LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112116.D
Acq On : 18 Jan 2019 10:09
Operator : JU/SJ
Sample : K1157-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-02-011519

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	5	9	16	rVB	128015	175939	2.65%	0.216%
2	5.075	503	508	518	rVB	287176	342583	5.16%	0.421%
3	5.493	575	579	591	rBV	5181969	5322819	80.23%	6.544%
4	6.504	746	751	769	rBV	5670990	5693440	85.82%	6.999%
5	6.634	769	773	776	rBV	6504138	5826803	87.83%	7.163%
6	6.857	807	811	819	rBV	2140721	1722890	25.97%	2.118%
7	7.016	834	838	841	rBV	5478891	4682038	70.57%	5.756%
8	7.416	901	906	909	rBV	3929283	3597463	54.23%	4.423%
9	7.616	937	940	943	rVB	81246	66784	1.01%	0.082%
10	8.139	1025	1029	1032	rBV	2474652	2197924	33.13%	2.702%
11	9.210	1207	1211	1215	rBV	6725457	6634257	100.00%	8.156%
12	9.551	1260	1269	1271	rBV	120675	141165	2.13%	0.174%
13	9.604	1275	1278	1282	rVB	541827	498624	7.52%	0.613%
14	9.751	1300	1303	1307	rBV	254877	228392	3.44%	0.281%
15	9.810	1309	1313	1317	rVB3	45108	84836	1.28%	0.104%
16	9.892	1323	1327	1331	rBV2	2739741	2348644	35.40%	2.887%
17	10.092	1357	1361	1365	rBV	117170	122748	1.85%	0.151%
18	10.210	1377	1381	1383	rBV2	72726	77240	1.16%	0.095%
19	10.298	1392	1396	1399	rBV	135467	191464	2.89%	0.235%
20	10.439	1417	1420	1426	rVB2	147840	159983	2.41%	0.197%
21	10.680	1456	1461	1465	rBV	3941021	3793507	57.18%	4.664%
22	10.804	1478	1482	1488	rVB3	105638	150271	2.27%	0.185%
23	10.880	1492	1495	1500	rBV5	42821	67748	1.02%	0.083%
24	10.986	1508	1513	1516	rBV4	78130	104843	1.58%	0.129%
25	11.116	1530	1535	1537	rBV3	58020	67569	1.02%	0.083%
26	11.180	1544	1546	1550	rVB2	100714	96253	1.45%	0.118%
27	11.275	1559	1562	1567	rVB	119501	118916	1.79%	0.146%
28	11.380	1576	1580	1582	rBV	2428341	2253667	33.97%	2.771%
29	11.404	1582	1584	1587	rVV	1673264	1297432	19.56%	1.595%
30	11.451	1590	1592	1595	rVB	203585	175963	2.65%	0.216%
31	11.610	1613	1619	1621	rBV	114262	147330	2.22%	0.181%
32	11.669	1626	1629	1632	rVV3	97639	113728	1.71%	0.140%
33	11.710	1633	1636	1641	rVB	125533	126577	1.91%	0.156%
34	11.880	1662	1665	1667	rBV	433615	370429	5.58%	0.455%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : WC-02-011519

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.910	1667	1670	1675	rVB2	719891	748161	11.28%	0.920%
36	11.992	1680	1684	1686	rVV2	502661	533835	8.05%	0.656%
37	12.016	1686	1688	1692	rVB	328618	259903	3.92%	0.320%
38	12.175	1712	1715	1717	rBV	208788	174816	2.64%	0.215%
39	12.198	1717	1719	1726	rVB2	202399	212788	3.21%	0.262%
40	12.327	1738	1741	1743	rVB	84205	76377	1.15%	0.094%
41	12.357	1743	1746	1748	rBV	145797	107604	1.62%	0.132%
42	12.380	1748	1750	1753	rVB	115700	86712	1.31%	0.107%
43	12.433	1755	1759	1762	rBV	365198	411100	6.20%	0.505%
44	12.463	1762	1764	1767	rVV2	192024	220997	3.33%	0.272%
45	12.486	1767	1768	1770	rVB	118060	71246	1.07%	0.088%
46	12.516	1770	1773	1778	rBV2	197840	217027	3.27%	0.267%
47	12.592	1782	1786	1790	rVV	2071609	1715082	25.85%	2.108%
48	12.657	1795	1797	1799	rVB2	88940	68955	1.04%	0.085%
49	12.686	1799	1802	1806	rBV	284928	289203	4.36%	0.356%
50	12.822	1819	1825	1831	rBV	2015310	1967565	29.66%	2.419%
51	12.880	1831	1835	1837	rVB3	134449	164202	2.48%	0.202%
52	12.963	1845	1849	1852	rBV	5840342	5134125	77.39%	6.312%
53	13.039	1858	1862	1866	rBV3	214107	325846	4.91%	0.401%
54	13.127	1874	1877	1878	rVV3	182041	187014	2.82%	0.230%
55	13.151	1878	1881	1886	rVV	303521	357237	5.38%	0.439%
56	13.216	1890	1892	1895	rVV	160796	128018	1.93%	0.157%
57	13.257	1895	1899	1902	rVV2	292633	283048	4.27%	0.348%
58	13.345	1911	1914	1917	rBV	233681	192394	2.90%	0.237%
59	13.374	1917	1919	1923	rVV	200562	195157	2.94%	0.240%
60	13.657	1964	1967	1972	rVB	232992	263565	3.97%	0.324%
61	13.769	1982	1986	1989	rBV2	170776	261584	3.94%	0.322%
62	13.798	1989	1991	1993	rVB	145234	116560	1.76%	0.143%
63	13.821	1993	1995	1997	rBV	123831	119894	1.81%	0.147%
64	13.851	1997	2000	2006	rVB3	624649	865075	13.04%	1.063%
65	14.021	2021	2029	2031	rBV2	2571082	3086006	46.52%	3.794%
66	14.045	2031	2033	2041	rVB	974337	906554	13.66%	1.114%
67	14.104	2041	2043	2045	rBV3	76416	82393	1.24%	0.101%
68	14.174	2051	2055	2059	rBV4	217864	313472	4.73%	0.385%
69	14.368	2086	2088	2090	rBV	78313	67212	1.01%	0.083%
70	14.404	2090	2094	2097	rVV	274815	302898	4.57%	0.372%
71	14.439	2097	2100	2103	rVV	167011	159224	2.40%	0.196%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : WC-02-011519

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.486	2104	2108	2113	rBV4	587542	718910	10.84%	0.884%
73	14.533	2113	2116	2118	rBV	169046	154497	2.33%	0.190%
74	14.786	2156	2159	2163	rBV	541274	560886	8.45%	0.690%
75	14.863	2170	2172	2175	rBV2	117539	120213	1.81%	0.148%
76	14.933	2181	2184	2187	rVB2	252645	231443	3.49%	0.285%
77	15.063	2202	2206	2209	rBV	755004	1076105	16.22%	1.323%
78	15.127	2213	2217	2220	rBV	859879	1019523	15.37%	1.253%
79	15.368	2254	2258	2264	rVB	512094	650762	9.81%	0.800%
80	15.427	2264	2268	2274	rBV	645621	804809	12.13%	0.989%
81	15.498	2275	2280	2292	rBV2	1911999	3379319	50.94%	4.154%
82	15.945	2351	2356	2361	rBV	752927	1126116	16.97%	1.384%
83	16.451	2437	2442	2447	rBV	273239	452727	6.82%	0.557%
84	16.968	2525	2530	2537	rVV2	289624	574203	8.66%	0.706%
85	17.045	2539	2543	2552	rVB	187428	368703	5.56%	0.453%
86	17.415	2601	2606	2613	rVB	223524	431767	6.51%	0.531%

Sum of corrected areas: 81343101

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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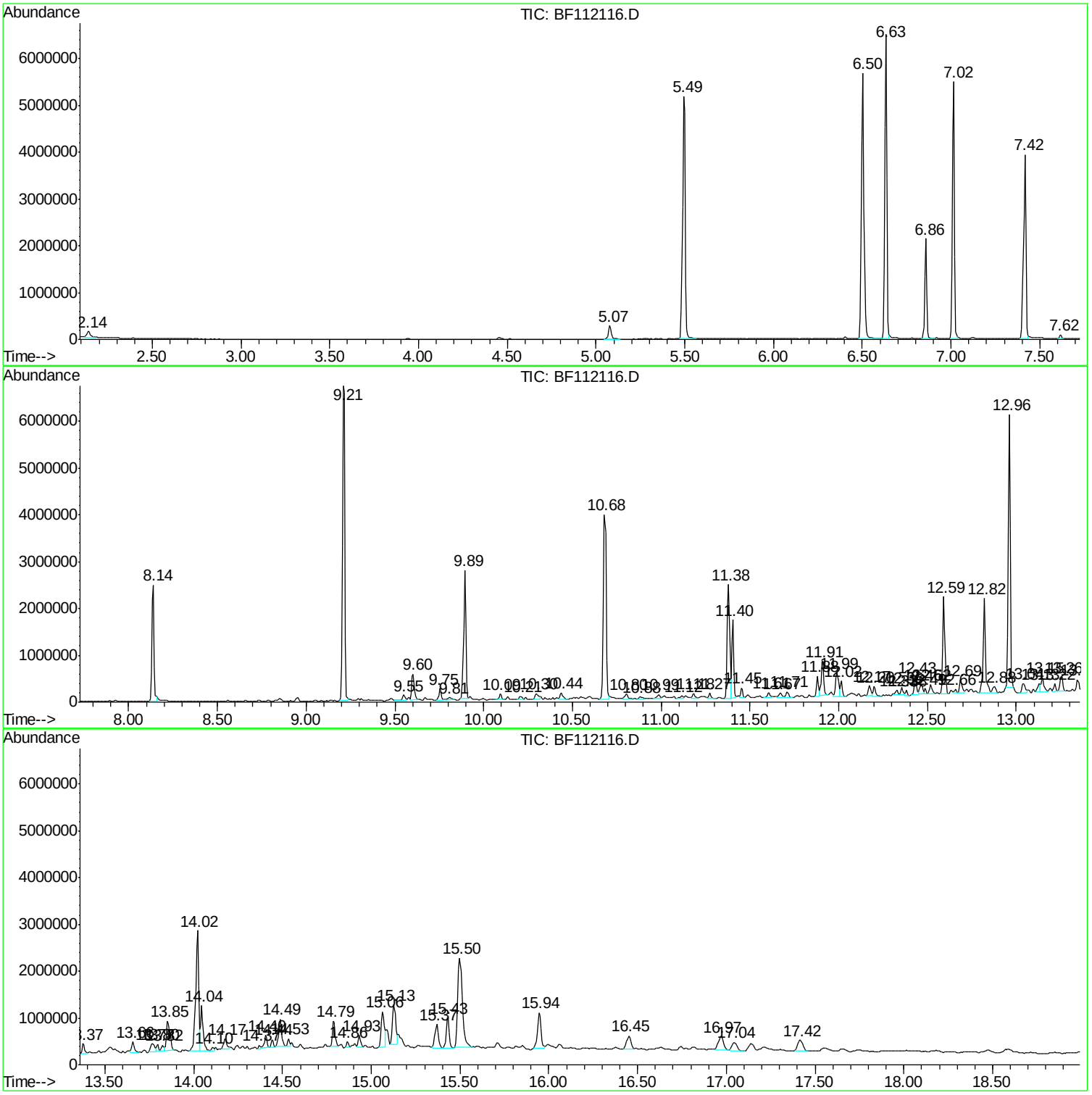
Operator : JU/SJ
Sample : K1157-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-02-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112116.D
Acq On : 18 Jan 2019 10:09
Operator : JU/SJ
Sample : K1157-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-02-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

