LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

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-BF101819.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	5.351	552	555	579	rBV	641794	754757	85.67%	7.966%
2	6.381	727	730	748	rBV	756047	852620	96.78%	8.999%
3	6.504	748	751	759	rVV	982782	880997	100.00%	9.298%
4	6.563	759	761	766	rVB3	10182	11152	1.27%	0.118%
5	6.728	786	789	801	rVB	224894	196914	22.35%	2.078%
6	6.881	812	815	827	rBV	642233	631613	71.69%	6.666%
7	6.992	830	834	842	rVB2	6869	10509	1.19%	0.111%
8	7.292	882	885	902	rBV	501597	509973	57.89%	5.382%
9	7.587	933	935	941	rVB	10987	10767	1.22%	0.114%
10	8.010	1004	1007	1022	rBV	266981	247993	28.15%	2.617%
11	8.228	1041	1044	1051	rBB	12819	11004	1.25%	0.116%
12	8.286	1051	1054	1060	rBB	12687	11044	1.25%	0.117%
13	8.716	1124	1127	1132	rBB2	9959	11363	1.29%	0.120%
14	9.081	1186	1189	1201	rBV	1004452	832370	94.48%	8.785%
15	9.204	1205	1210	1214	rVV2	10961	11142	1.26%	0.118%
16	9.481	1254	1257	1266	rVB	156917	131773	14.96%	1.391%
17	9.763	1301	1305	1308	rBV	313978	281972	32.01%	2.976%
18	9.792	1308	1310	1316	rVB	19111	16162	1.83%	0.171%
19	10.310	1395	1398	1402	rBV	16020	13855	1.57%	0.146%
20	10.551	1436	1439	1451	rBV	446622	441841	50.15%	4.663%
21	11.245	1554	1557	1559	rBV	247242	218282	24.78%	2.304%
22	11.269	1559	1561	1568	rVV	181799	172727	19.61%	1.823%
23	11.327	1568	1571	1575	rVB	33069	31008	3.52%	0.327%
24	11.492	1595	1599	1604	rBV4	16151	22760	2.58%	0.240%
25	11.751	1640	1643	1645	rBV	19419	17767	2.02%	0.188%
26	11.774	1645	1647	1651	rVV3	72613	72327	8.21%	0.763%
27	11.863	1658	1662	1664	rBV	30508	31454	3.57%	0.332%
28	11.886	1664	1666	1672	rVB2	15584	15350	1.74%	0.162%
29	12.045	1691	1693	1696	rVB	13121	10734	1.22%	0.113%
30	12.086	1696	1700	1705	rBV4	10918	14721	1.67%	0.155%
31	12.304	1733	1737	1745	rBV4	40962	77905	8.84%	0.822%
32	12.398	1749	1753	1756	rBV2	12640	14049	1.59%	0.148%
33	12.463	1760	1764	1767	rBV	288625	246504	27.98%	2.602%
34	12.557	1778	1780	1785	rVV3	13502	15136	1.72%	0.160%

LSC Area Percent Report

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Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

