LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF010820.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	5.028	495	500	510	rVB	504638	564933	29.91%	2.491%
2	5.445	568	571	585	rBV	987362	958248	50.74%	4.225%
3	6.469	741	745	758	rBV	1587569	1608880	85.19%	7.094%
4	6.598	763	767	771	rBV	1897862	1520474	80.51%	6.704%
5	6.828	803	806	812	rBV	530427	456213	24.16%	2.012%
6	6.981	828	832	836	rBV	1625710	1421861	75.28%	6.270%
7	7.392	899	902	906	rBV	1058738	953228	50.47%	4.203%
8	8.116	1022	1025	1027	rBV	596073	511750	27.10%	2.257%
9	8.133	1027	1028	1031	rVB	83700	56867	3.01%	0.251%
10	8.533	1092	1096	1101	rBV	39692	42602	2.26%	0.188%
11	8.698	1121	1124	1129	rBV2	24893	25947	1.37%	0.114%
12	8.828	1144	1146	1150	rBV	71563	65910	3.49%	0.291%
13	8.928	1160	1163	1166	rBV	63307	54904	2.91%	0.242%
14	9.192	1204	1208	1211	rBV	2426446	1888665	100.00%	8.328%
15	9.269	1217	1221	1223	rBV	36985	33720	1.79%	0.149%
16	9.457	1251	1253	1258	rVB3	32556	40905	2.17%	0.180%
17	9.533	1263	1266	1268	rBV	65819	65197	3.45%	0.287%
18	9.586	1272	1275	1278	rVV	151623	132462	7.01%	0.584%
19	9.651	1282	1286	1288	rBV	36609	34927	1.85%	0.154%
20	9.739	1298	1301	1304	rBV2	62214	57528	3.05%	0.254%
21	9.798	1309	1311	1316	rVV2	51193	51926	2.75%	0.229%
22	9.875	1316	1324	1327	rVV	861846	720493	38.15%	3.177%
23	9.910	1327	1330	1333	rVB	99308	93981	4.98%	0.414%
24	9.980	1339	1342	1345	rVB3	20406	25500	1.35%	0.112%
25	10.033	1347	1351	1355	rBV6	12134	27349	1.45%	0.121%
26	10.080	1355	1359	1363	rVV2	98505	98621	5.22%	0.435%
27	10.116	1363	1365	1370	rVB3	33515	40214	2.13%	0.177%
28	10.192	1375	1378	1381	rBV2	41291	43738	2.32%	0.193%
29	10.280	1389	1393	1395	rBV3	53538	59728	3.16%	0.263%
30	10.298	1395	1396	1399	rVB	59438	44387	2.35%	0.196%
31	10.427	1413	1418	1424	rBV2	90946	109333	5.79%	0.482%
32	10.510	1430	1432	1435	rBV3	21610	28648	1.52%	0.126%
33	10.586	1440	1445	1447	rBV2	32207	33421	1.77%	0.147%
34	10.669	1456	1459	1470	rVB	437380	422900	22.39%	1.865%

LSC Area Percent Report

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Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.792	1475	1480	1487	rVB2	94831	140762	7.45%	0.621%
36	10.980	1507	1512	1514	rBV5	31759	43554	2.31%	0.192%
37	11.104	1529	1533	1536	rBV4	44824	66843	3.54%	0.295%
38	11.180	1543	1546	1550	rBV2	33078	35960	1.90%	0.159%
39	11.222	1550	1553	1556	rVV3	55869	68203	3.61%	0.301%
40	11.269	1556	1561	1565	rVB2	40723	61929	3.28%	0.273%
41	11.369	1575	1578	1580	rBV	743453	620768	32.87%	2.737%
42	11.392	1580	1582	1585	rVV	448174	378444	20.04%	1.669%
43	11.445	1589	1591	1594	rVV	86537	76049	4.03%	0.335%
44	11.539	1603	1607	1609	rBV5	20208	32373	1.71%	0.143%
45	11.610	1615	1619	1622	rBV3	42623	68538	3.63%	0.302%
46	11.651	1625	1626	1630	rVB3	36728	36833	1.95%	0.162%
47	11.874	1661	1664	1666	rBV	73709	79872	4.23%	0.352%
48	11.904	1666	1669	1672	rVB2	144448	172437	9.13%	0.760%
49	11.986	1680	1683	1685	rBV2	108468	103963	5.50%	0.458%
50	12.010	1685	1687	1691	rVB	66213	59166	3.13%	0.261%
51	12.063	1694	1696	1699	rBV2	35064	30120	1.59%	0.133%
52	12.169	1712	1714	1718	rBV	63071	60046	3.18%	0.265%
53	12.351	1743	1745	1748	rVB2	34803	32030	1.70%	0.141%
54	12.380	1748	1750	1753	rVB2	33278	27851	1.47%	0.123%
55	12.427	1755	1758	1761	rBV	94656	93354	4.94%	0.412%
56	12.457	1761	1763	1767	rVV4	51501	77987	4.13%	0.344%
57	12.521	1770	1774	1778	rBV4	41573	55504	2.94%	0.245%
58	12.592	1783	1786	1789	rBV	700628	573156	30.35%	2.527%
59	12.633	1790	1793	1795	rBV2	30022	28025	1.48%	0.124%
60	12.657	1795	1797	1799	rVB2	31464	24042	1.27%	0.106%
61	12.692	1799	1803	1805	rBV3	34180	42639	2.26%	0.188%
62	12.804	1819	1822	1823	rBV	87984	78833	4.17%	0.348%
63	12.821	1823	1825	1831	rVB	538693	456942	24.19%	2.015%
64	12.874	1831	1834	1838	rVB2	56472	52775	2.79%	0.233%
65	12.963	1841	1849	1852	rBV	1956683	1786422	94.59%	7.877%
66	12.986	1852	1853	1858	rVB2	32516	32507	1.72%	0.143%
67	13.039	1859	1862	1867	rBV3	49779	82597	4.37%	0.364%
68	13.098	1869	1872	1874	rVV2	36726	32266	1.71%	0.142%
69	13.151	1875	1881	1884	rVV2	101547	161452	8.55%	0.712%
70	13.180	1884	1886	1890	rVV3	37345	41416	2.19%	0.183%
71	13.221	1890	1893	1895	rVV	69935	67771	3.59%	0.299%

LSC Area Percent Report

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Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.257	1895	1899	1902	rVB2	74345	93214	4.94%	0.411%
73	13.351	1912	1915	1917	rVB	70885	76328	4.04%	0.337%
74	13.380	1917	1920	1923	rBV2	55312	68784	3.64%	0.303%
75	13.527	1943	1945	1947	rBV2	42480	36269	1.92%	0.160%
76	13.668	1966	1969	1972	rBV	71377	66390	3.52%	0.293%
77	13.774	1985	1987	1990	rBV	56907	51704	2.74%	0.228%
78	13.827	1994	1996	1998	rVV	39439	40880	2.16%	0.180%
79	13.857	1998	2001	2009	rVB3	210988	290400	15.38%	1.280%
80	13.992	2021	2024	2026	rBV	189412	164740	8.72%	0.726%
81	14.027	2026	2030	2033	rVV2	668424	869928	46.06%	3.836%
82	14.051	2033	2034	2038	rVB	252988	194757	10.31%	0.859%
83	14.133	2046	2048	2050	rBV	33066	27205	1.44%	0.120%
84	14.174	2053	2055	2062	rVB5	72939	129433	6.85%	0.571%
85	14.451	2100	2102	2104	rBV	37124	30519	1.62%	0.135%
86	14.480	2104	2107	2111	rVV4	85317	100021	5.30%	0.441%
87	14.786	2157	2159	2162	rVB	66669	49880	2.64%	0.220%
88	15.080	2205	2209	2212	rBV	286855	395753	20.95%	1.745%
89	15.192	2225	2228	2233	rBV	63780	78671	4.17%	0.347%
90	15.386	2258	2261	2268	rVB	192989	237911	12.60%	1.049%
91	15.451	2268	2272	2277	rVV	248649	328996	17.42%	1.451%
92	15.515	2278	2283	2287	rVB	570053	677415	35.87%	2.987%
93	15.945	2353	2356	2360	rBV2	83119	118525	6.28%	0.523%
94	16.445	2438	2441	2443	rBV2	48766	61592	3.26%	0.272%
95	17.015	2534	2538	2548	rBV2	81675	196852	10.42%	0.868%
96	17.474	2612	2616	2624	rVB2	55778	113786	6.02%	0.502%

Sum of corrected areas: 22678842

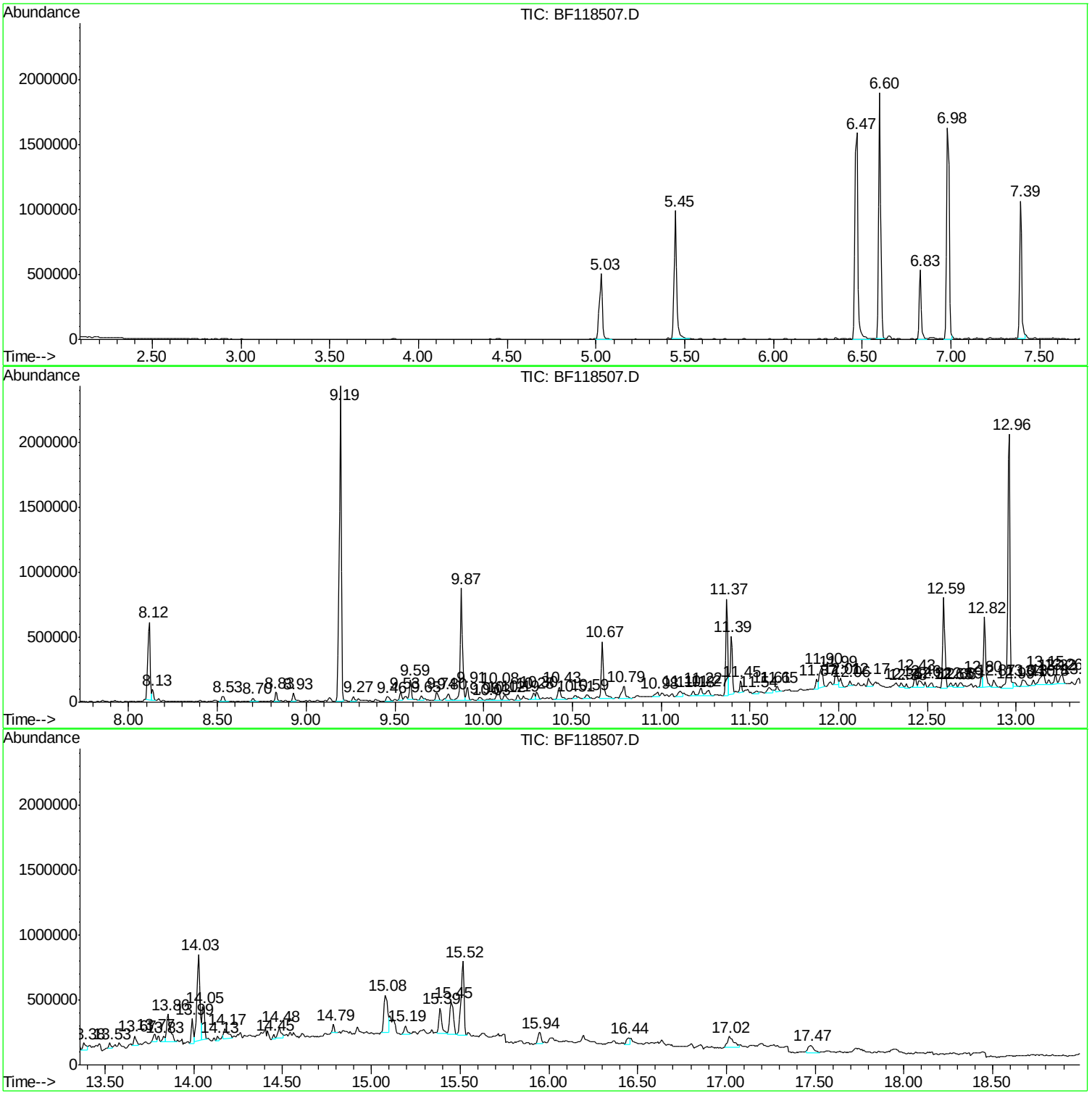
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