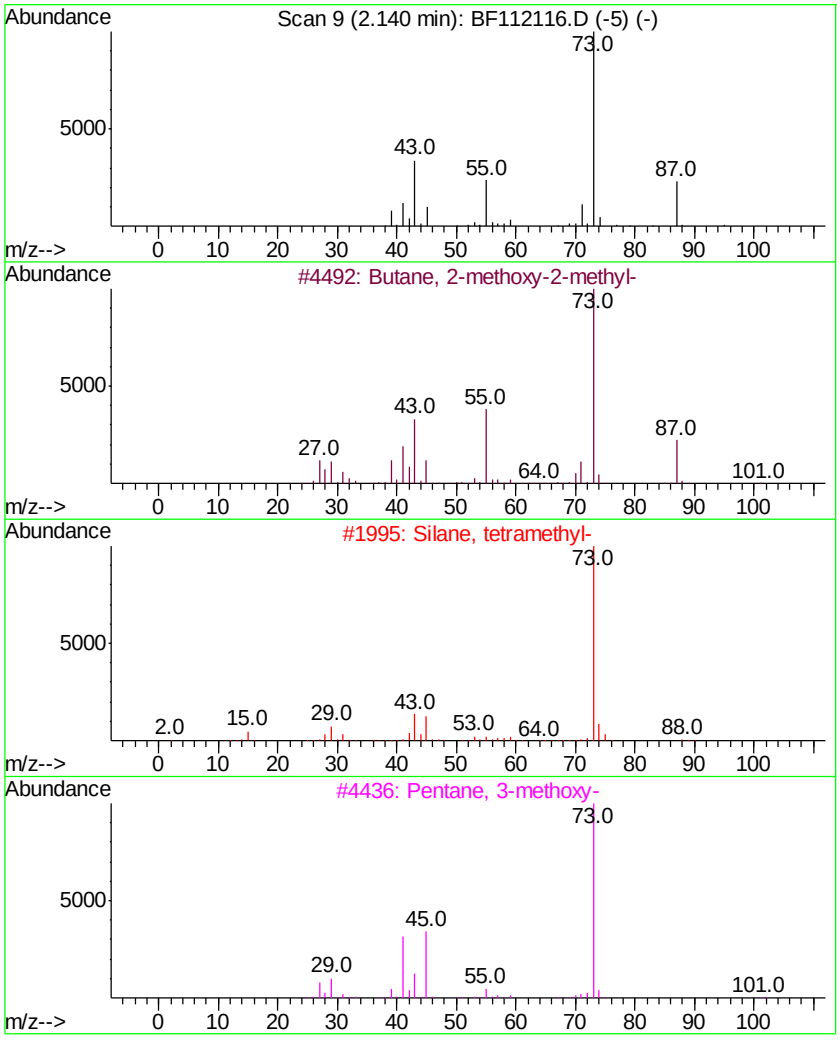
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

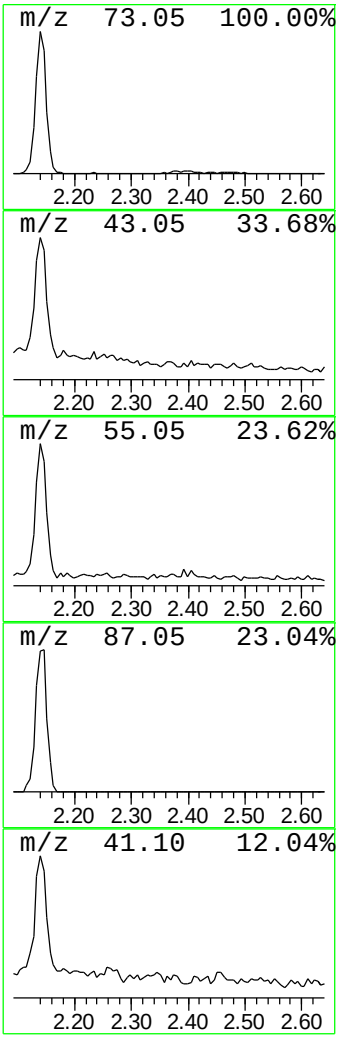
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	2.04 ng	175939	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112116.D
Acq On : 18 Jan 2019 10:09
Operator : JU/SJ
Sample : K1157-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-02-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

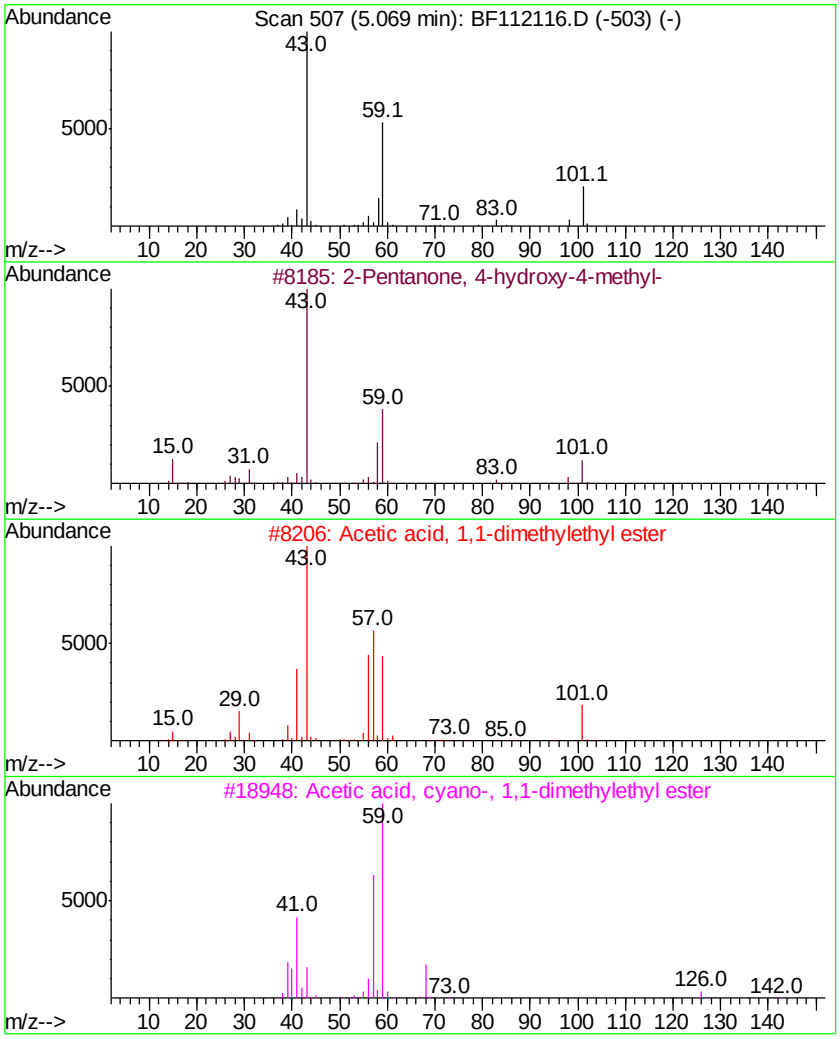
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

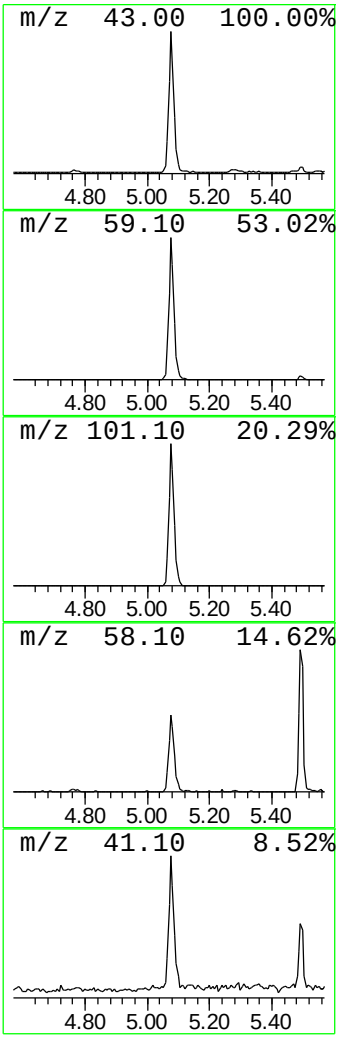
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.98 ng	342583	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
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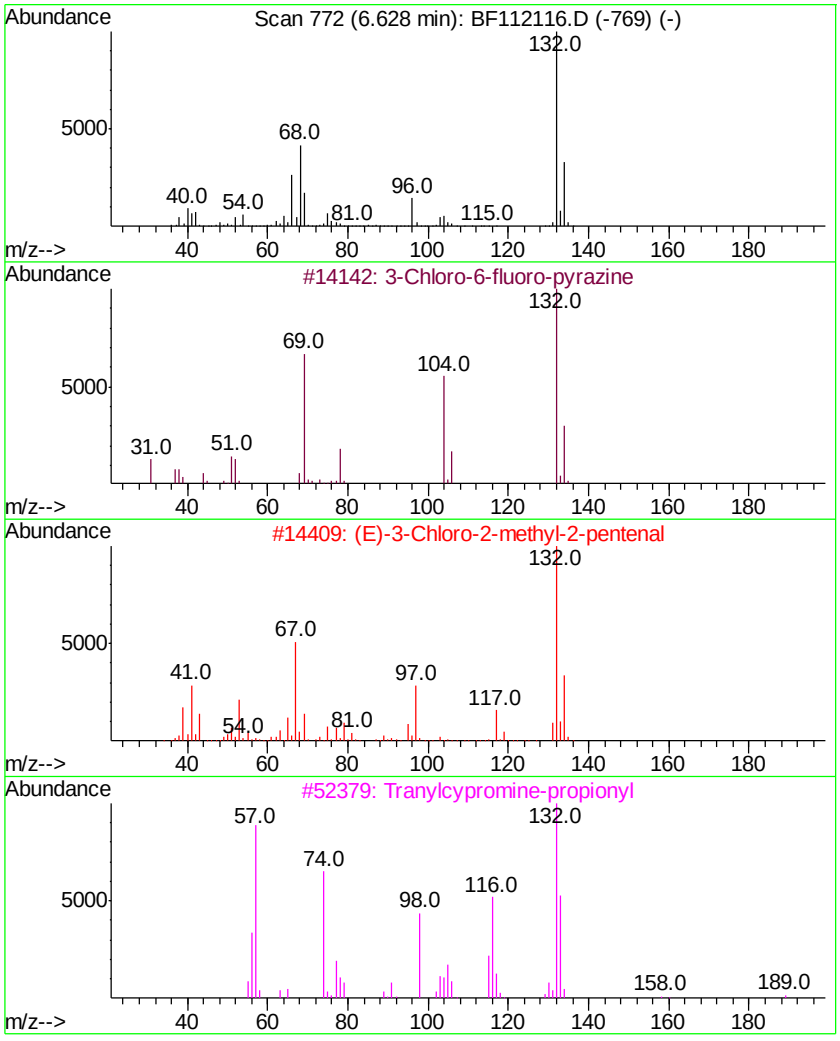
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