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-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.610	1787	1789	1793	rVB2	10955	12443	1.41%	0.131%
36	12.692	1797	1803	1809	rVV	229451	245947	27.92%	2.596%
37	12.745	1809	1812	1817	rVB3	11363	13741	1.56%	0.145%
38	12.827	1822	1826	1830	rBV	662020	574117	65.17%	6.059%
39	12.916	1836	1841	1845	rVB4	14195	22801	2.59%	0.241%
40	12.998	1851	1855	1856	rBV3	11998	11728	1.33%	0.124%
41	13.021	1856	1859	1862	rVV2	27675	28225	3.20%	0.298%
42	13.057	1862	1865	1868	rVB4	12105	12790	1.45%	0.135%
43	13.086	1868	1870	1873	rBV	20076	17994	2.04%	0.190%
44	13.127	1873	1877	1879	rBV2	20065	22927	2.60%	0.242%
45	13.216	1890	1892	1895	rBV	12218	13749	1.56%	0.145%
46	13.251	1895	1898	1901	rVV4	8766	12128	1.38%	0.128%
47	13.516	1939	1943	1944	rBV4	8923	10526	1.19%	0.111%
48	13.539	1944	1947	1952	rVB	22328	25852	2.93%	0.273%
49	13.645	1962	1965	1966	rBV2	19467	17217	1.95%	0.182%
50	13.733	1975	1980	1989	rVB6	68879	146571	16.64%	1.547%
51	13.892	2002	2007	2009	rBV2	236964	294439	33.42%	3.108%
52	13.916	2009	2011	2019	rVB	117375	127697	14.49%	1.348%
53	14.004	2023	2026	2030	rBV2	28163	31775	3.61%	0.335%
54	14.045	2030	2033	2036	rBV3	39783	48158	5.47%	0.508%
55	14.098	2040	2042	2045	rBV3	12618	13120	1.49%	0.138%
56	14.286	2069	2074	2076	rBV	26616	37956	4.31%	0.401%
57	14.351	2082	2085	2087	rBV3	28918	24722	2.81%	0.261%
58	14.610	2125	2129	2132	rBV5	24059	42743	4.85%	0.451%
59	14.645	2132	2135	2139	rVB	47396	48237	5.48%	0.509%
60	14.715	2144	2147	2149	rBV	39657	40122	4.55%	0.423%
61	14.921	2178	2182	2184	rBV	102701	136777	15.53%	1.444%
62	15.021	2197	2199	2203	rBV	18313	19876	2.26%	0.210%
63	15.210	2227	2231	2234	rBV2	52281	60619	6.88%	0.640%
64	15.268	2238	2241	2245	rVB	67326	75469	8.57%	0.797%
65	15.321	2246	2250	2255	rBV2	145878	208990	23.72%	2.206%
66	15.715	2314	2317	2323	rVB2	45759	66199	7.51%	0.699%
67	16.192	2393	2398	2403	rBV5	24973	47099	5.35%	0.497%
68	16.739	2486	2491	2498	rVB3	40636	85781	9.74%	0.905%
69	17.168	2561	2564	2571	rVB4	22857	45806	5.20%	0.483%

Sum of corrected areas: 9474886

LSC Report - Integrated Chromatogram

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Acq On : 25 Oct 2019 17:33
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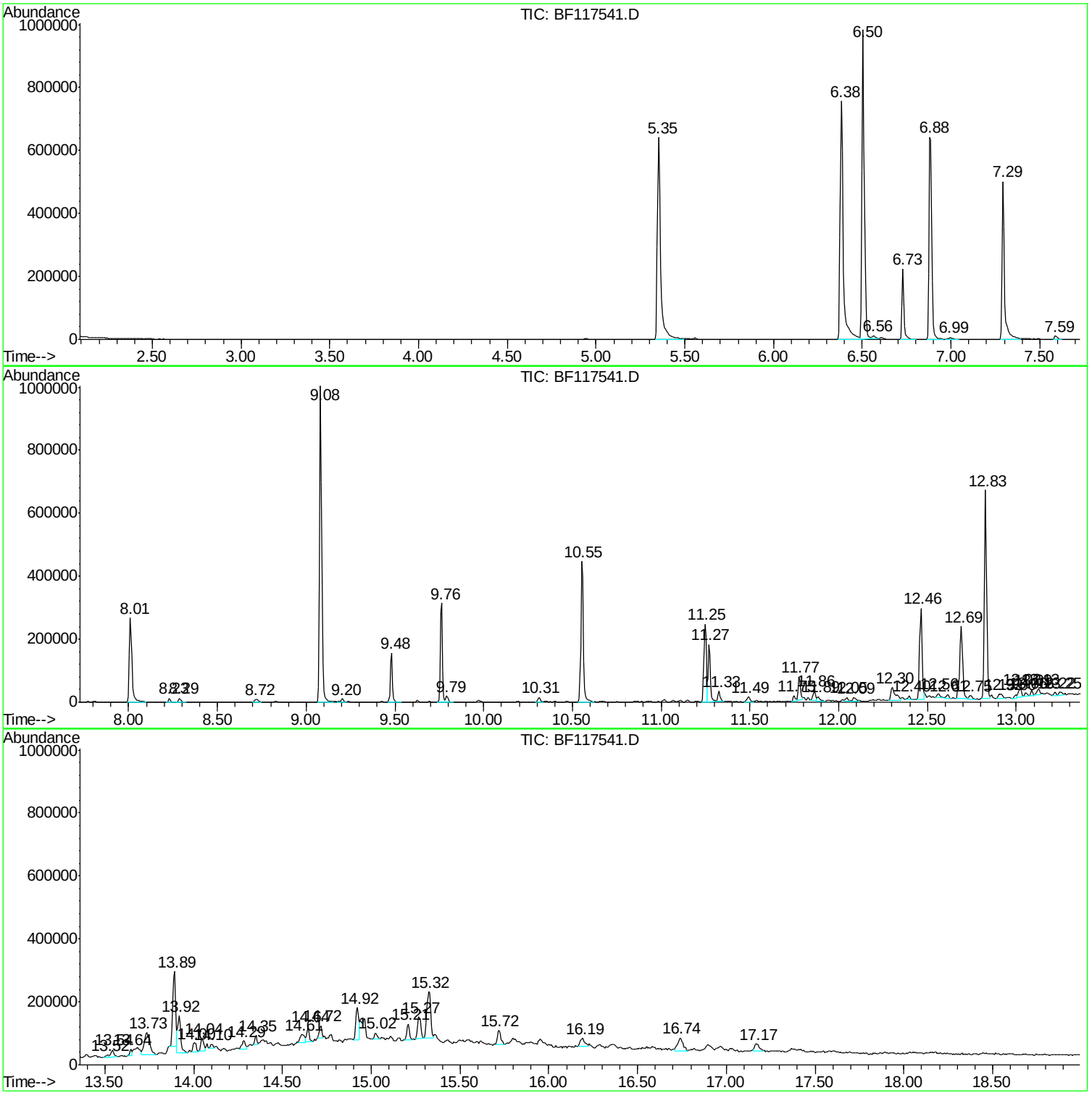
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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