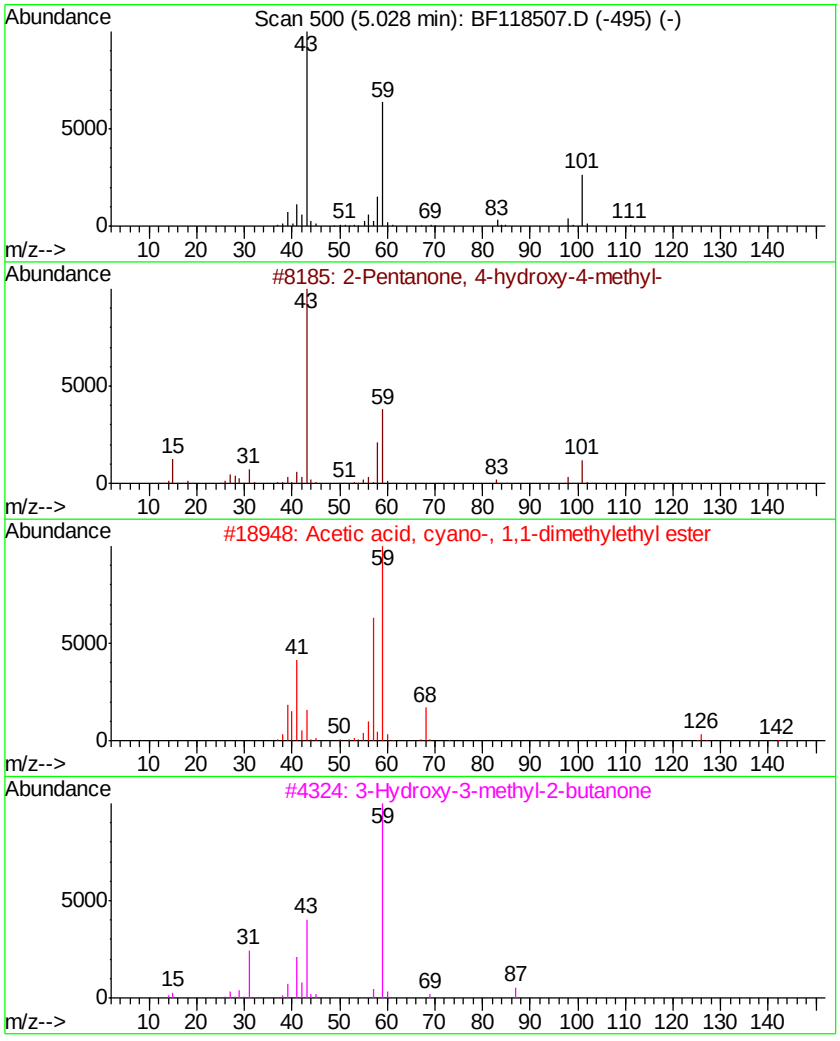
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

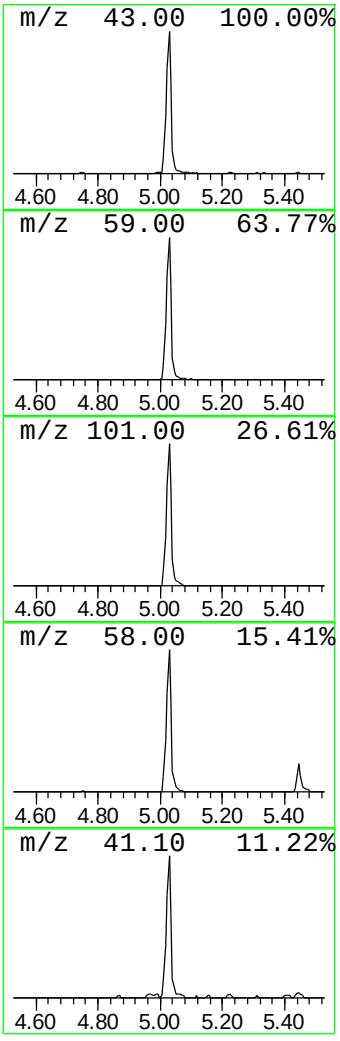
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	24.77 ng	564933	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

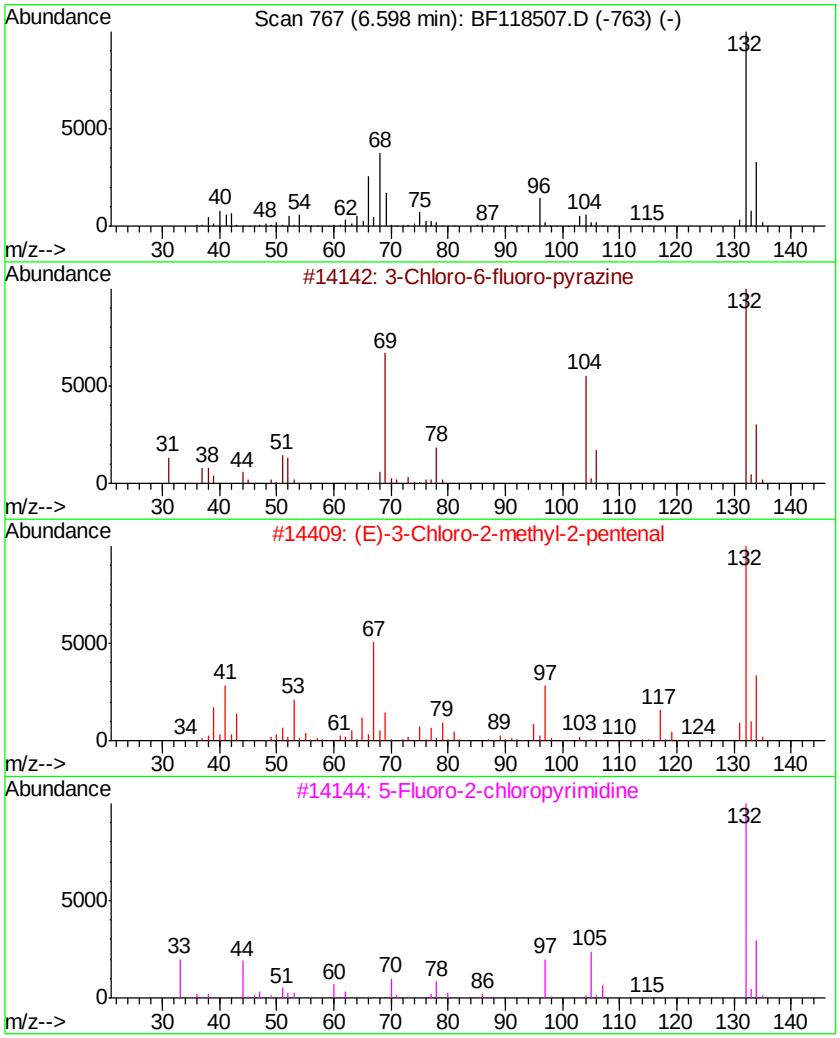
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

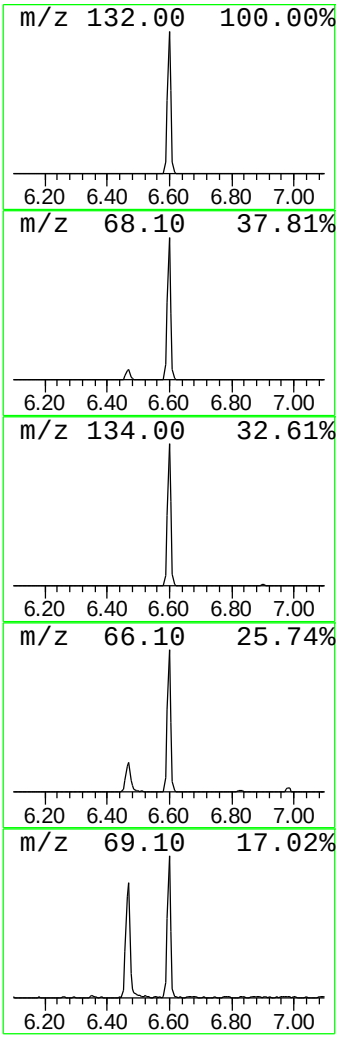
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	66.66 ng	1520470	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

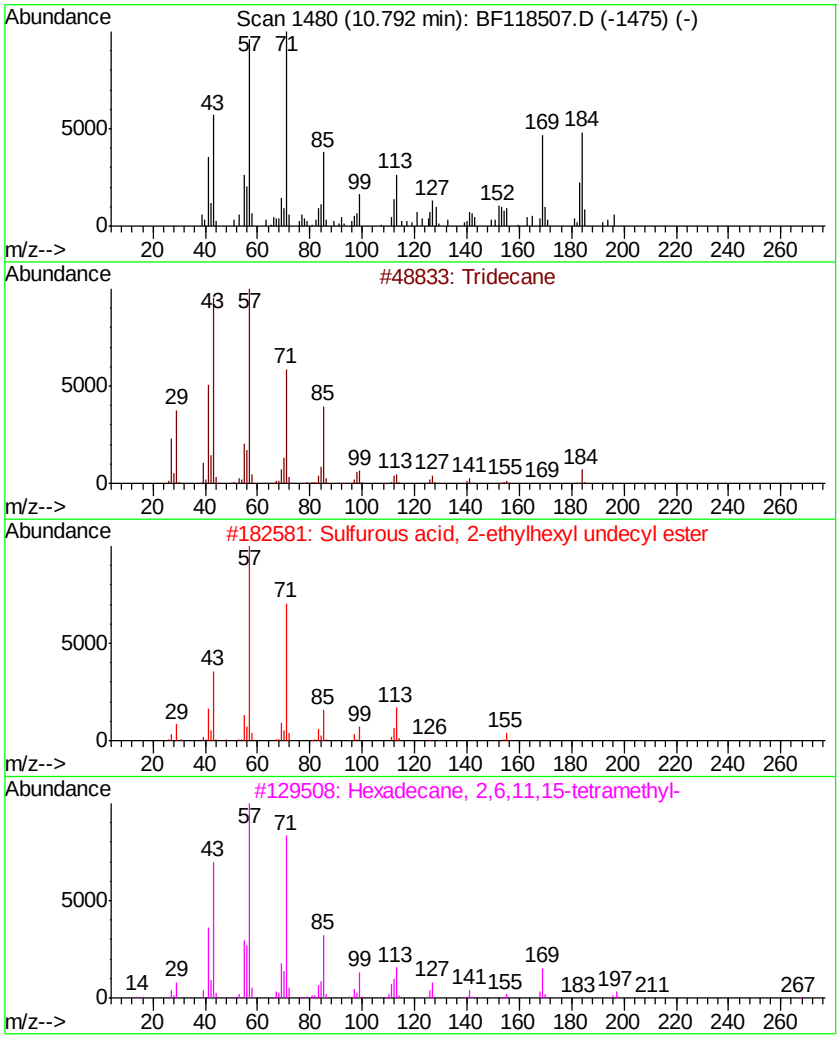
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