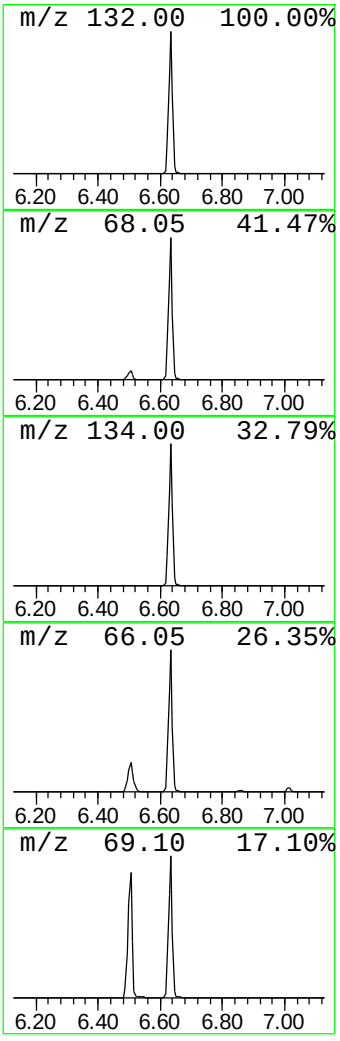
****

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	67.64 ng	5826800	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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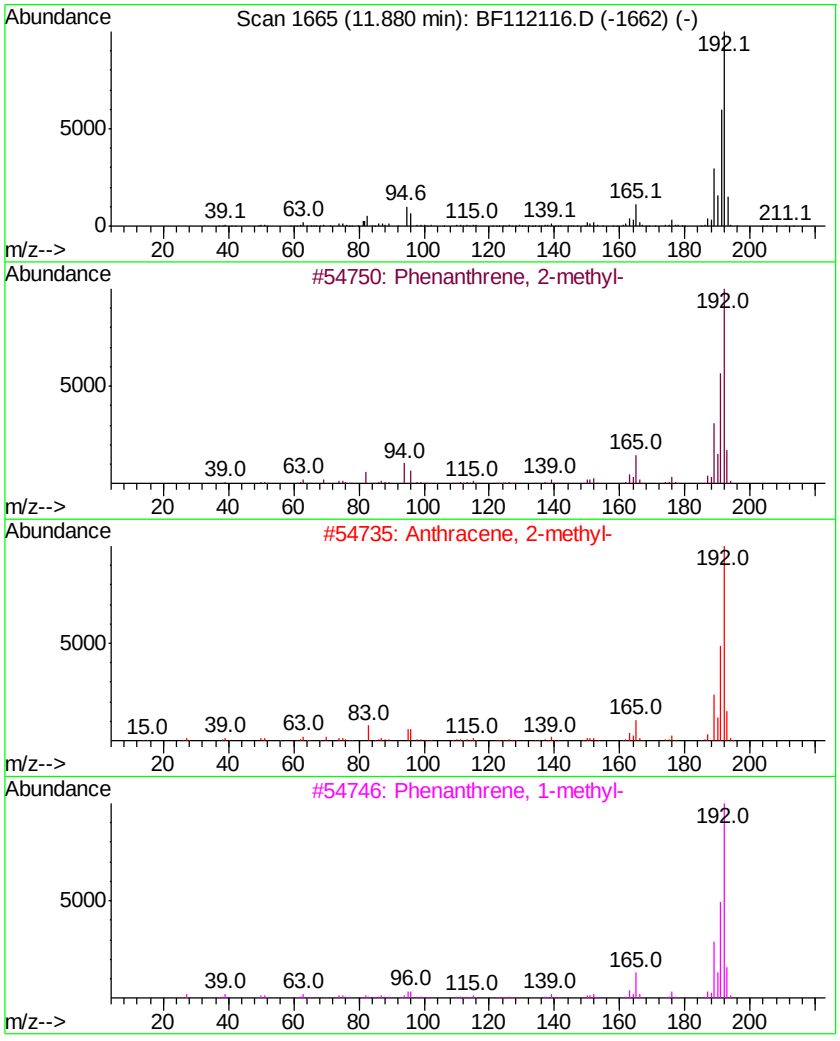
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

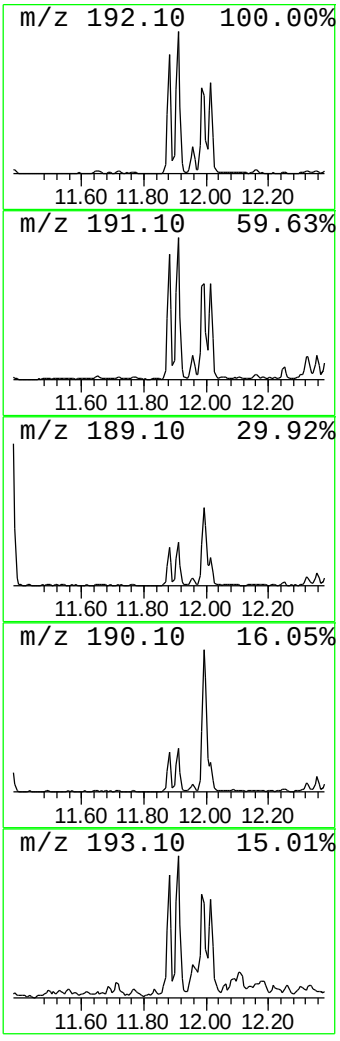
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.29 ng	370429	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Instrument : BNA_F
ClientSampleId : WC-02-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

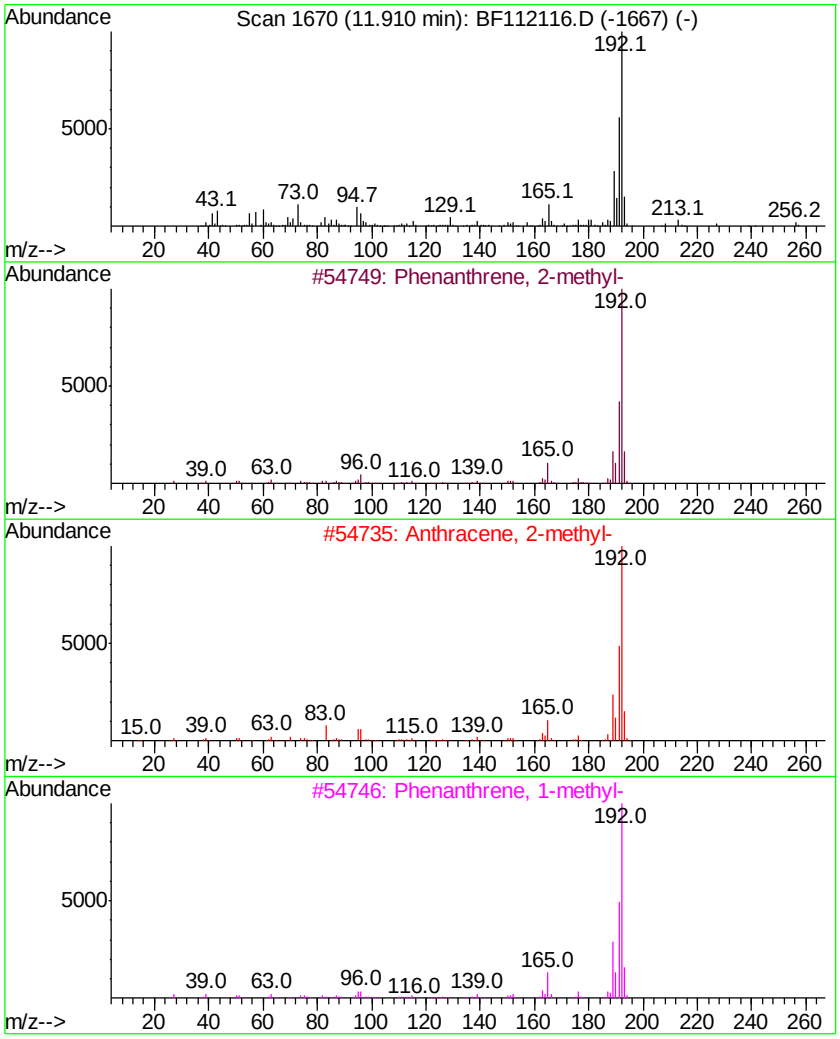
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

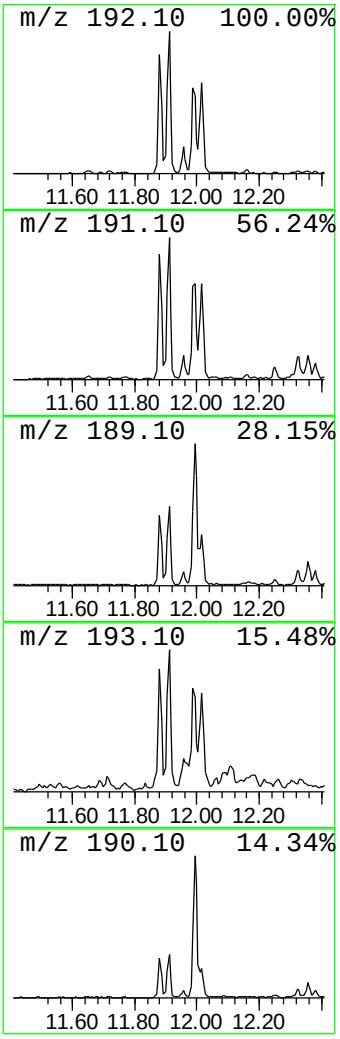
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	6.64 ng	748161	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Instrument : BNA_F
ClientSampleId : WC-02-011519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

