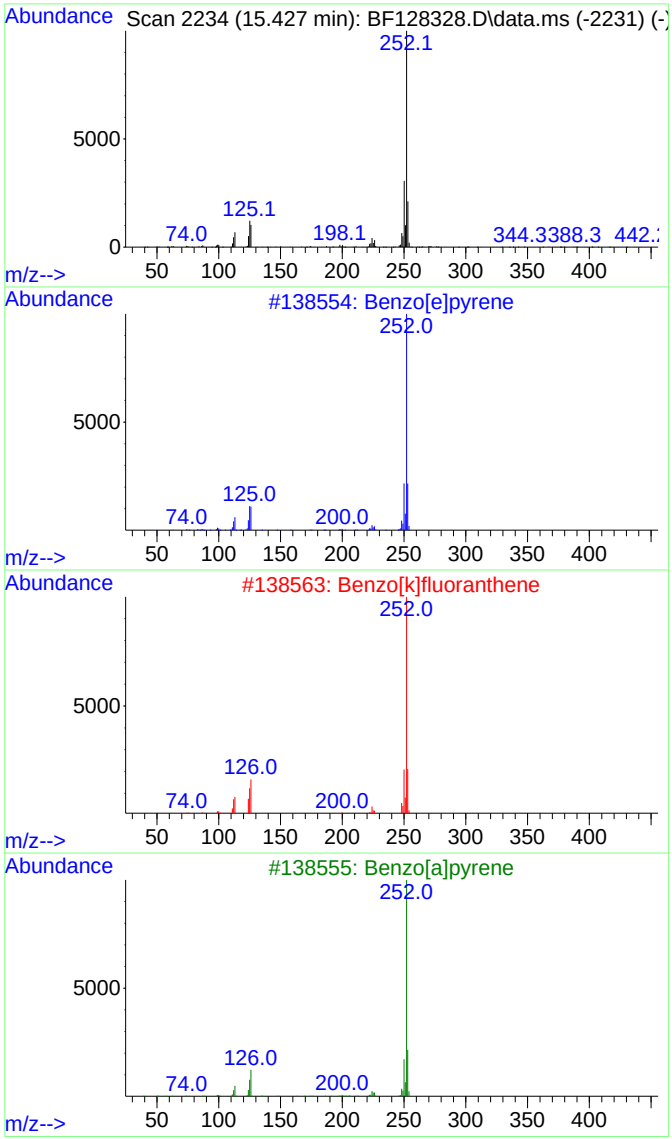
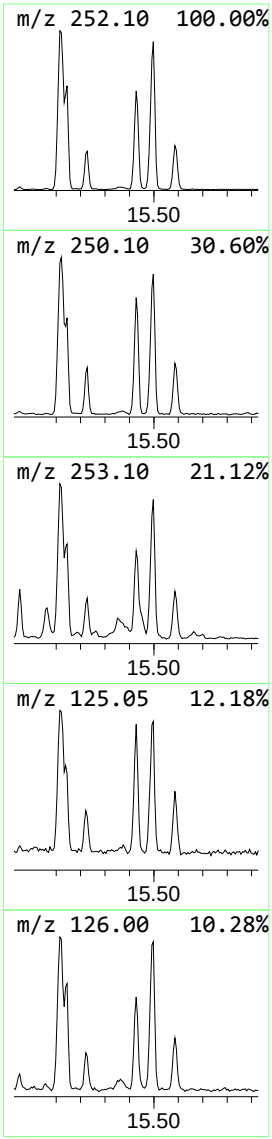
Peak Number 20 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	35.46 ng	631060	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128328.D
Acq On : 18 May 2022 23:22
Operator : CG\JU
Sample : N2901-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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
Tetradecane	9.298	9.2	ng	227638	3	9.910	497108	20.0
Nonadecane	9.828	8.3	ng	205454	3	9.910	497108	20.0
Hexadecane	10.328	11.6	ng	287606	3	9.910	497108	20.0
Tridecane	10.545	8.3	ng	205811	3	9.910	497108	20.0
Heptadecane	10.798	15.0	ng	407414	4	11.404	541934	20.0
Heptacosane	11.251	10.0	ng	270494	4	11.404	541934	20.0
9-Hexadecenoic ...	11.704	13.9	ng	375392	4	11.404	541934	20.0
Pentadecanoic a...	11.786	147.2	ng	3989150	4	11.404	541934	20.0
Phenanthrene, 1...	11.904	8.0	ng	217347	4	11.404	541934	20.0
Phenanthrene, 2...	11.933	17.7	ng	478734	4	11.404	541934	20.0
Anthracene, 2-m...	11.980	6.6	ng	177857	4	11.404	541934	20.0
4H-Cyclopenta[d...	12.022	21.3	ng	576580	4	11.404	541934	20.0
Eicosane	12.086	8.2	ng	223289	4	11.404	541934	20.0
Naphthalene, 2-...	12.198	7.9	ng	214272	4	11.404	541934	20.0
9,12-Octadecadi...	12.486	423.9	ng	11486500	4	11.404	541934	20.0
9-Octadecenoic ...	12.510	321.0	ng	8698560	4	11.404	541934	20.0
Methyl stearate	12.580	76.7	ng	2078580	4	11.404	541934	20.0
unknown14.945	14.945	24.7	ng	439882	6	15.557	355890	20.0
Benzo[e]pyrene	15.227	13.8	ng	245060	6	15.557	355890	20.0
Perylene	15.427	35.5	ng	631060	6	15.557	355890	20.0