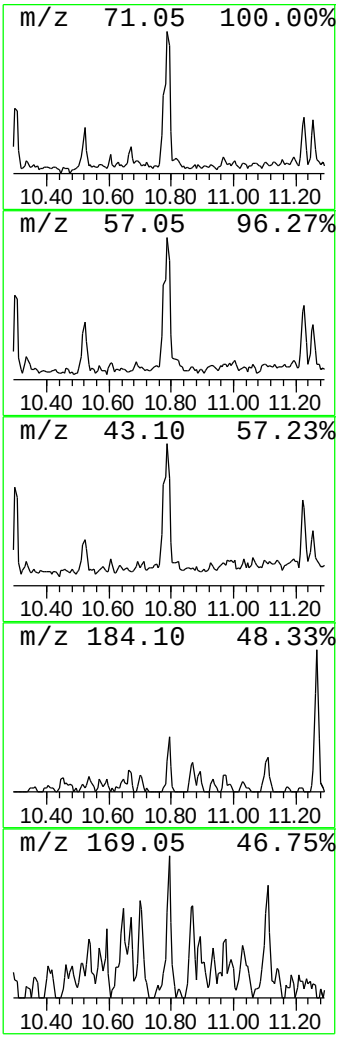
****

Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.54 ng	140762	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	55
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	43
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	43
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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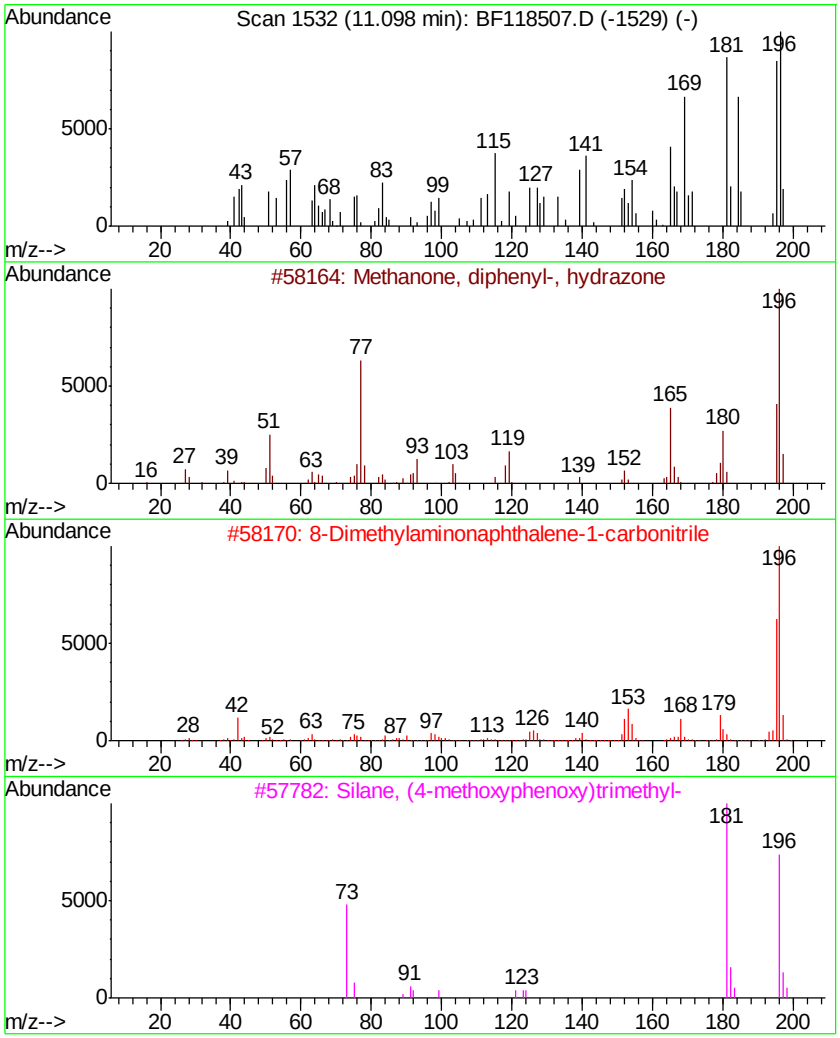
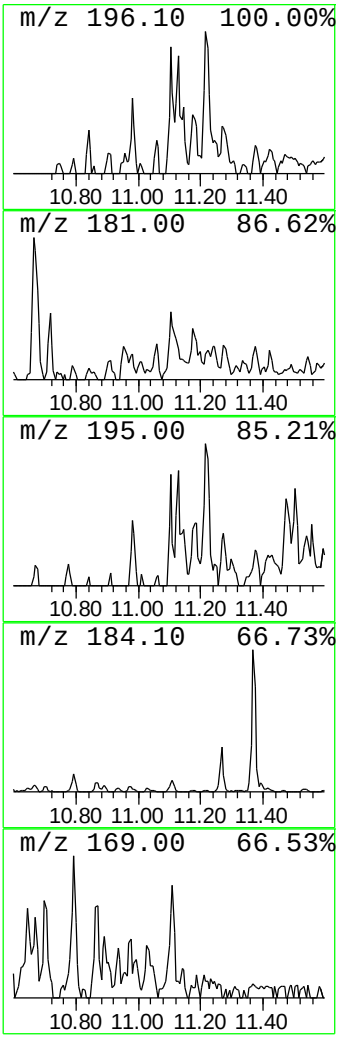
Peak Number 6 unknown11.10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.15 ng	66843	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	43
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	38
3	Silane, (4-methoxyphenoxy)trimet...	196	C10H16O2Si	006689-38-9	38
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	35
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

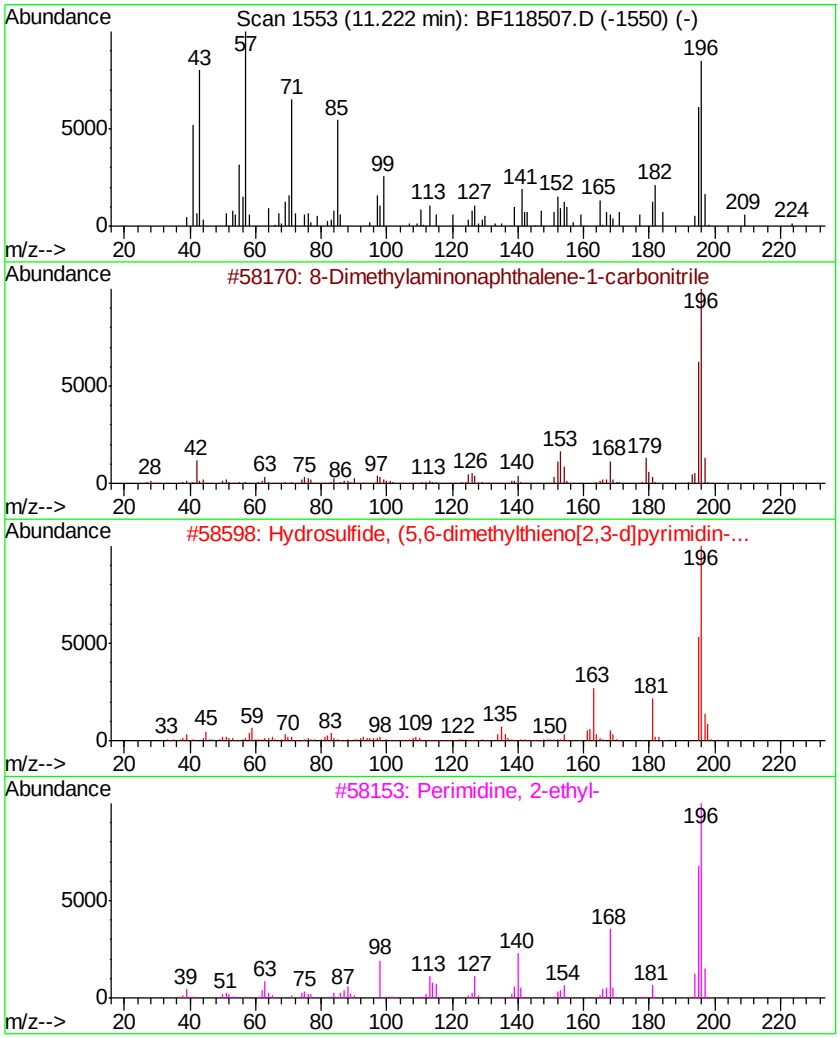
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

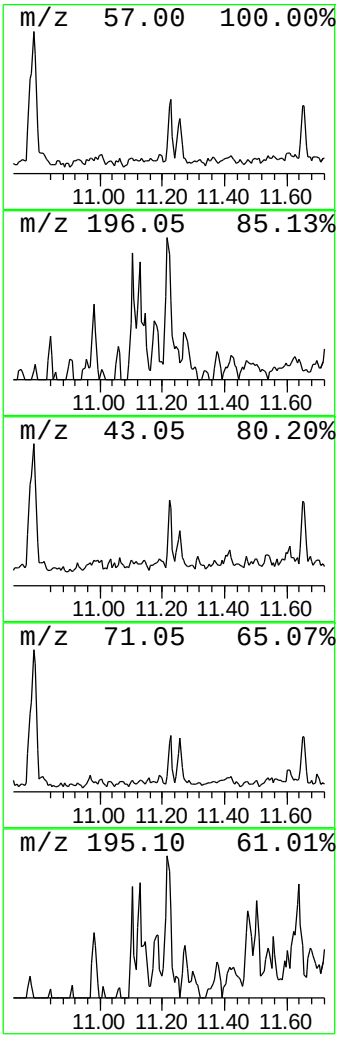
****

Peak Number 7 8-Dimethylaminonaphthalene-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.20 ng	68203	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	50
2	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	43
3	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	43
4	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	41
5	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	30