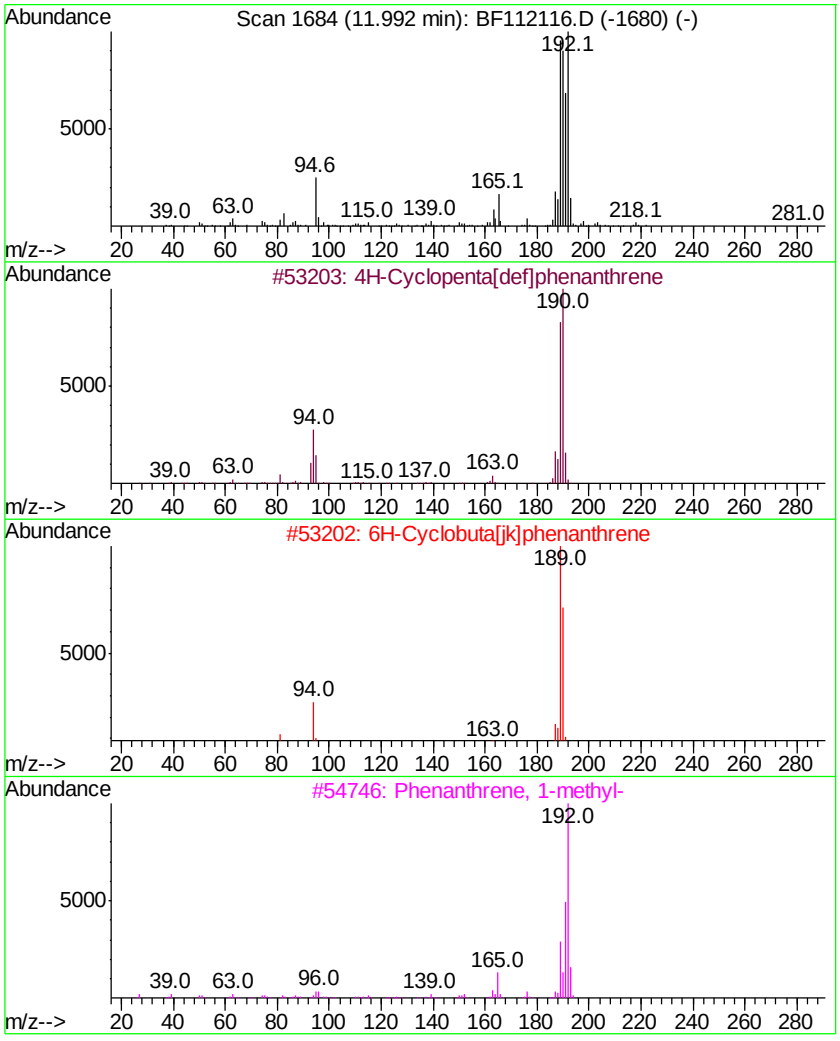
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

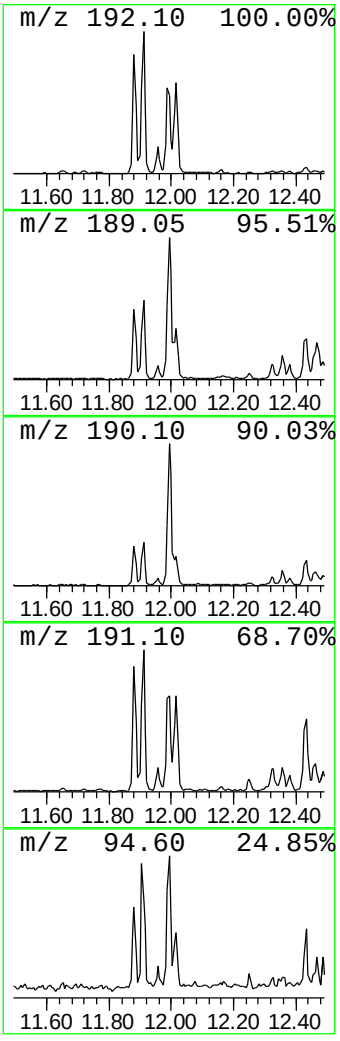
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.74 ng	533835	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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Operator : JU/SJ
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Misc :
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ClientSampleId : WC-02-011519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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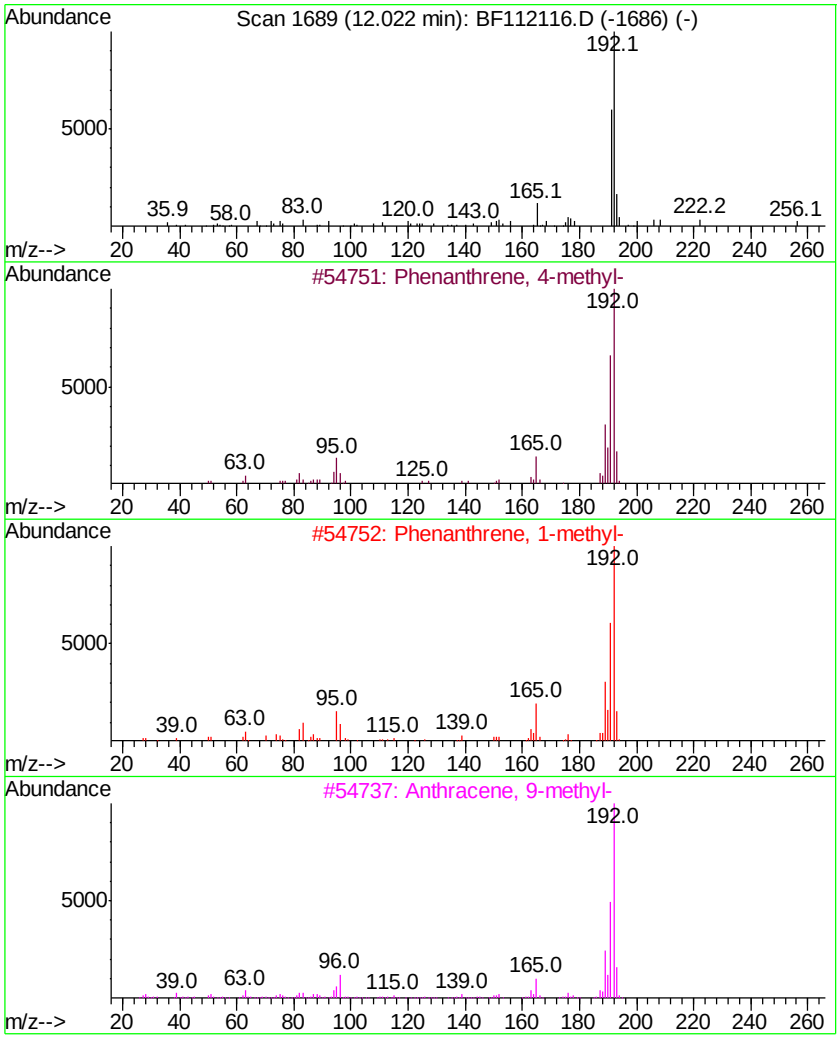
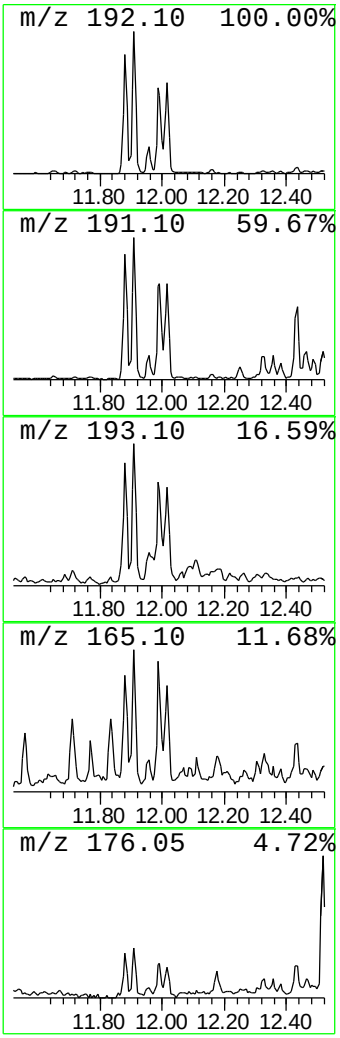
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.31 ng	259903	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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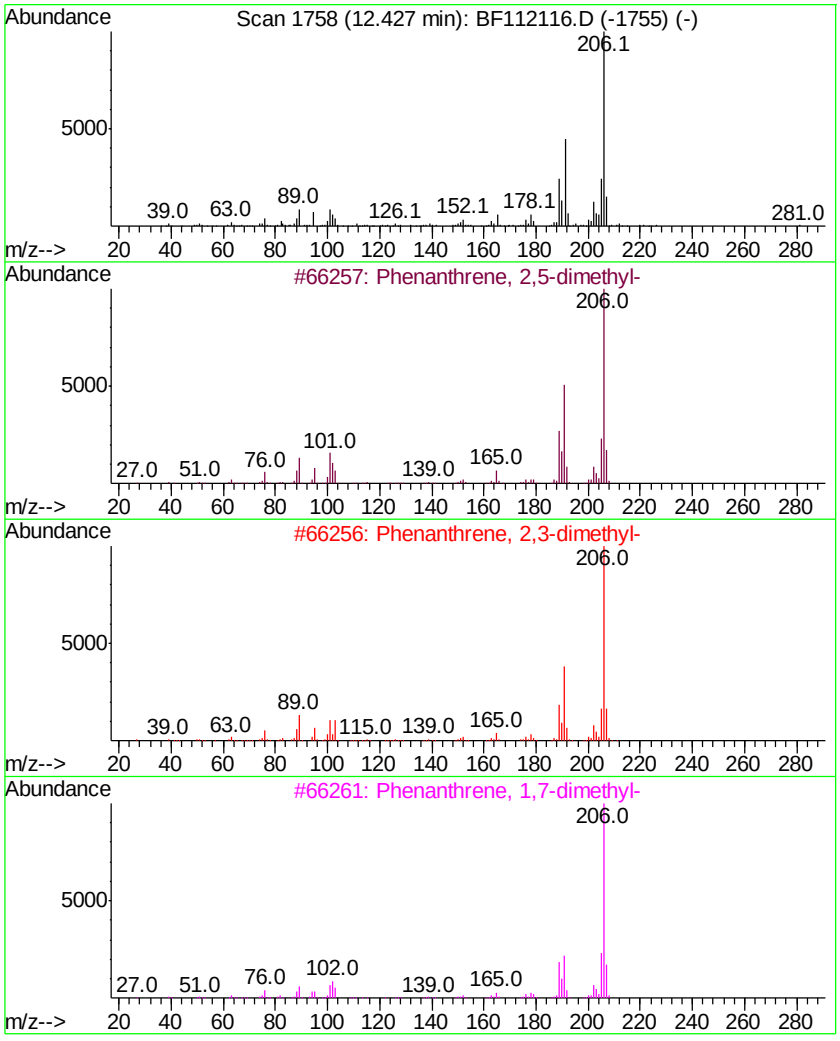
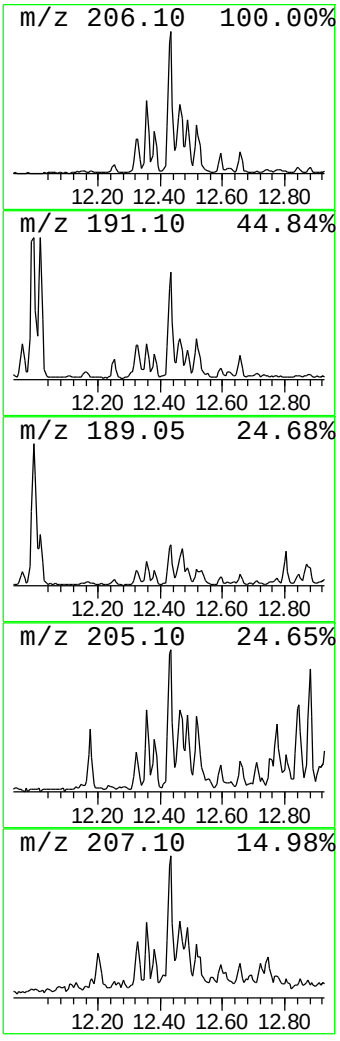
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.65 ng	411100	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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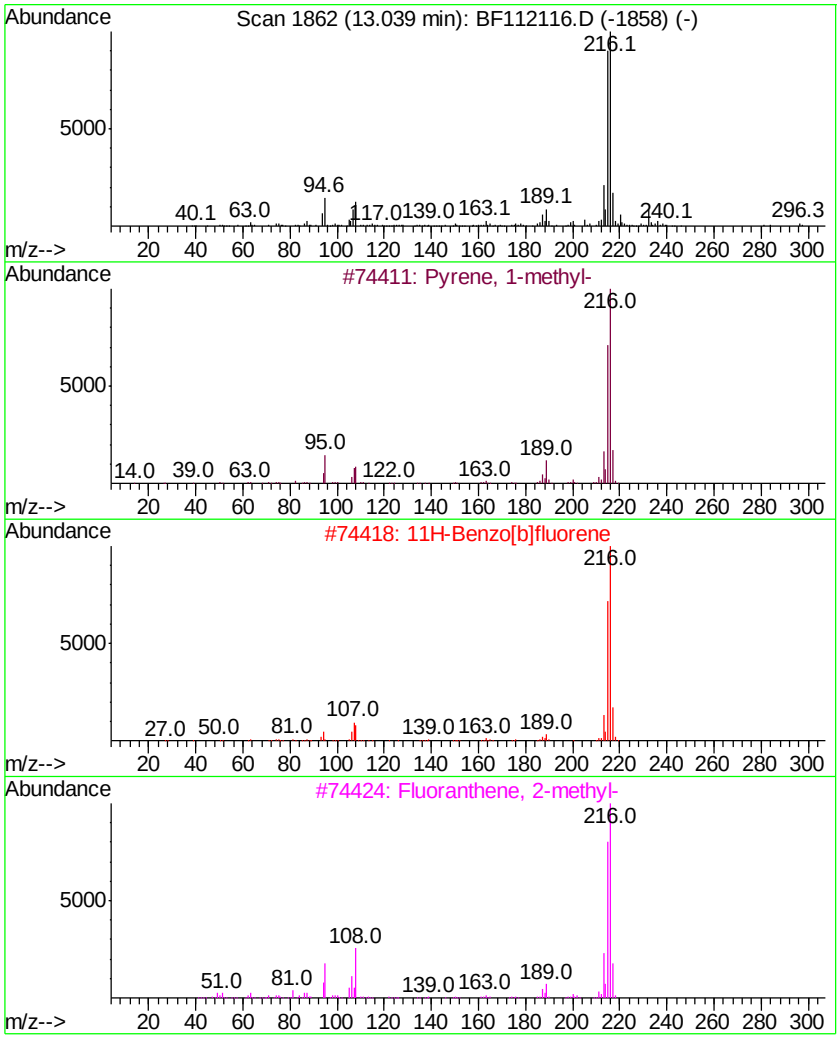
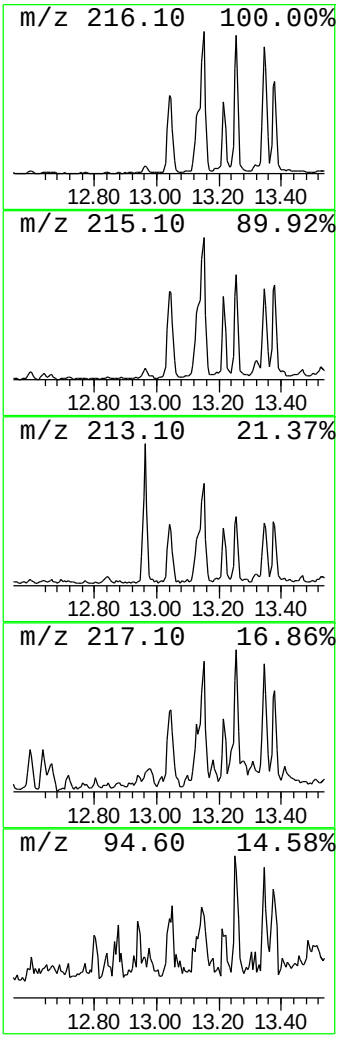
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.11 ng	325846	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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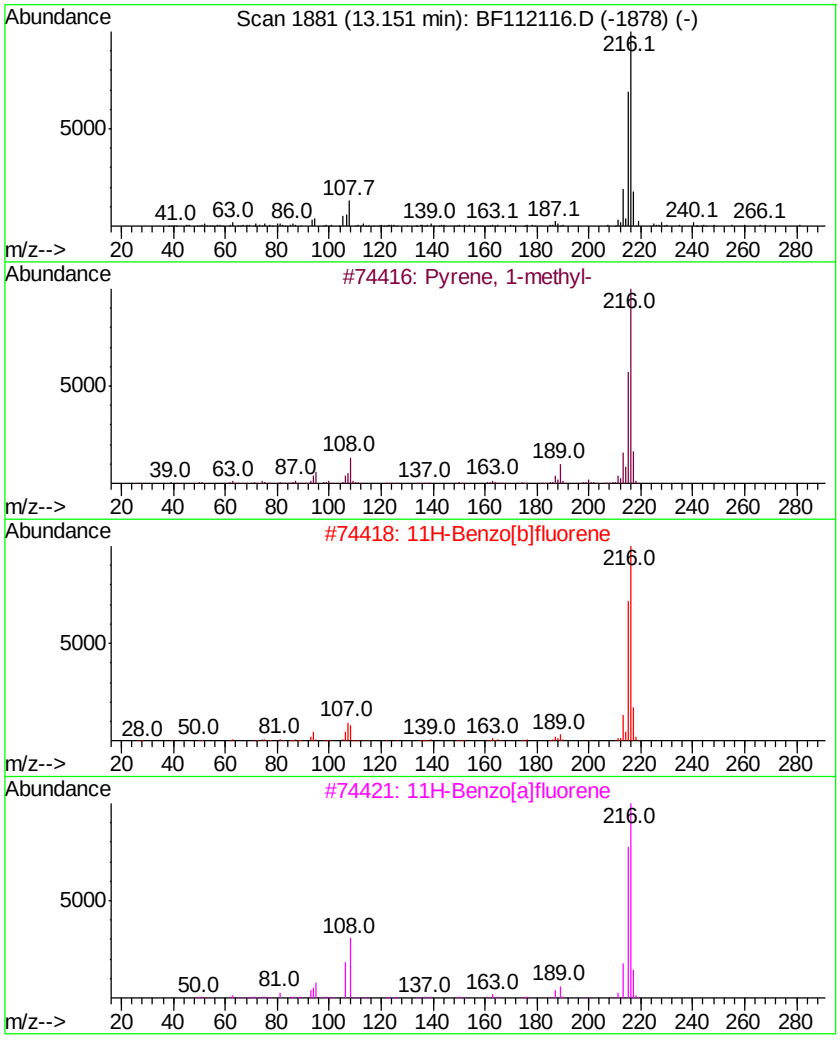
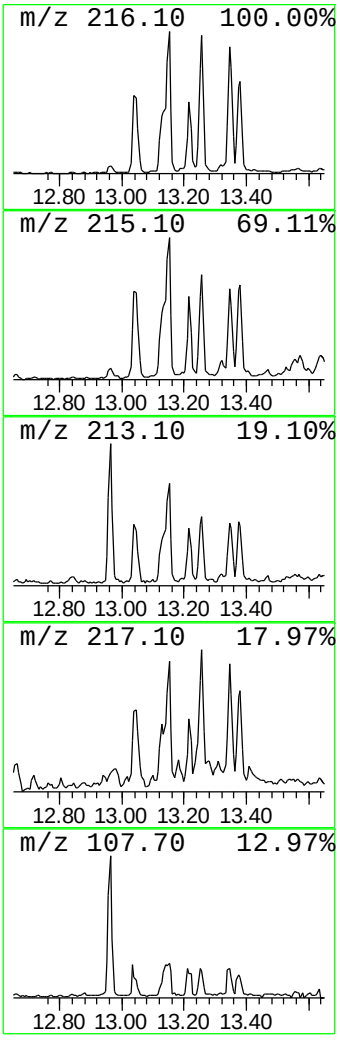
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.32 ng	357237	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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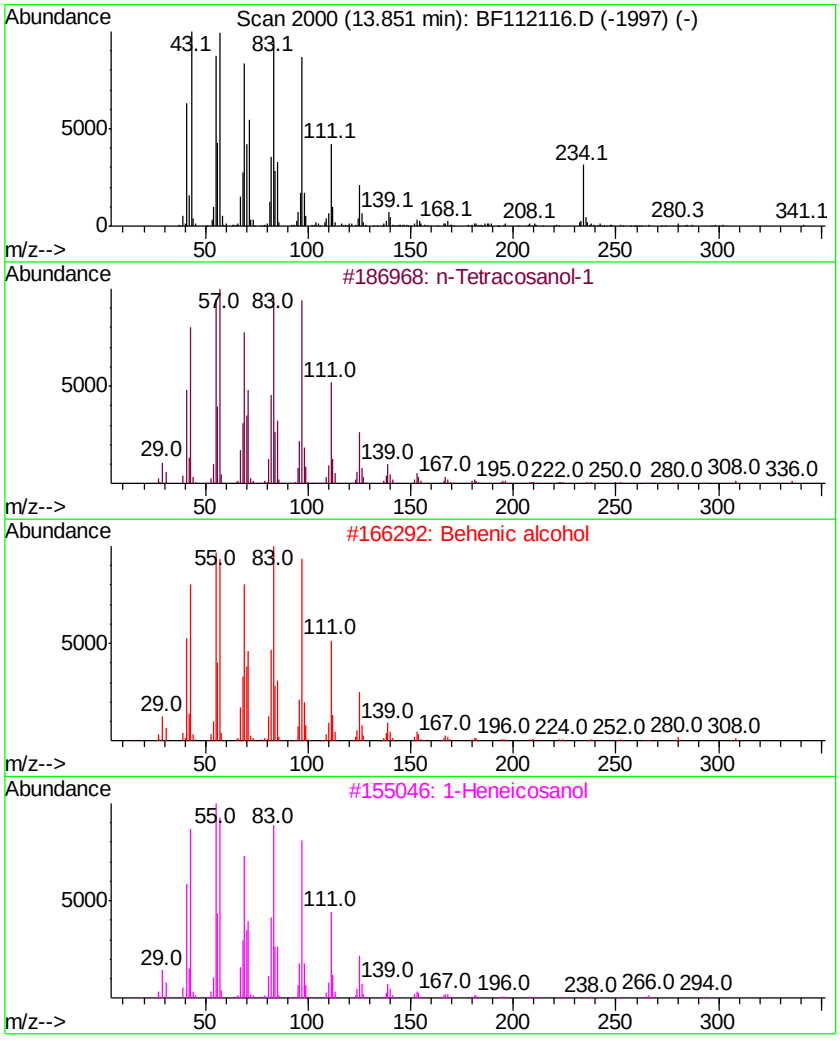
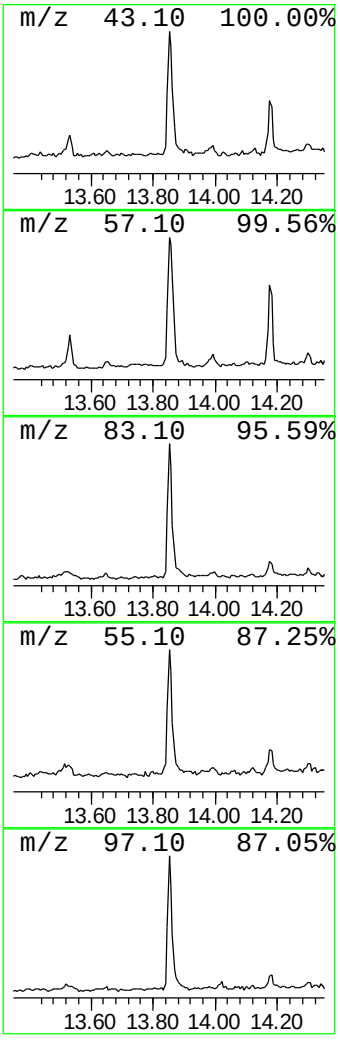
Peak Number 13 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.61 ng	865075	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	1-Nonadecene	266	C19H38	018435-45-5	90