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Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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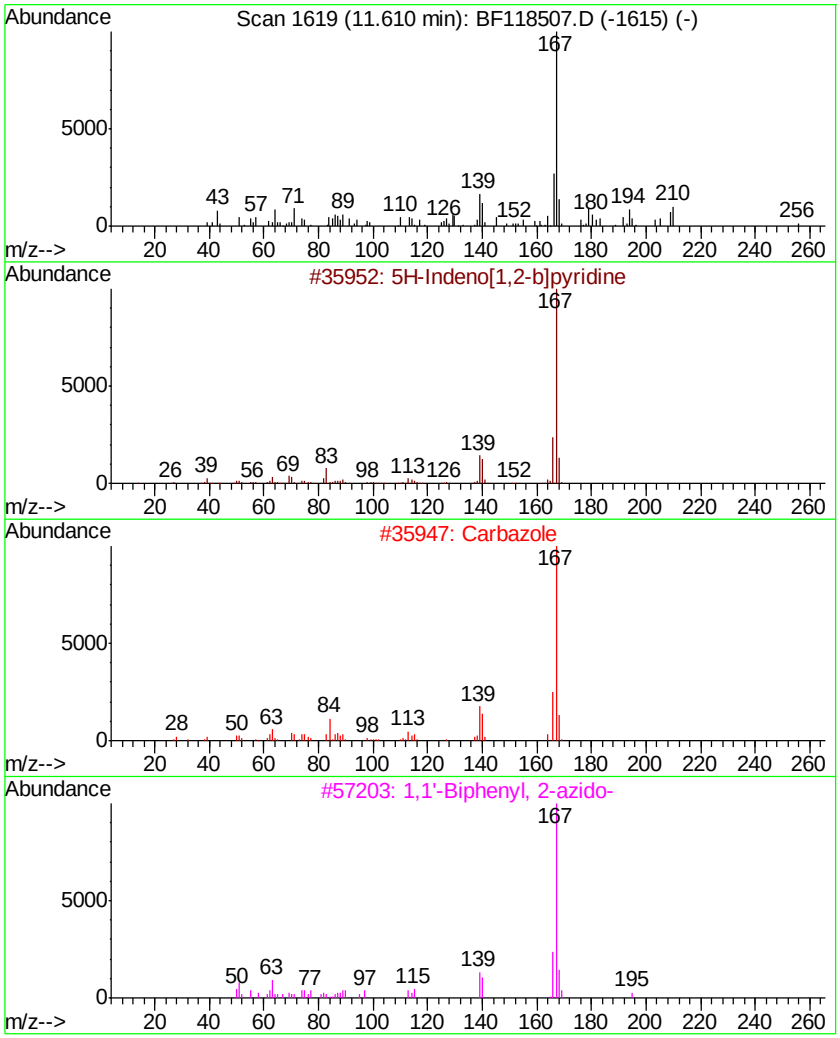
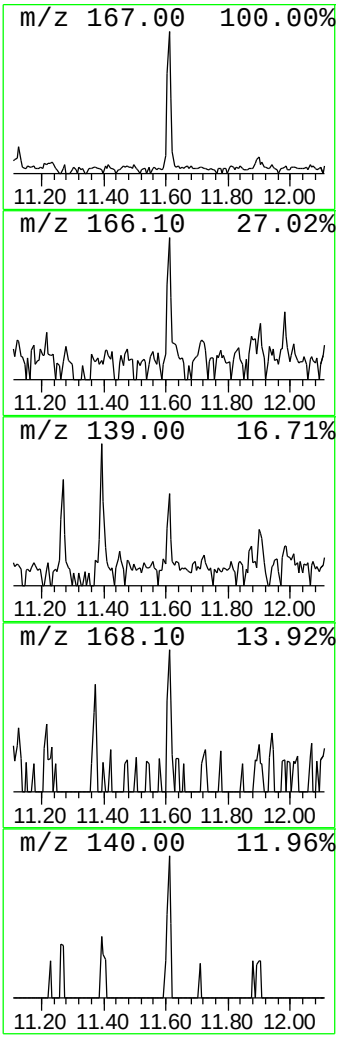
Peak Number 8 5H-Indeno[1,2-b]pyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.21 ng	68538	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	Carbazole	167	C12H9N	000086-74-8	90
3	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	81
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	64
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	59





Library Search Compound Report

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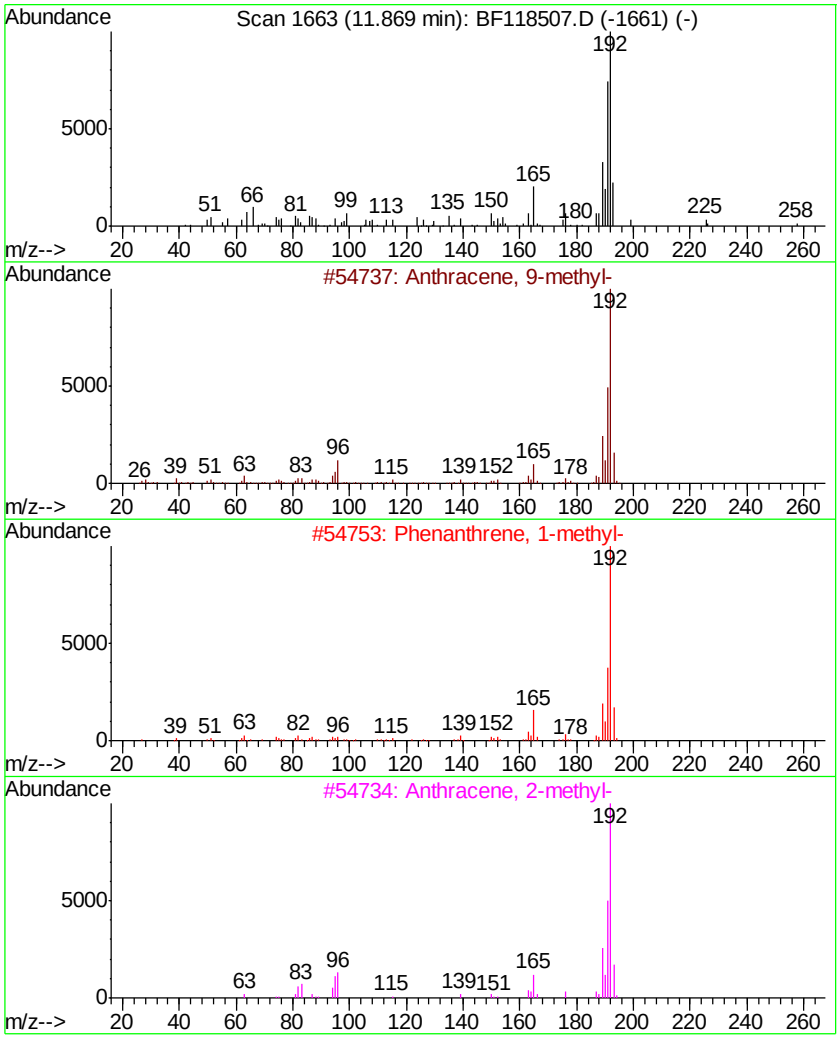
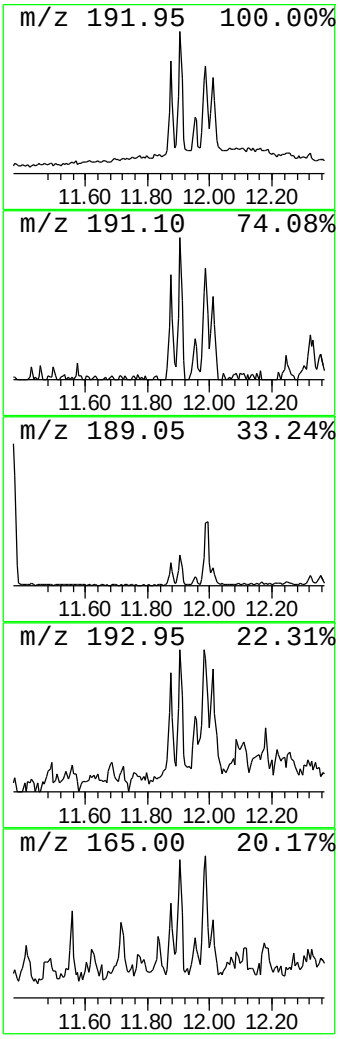
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.57 ng	79872	Phenanthrene-d10	11.37