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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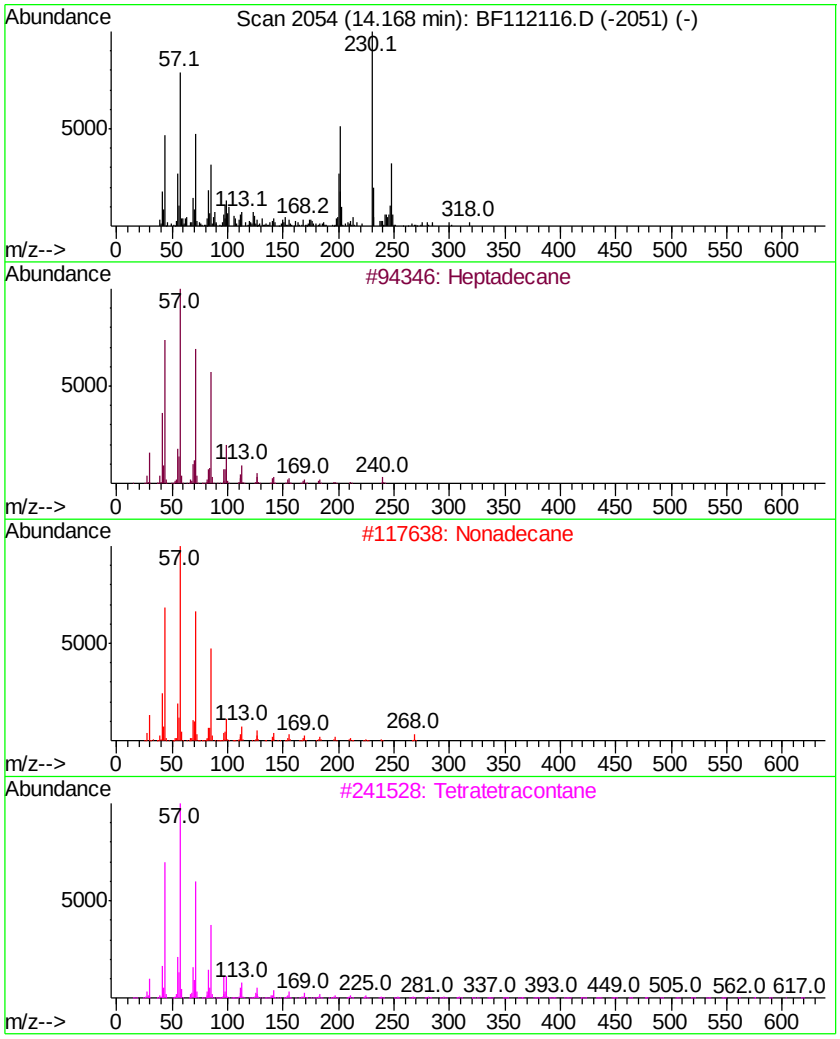
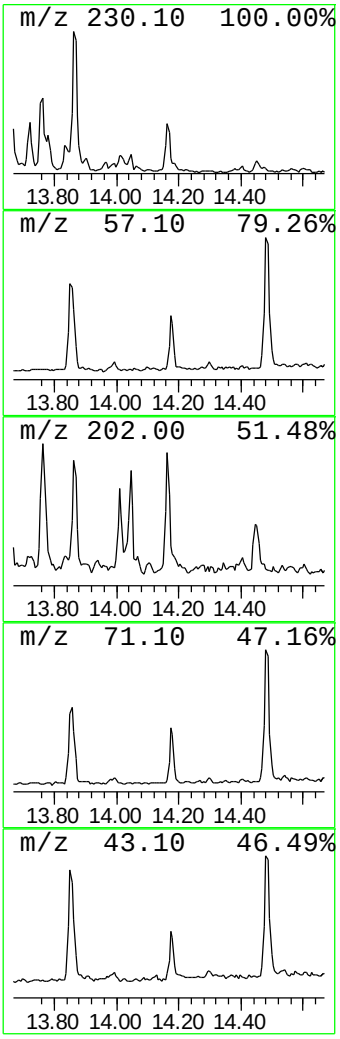
Peak Number 14 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.03 ng	313472	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	70
2	Nonadecane	268	C19H40	000629-92-5	70
3	Tetratetracontane	619	C44H90	007098-22-8	55
4	Hexacosane	366	C26H54	000630-01-3	55
5	2-methyltetracosane	352	C25H52	1000376-72-6	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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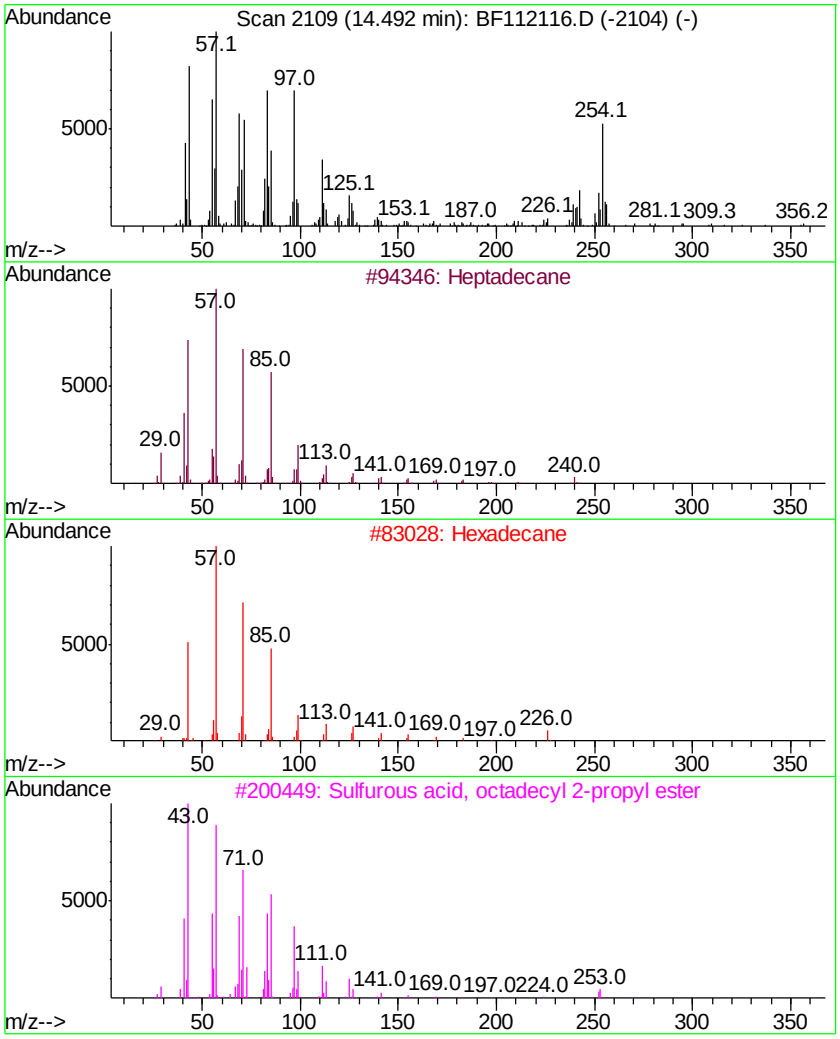
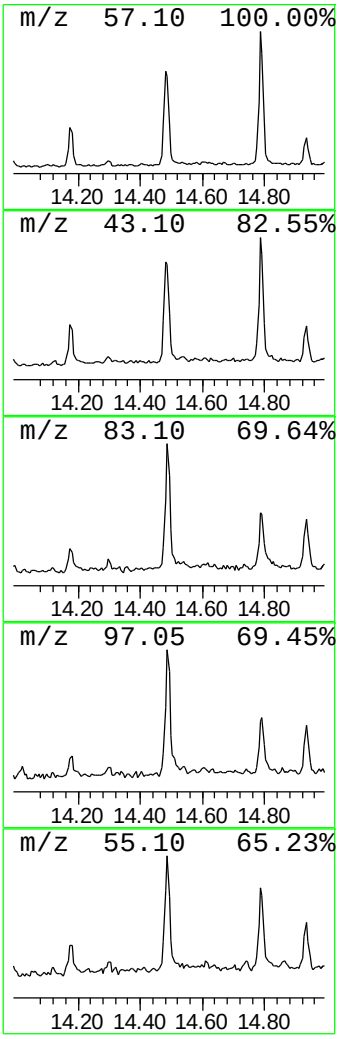
Peak Number 15 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.66 ng	718910	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	62