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





Library Search Compound Report

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Sample : L1049-04
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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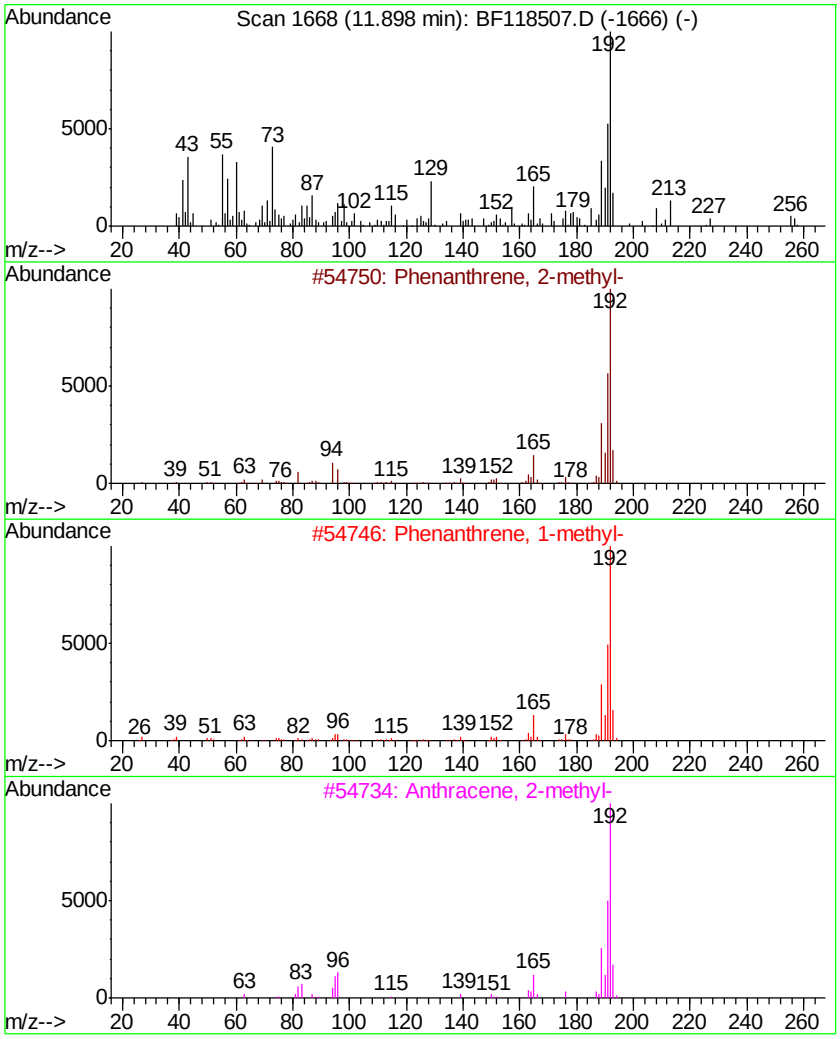
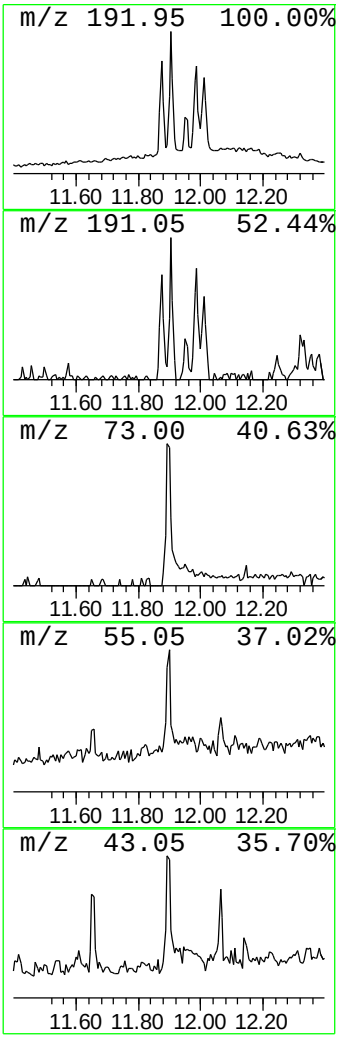
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.56 ng	172437	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Sample : L1049-04
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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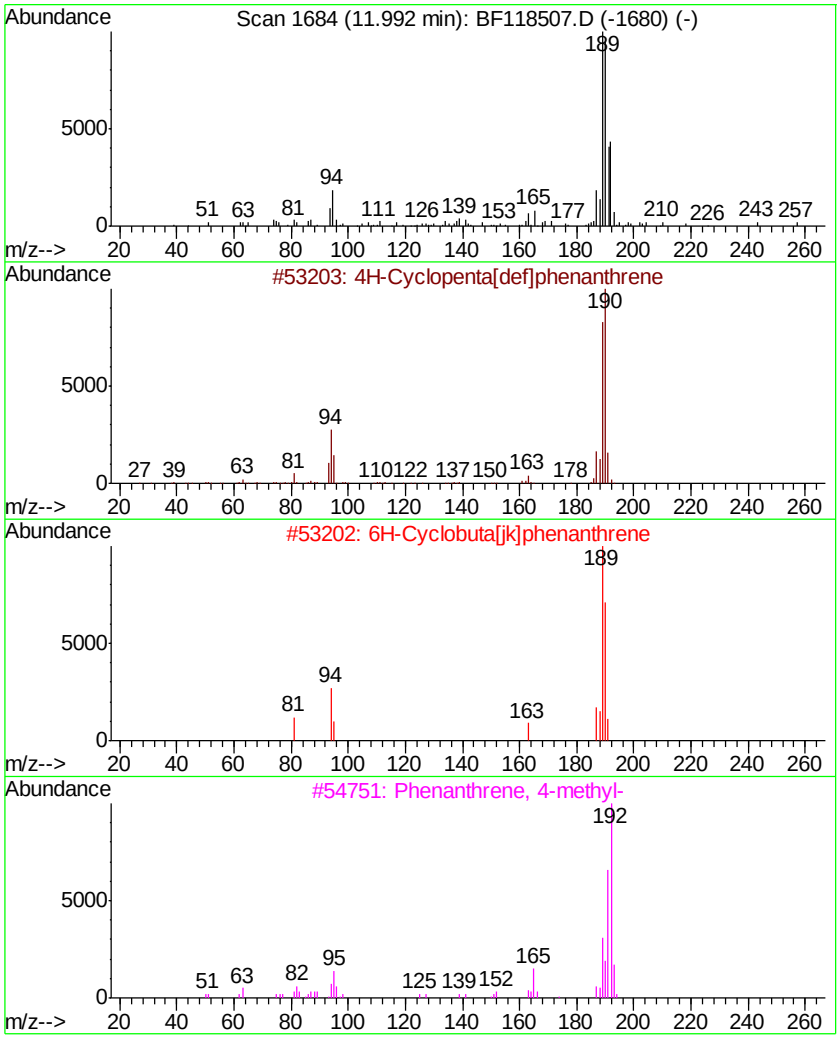
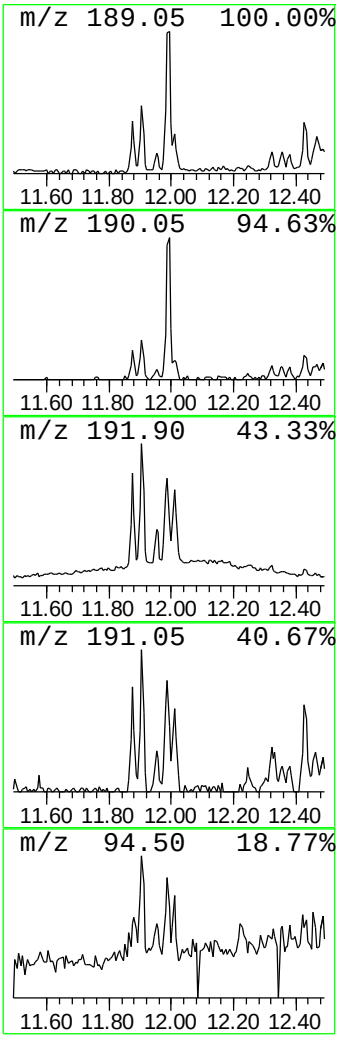
Peak Number 11 unknown11.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.35 ng	103963	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	45





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Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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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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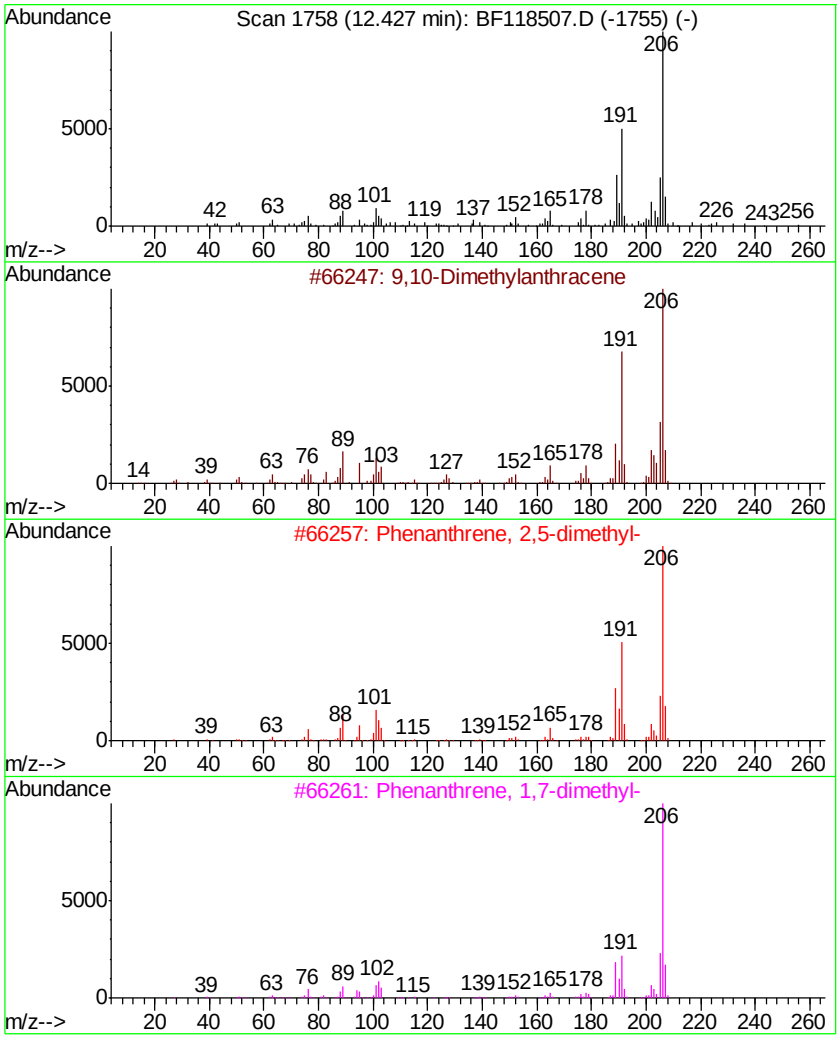
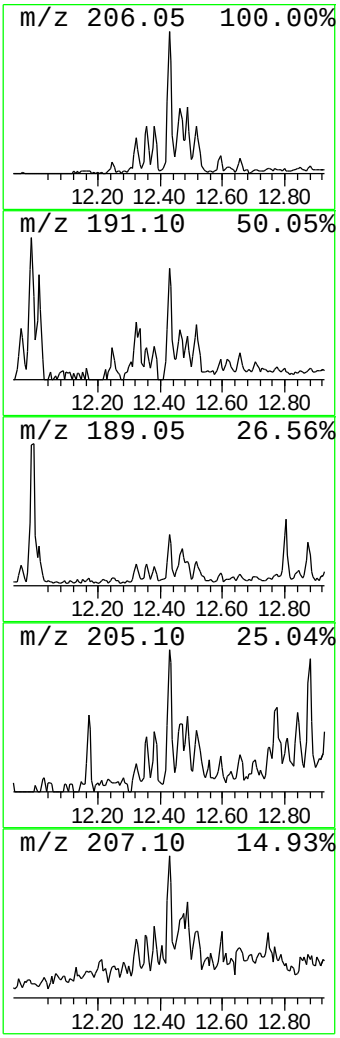
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.01 ng	93354	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Acq On : 8 Jan 2020 19:21
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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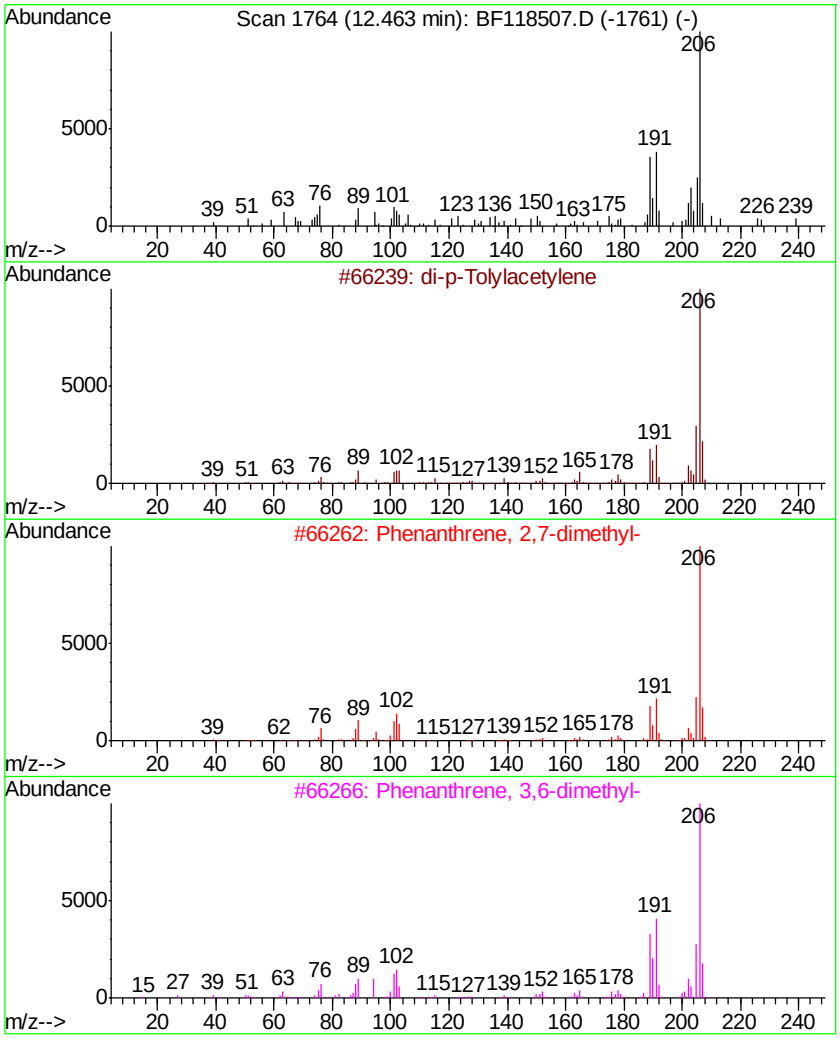
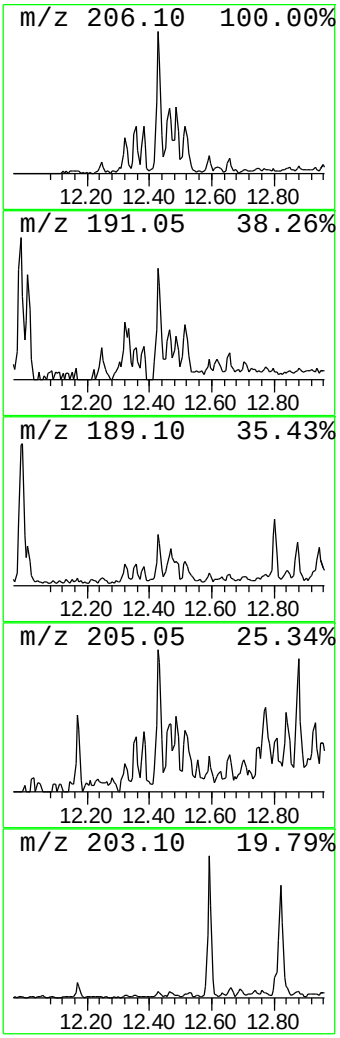
Peak Number 13 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.51 ng	77987	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	62
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	59
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	50
5	1-(4-Methoxyphenyl)imidazoline-2...	206	C10H10N2OS	017452-14-1	47