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TIC Library : C:\DATABASE\NIST11.L
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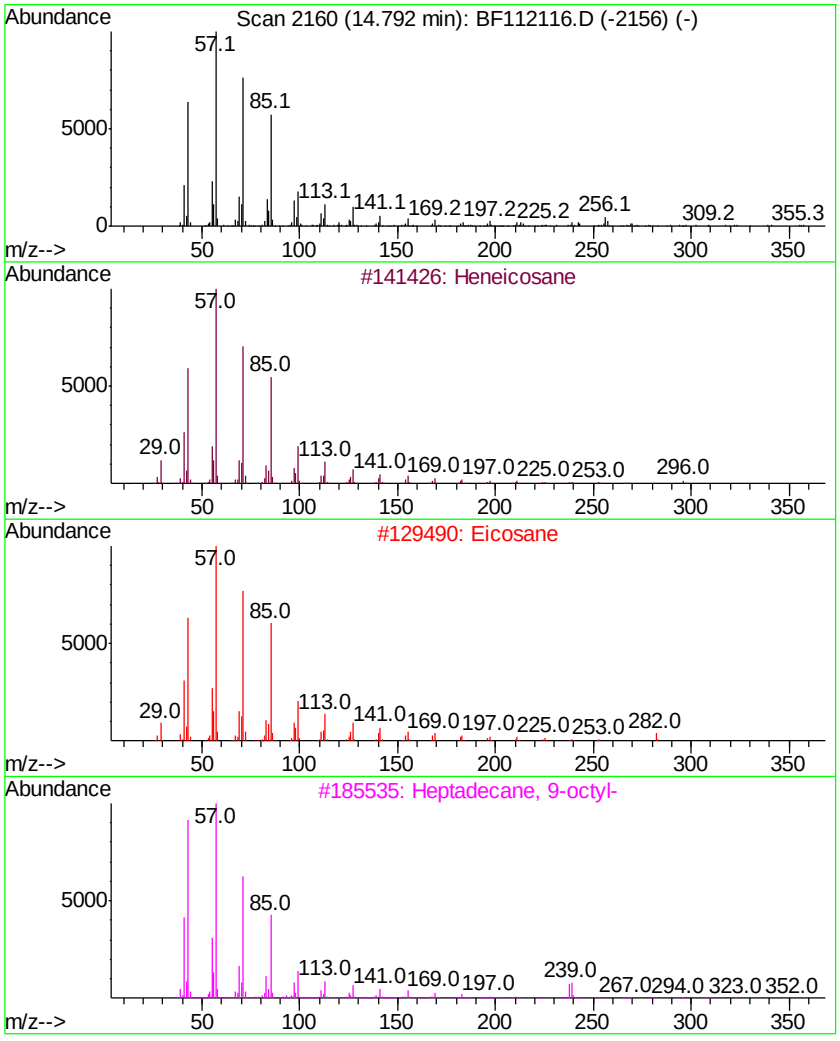
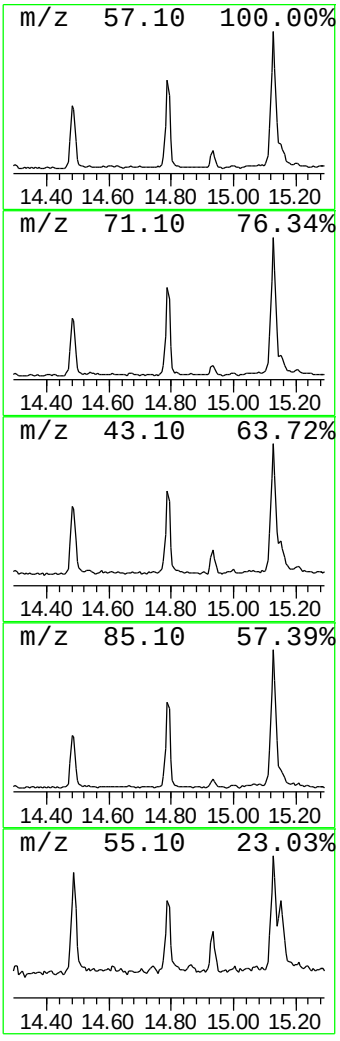
Peak Number 16 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.32 ng	560886	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane	310	C22H46	000629-97-0	90
5	Tetracosane	338	C24H50	000646-31-1	87





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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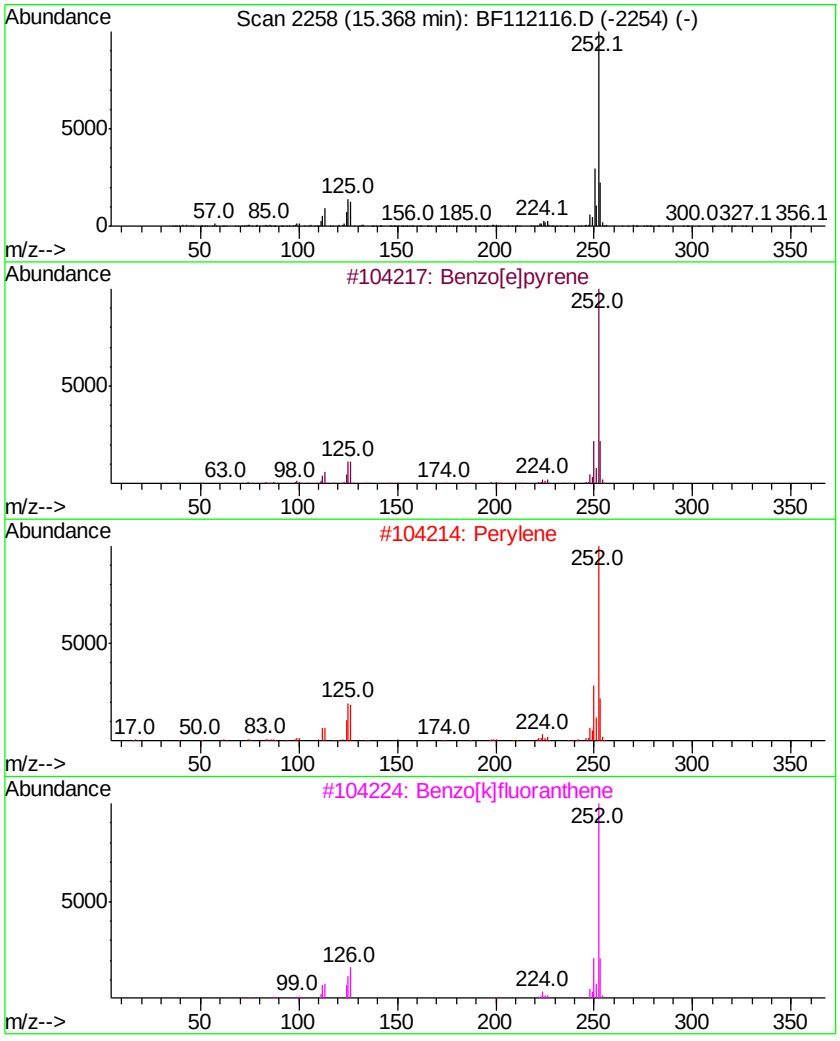
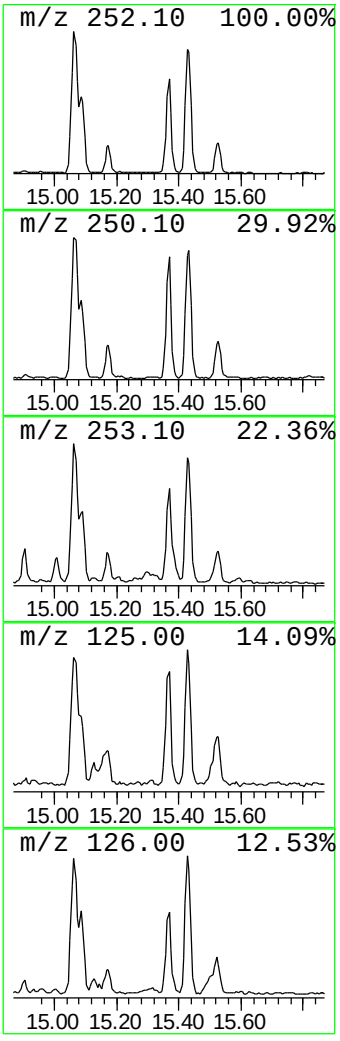
Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.85 ng	650762	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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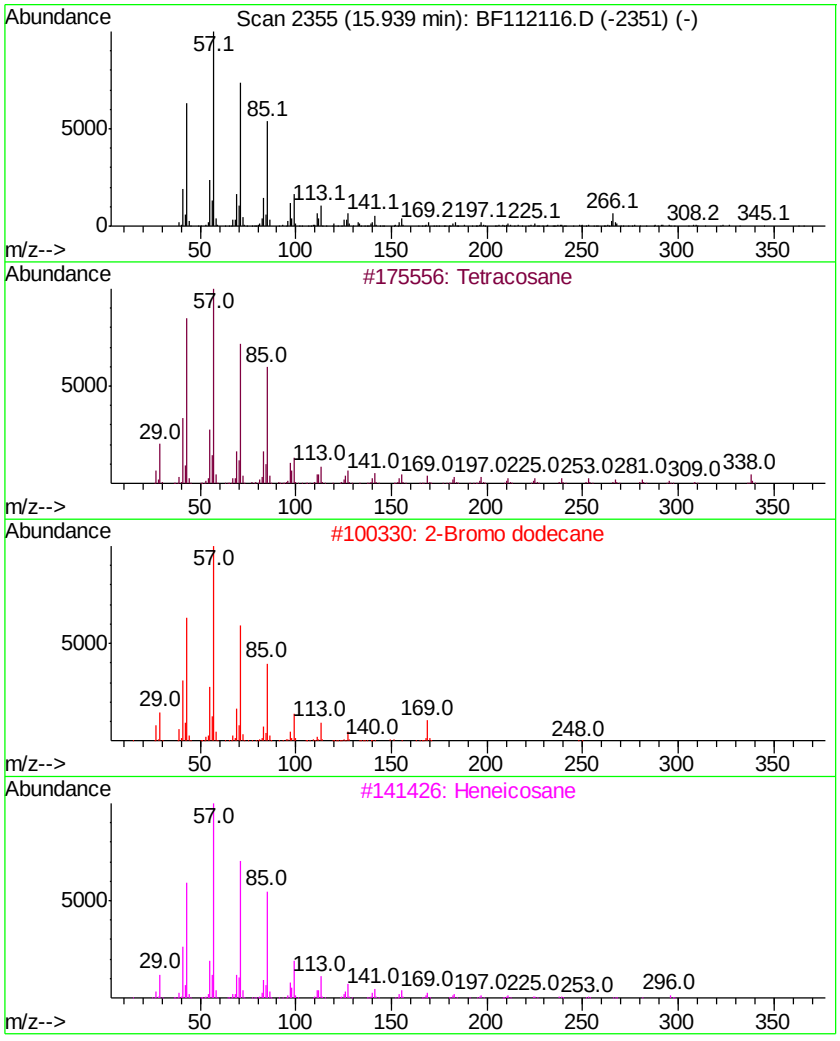
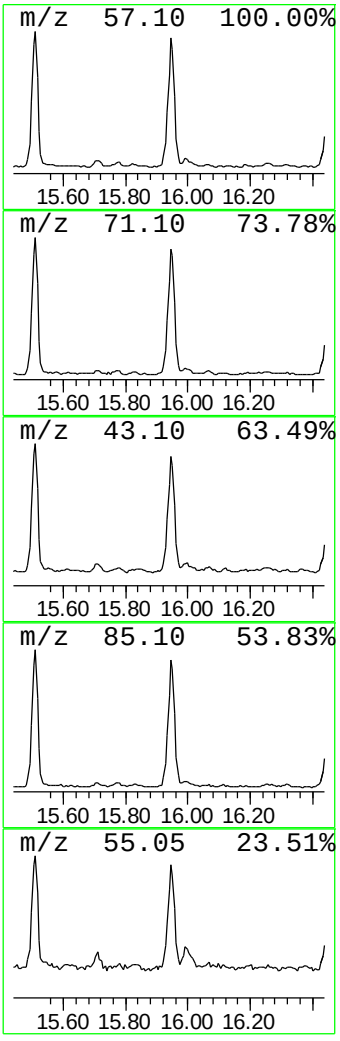
Peak Number 18 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	6.66 ng	1126120	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	90