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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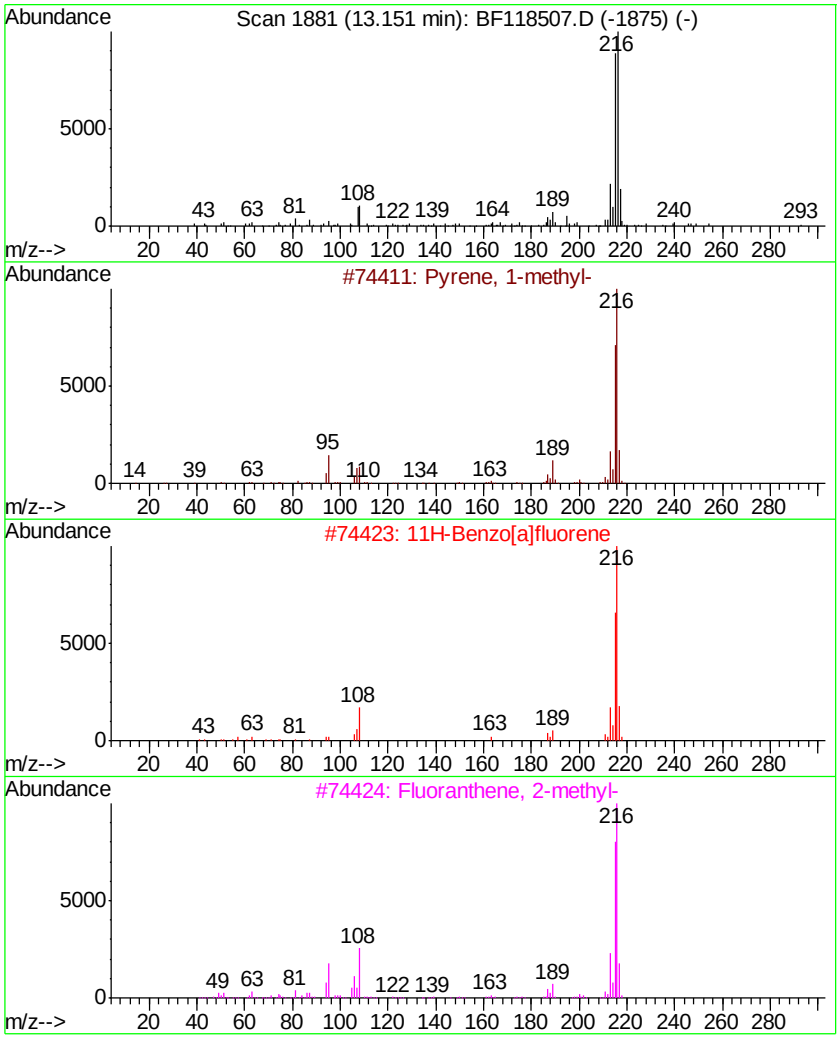
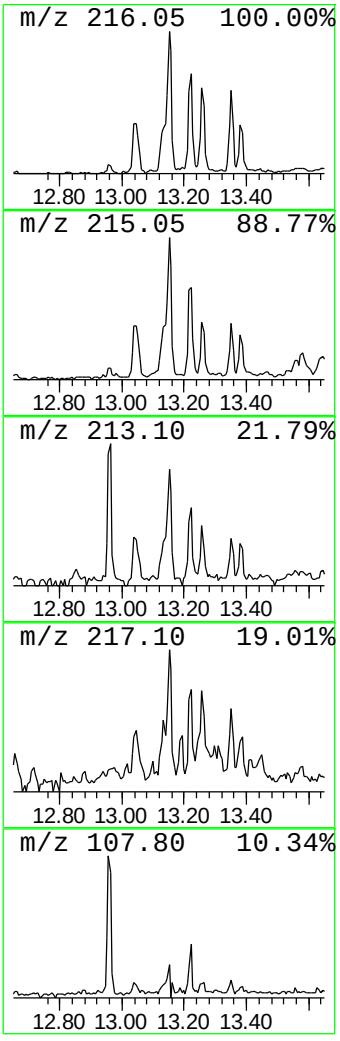
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.71 ng	161452	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74





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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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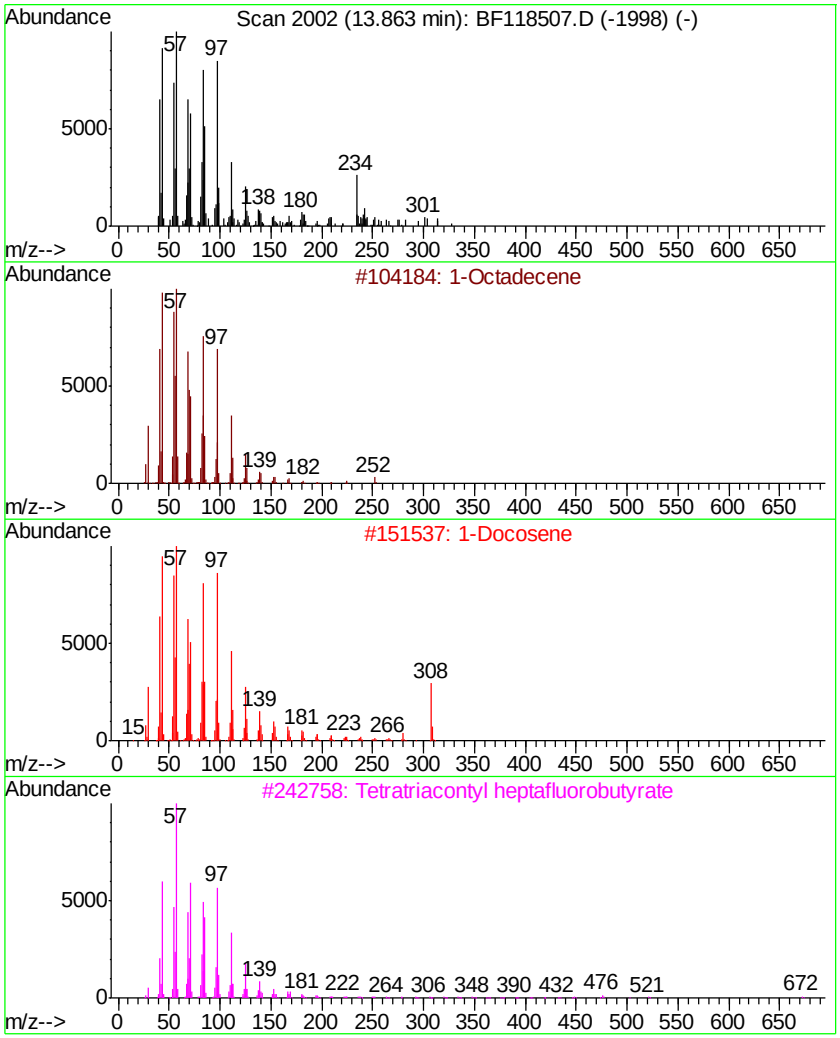
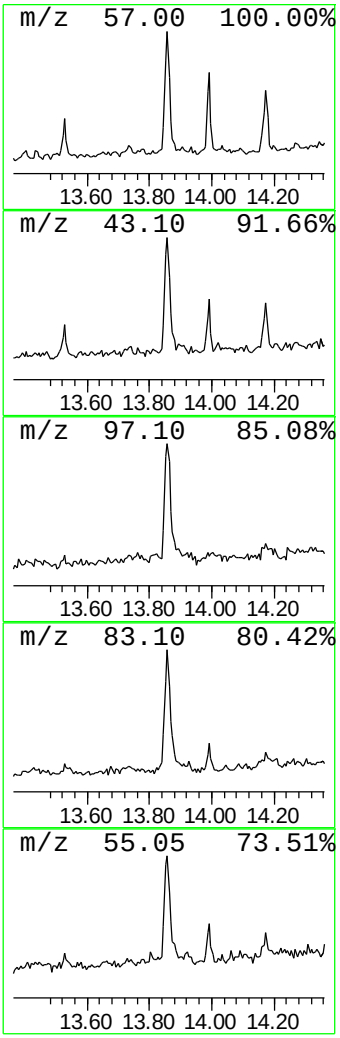
Peak Number 15 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.68 ng	290400	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	86
2	1-Docosene	308	C22H44	001599-67-3	83
3	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	81
4	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	81
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	81





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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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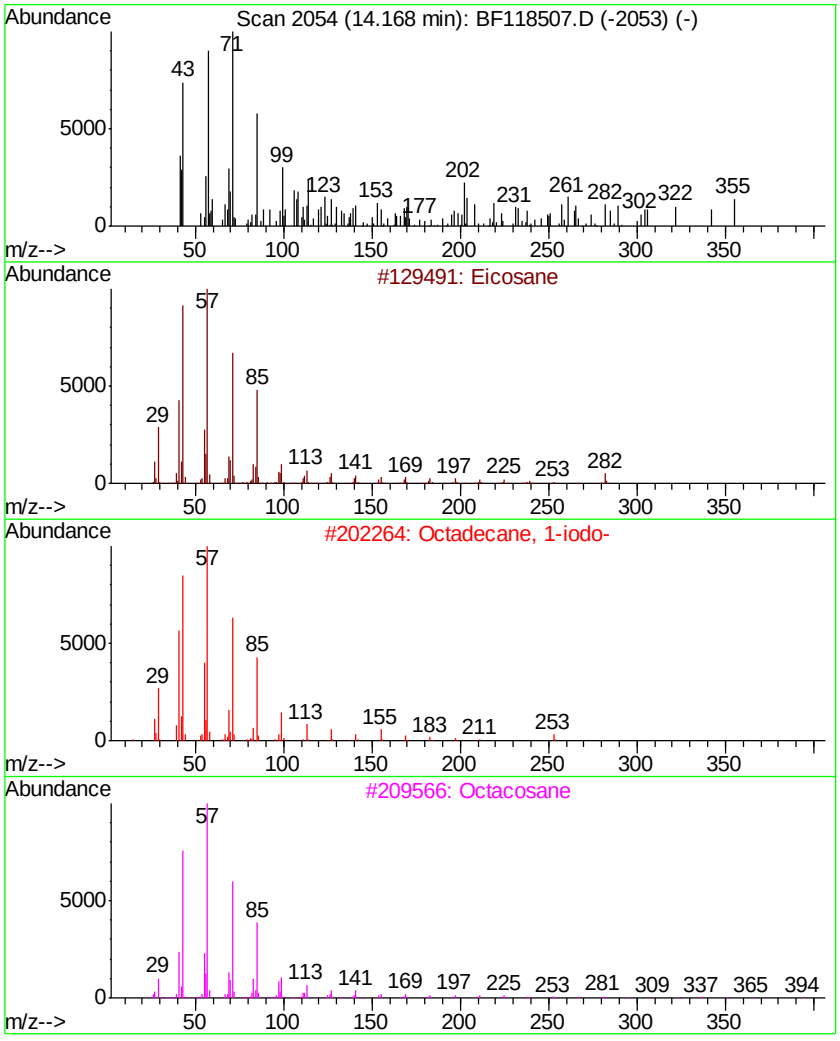
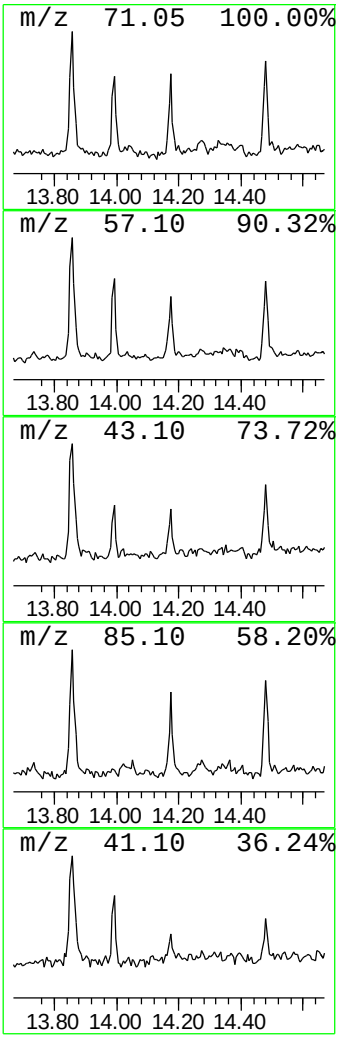
Peak Number 16 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.98 ng	129433	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
3	Octacosane	394	C28H58	000630-02-4	58
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	58
5	Nonadecane	268	C19H40	000629-92-5	58





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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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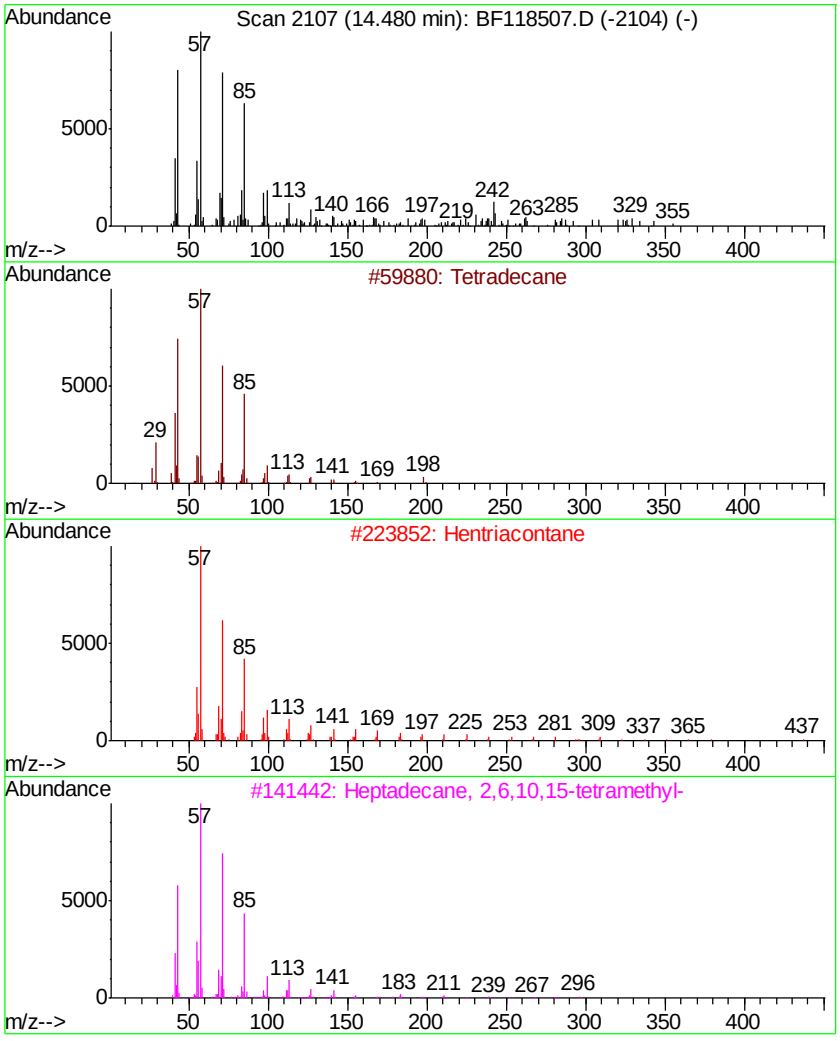
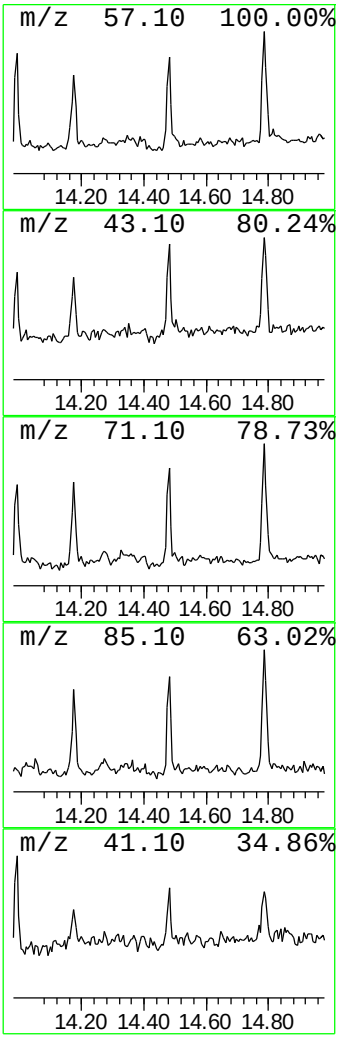
Peak Number 17 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.30 ng	100021	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	70
2	Hentriacontane	437	C31H64	000630-04-6	68
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4	Heneicosane	296	C21H44	000629-94-7	62
5	Hexadecane	226	C16H34	000544-76-3	62





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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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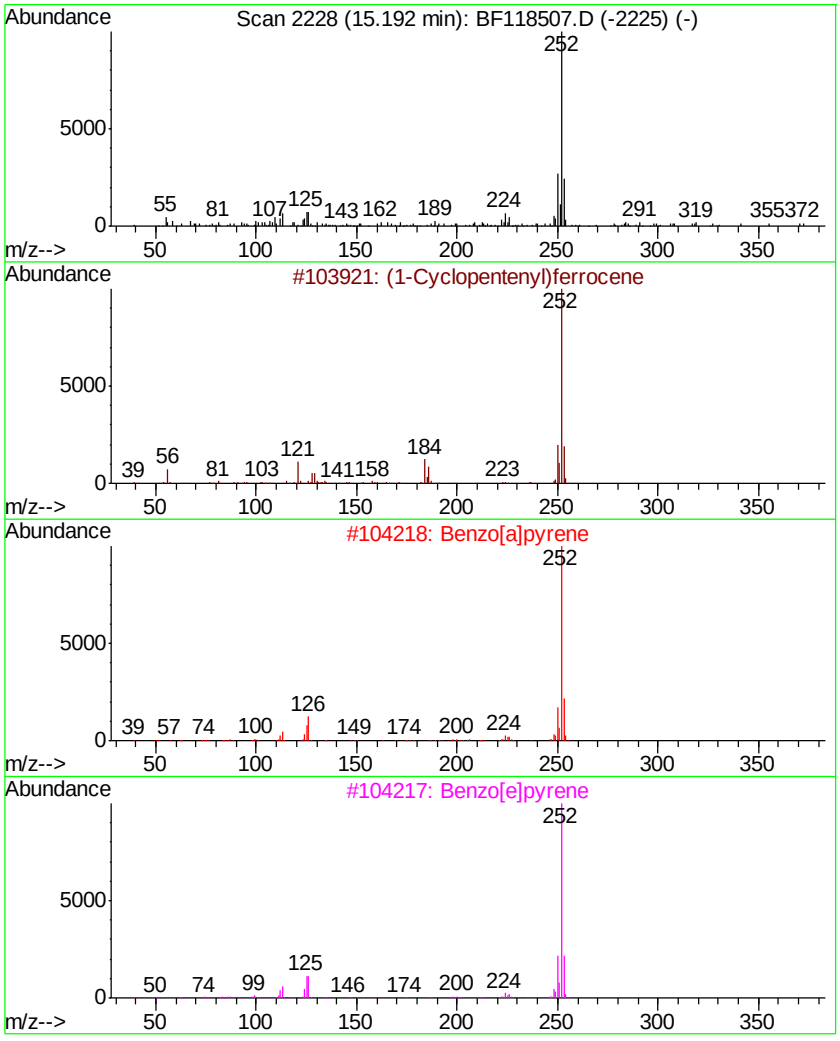
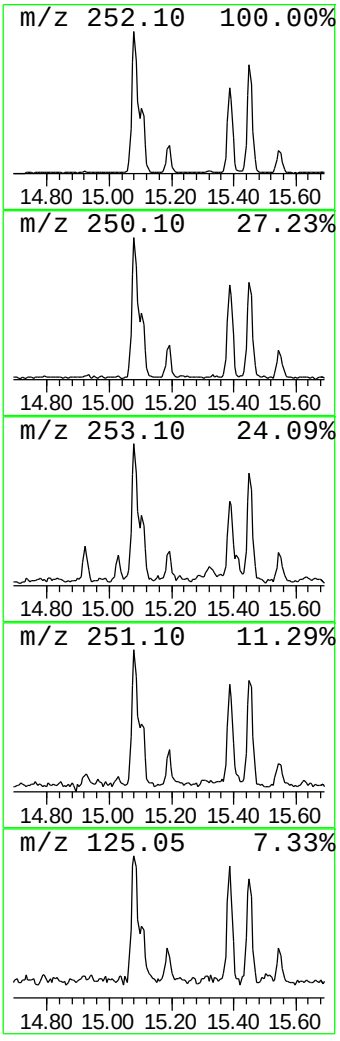
Peak Number 18 (1-Cyclopentenyl)ferrocene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.32 ng	78671	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	83
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76