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ClientSampleId : WC-02-011519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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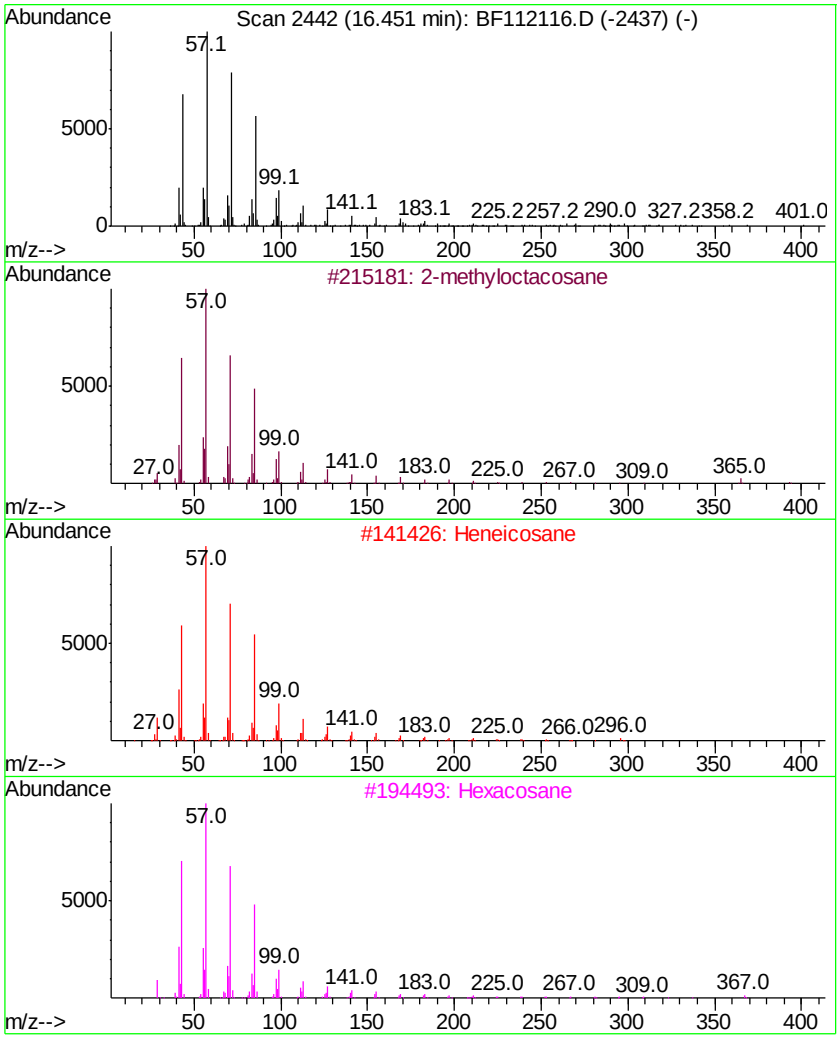
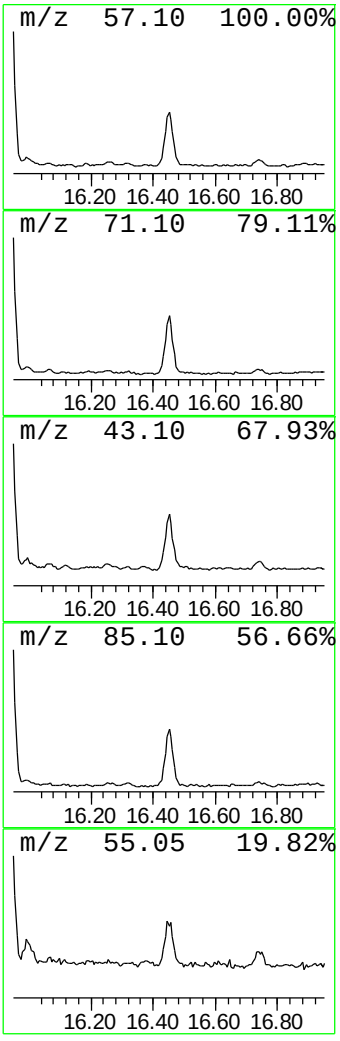
Peak Number 19 2-methyloctacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.68 ng	452727	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane	282	C20H42	000112-95-8	91





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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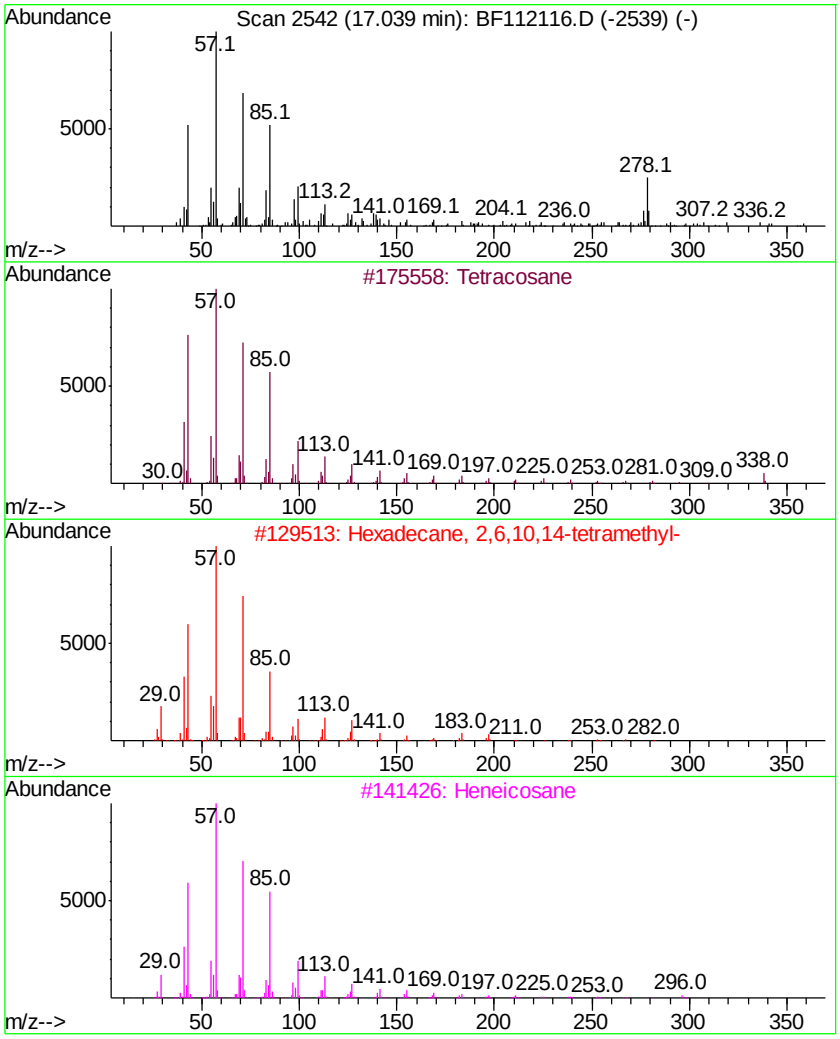
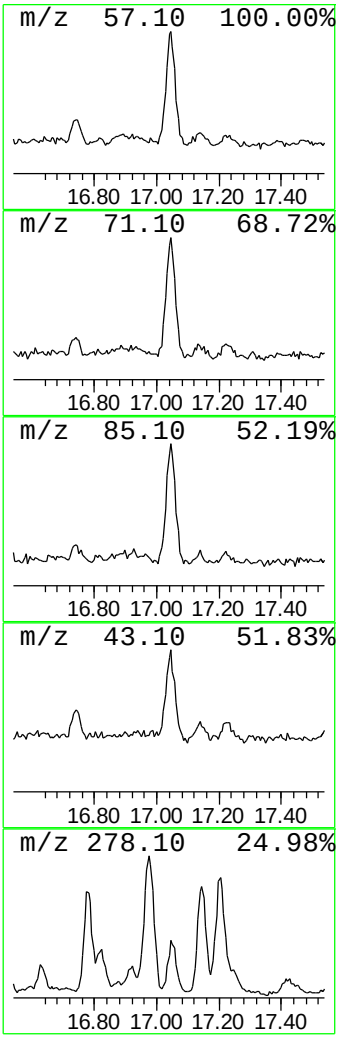
Peak Number 20 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.18 ng	368703	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
3	Heneicosane	296	C21H44	000629-94-7	60
4	Eicosane	282	C20H42	000112-95-8	60
5	Heptacosane	380	C27H56	000593-49-7	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112116.D
Acq On : 18 Jan 2019 10:09
Operator : JU/SJ
Sample : K1157-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-02-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.14	2.0	ng	175939	1	6.86	1722890	20.0
2-Pentanone, 4-hy...	5.07	4.0	ng	342583	1	6.86	1722890	20.0
unknown6.63	6.63	67.6	ng	5826800	1	6.86	1722890	20.0
Phenanthrene, 2-m...	11.88	3.3	ng	370429	4	11.38	2253670	20.0
Anthracene, 2-met...	11.91	6.6	ng	748161	4	11.38	2253670	20.0
4H-Cyclopenta[def...	11.99	4.7	ng	533835	4	11.38	2253670	20.0
Phenanthrene, 4-m...	12.02	2.3	ng	259903	4	11.38	2253670	20.0
Phenanthrene, 2,5...	12.43	3.6	ng	411100	4	11.38	2253670	20.0
Pyrene, 1-methyl-	13.04	2.1	ng	325846	5	14.02	3086010	20.0
11H-Benzo[b]fluorene	13.15	2.3	ng	357237	5	14.02	3086010	20.0
n-Tetracosanol-1	13.85	5.6	ng	865075	5	14.02	3086010	20.0
Nonadecane	14.17	2.0	ng	313472	5	14.02	3086010	20.0
Heptadecane	14.49	4.7	ng	718910	5	14.02	3086010	20.0
Heneicosane	14.79	3.3	ng	560886	6	15.50	3379320	20.0
Benzo[e]pyrene	15.37	3.9	ng	650762	6	15.50	3379320	20.0
2-Bromo dodecane	15.94	6.7	ng	1126120	6	15.50	3379320	20.0
2-methyloctacosane	16.45	2.7	ng	452727	6	15.50	3379320	20.0
Tetracosane	17.04	2.2	ng	368703	6	15.50	3379320	20.0