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Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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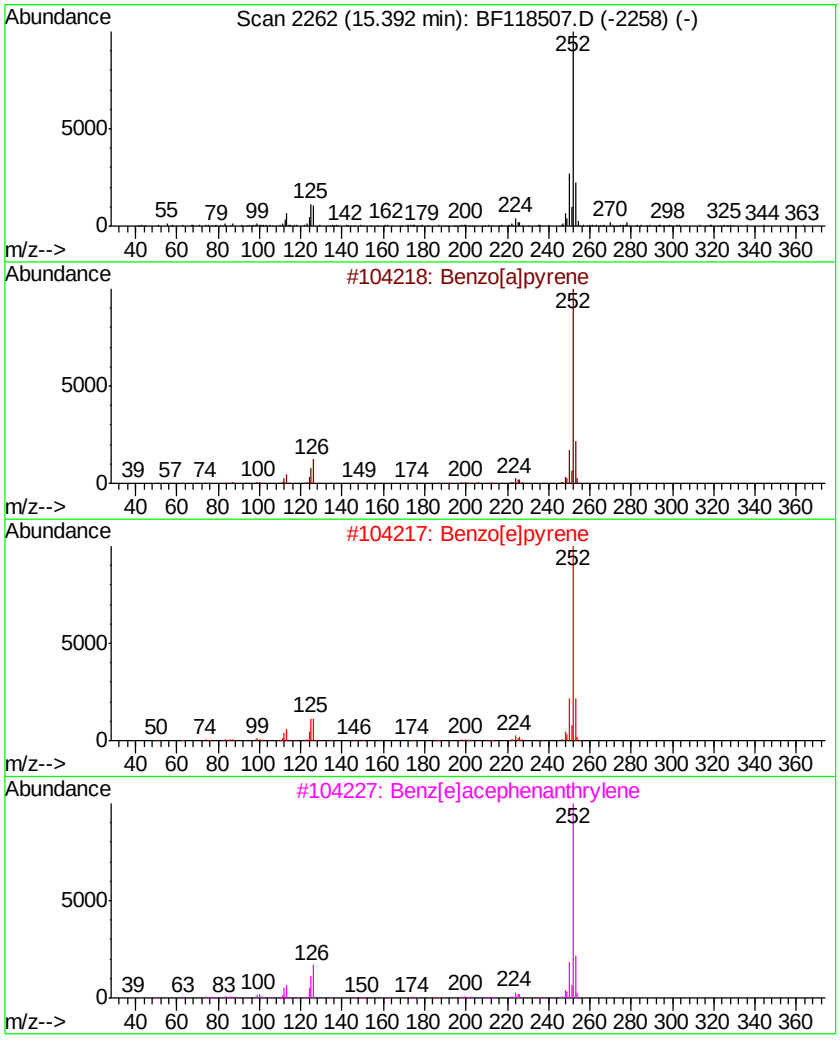
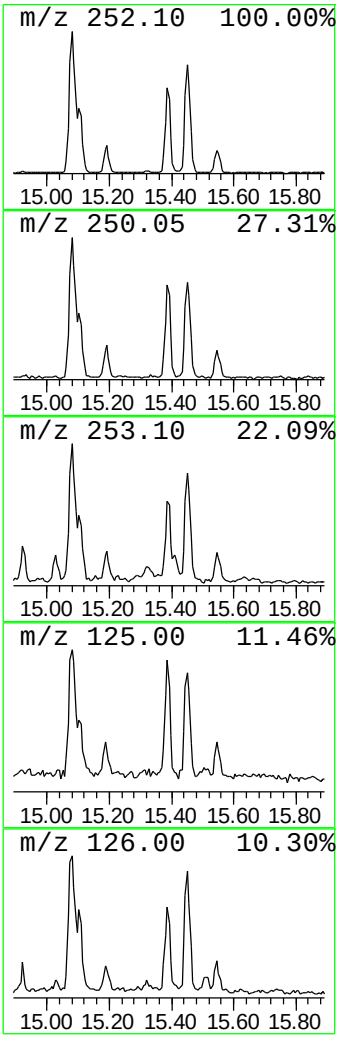
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	7.02 ng	237911	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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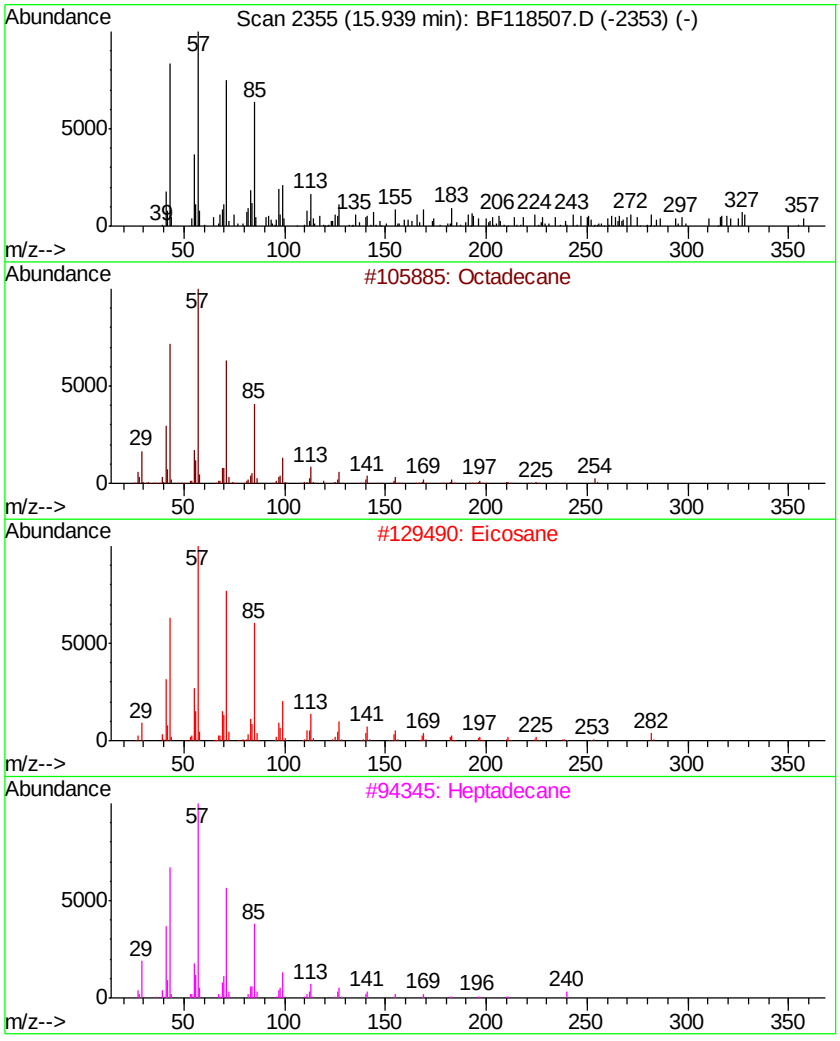
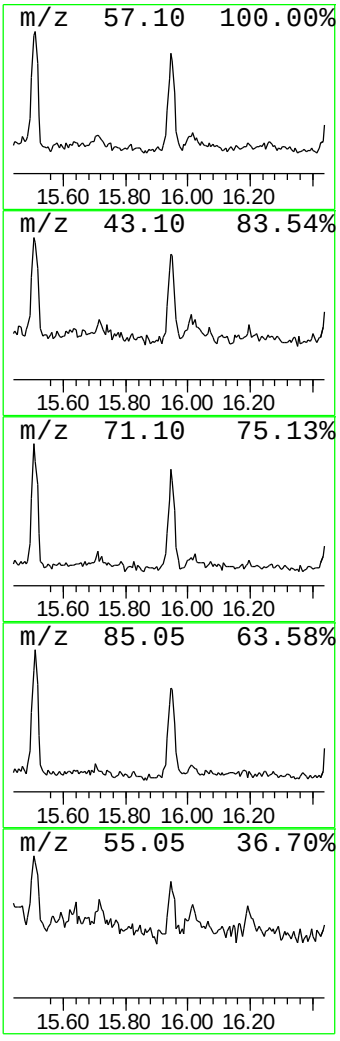
Peak Number 20 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.50 ng	118525	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptadecane	240	C17H36	000629-78-7	89
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heneicosane	296	C21H44	000629-94-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010820\
Data File : BF118507.D
Acq On : 8 Jan 2020 19:21
Operator : JU
Sample : L1049-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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
2-Pentanone, 4-hy...	5.03	24.8	ng	564933	1	6.83	456213	20.0
unknown6.60	6.60	66.7	ng	1520470	1	6.83	456213	20.0
Tridecane	10.79	4.5	ng	140762	4	11.37	620768	20.0
unknown11.10	11.10	2.1	ng	66843	4	11.37	620768	20.0
8-Dimethylaminona...	11.22	2.2	ng	68203	4	11.37	620768	20.0
5H-Indeno[1,2-b]p...	11.61	2.2	ng	68538	4	11.37	620768	20.0
Anthracene, 9-met...	11.87	2.6	ng	79872	4	11.37	620768	20.0
Phenanthrene, 2-m...	11.90	5.6	ng	172437	4	11.37	620768	20.0
unknown11.99	11.99	3.4	ng	103963	4	11.37	620768	20.0
9,10-Dimethylanth...	12.43	3.0	ng	93354	4	11.37	620768	20.0
di-p-Tolylacetylene	12.46	2.5	ng	77987	4	11.37	620768	20.0
Pyrene, 1-methyl-	13.15	3.7	ng	161452	5	14.03	869928	20.0
1-Octadecene	13.86	6.7	ng	290400	5	14.03	869928	20.0
Eicosane	14.17	3.0	ng	129433	5	14.03	869928	20.0
Tetradecane	14.48	2.3	ng	100021	5	14.03	869928	20.0
(1-Cyclopentenyl)...	15.19	2.3	ng	78671	6	15.52	677415	20.0
Benzo[e]pyrene	15.39	7.0	ng	237911	6	15.52	677415	20.0
Octadecane	15.94	3.5	ng	118525	6	15.52	677415	20.0