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Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
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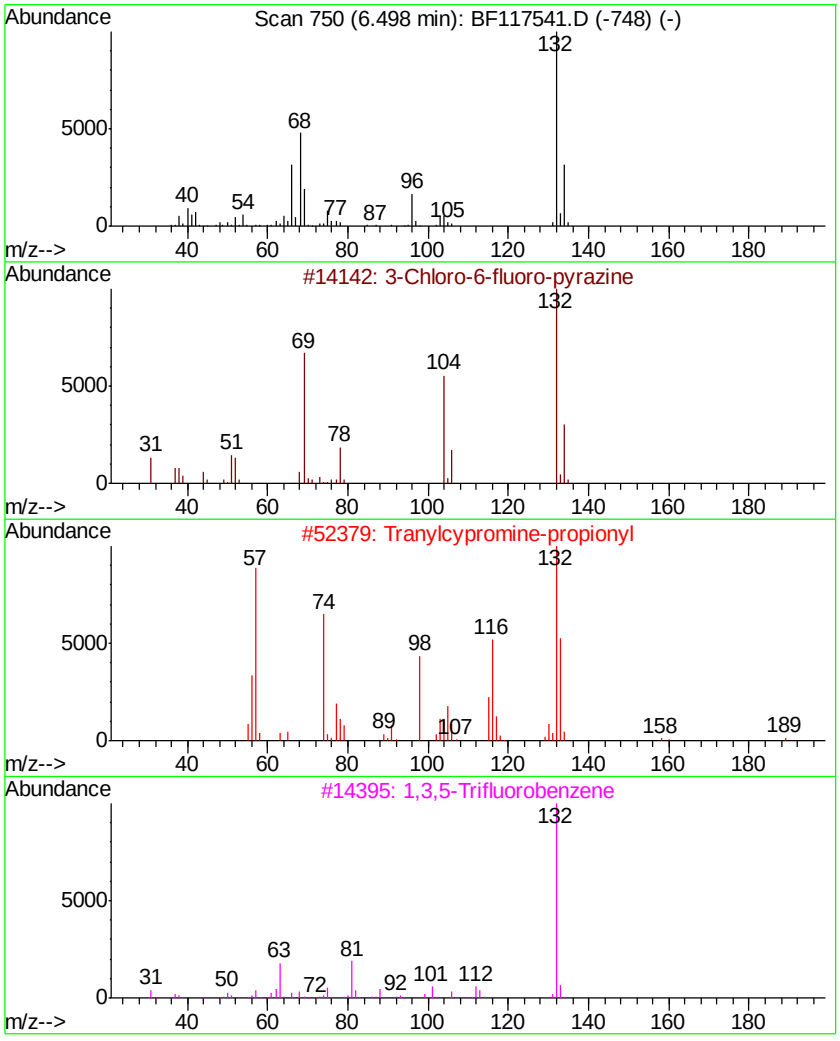
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

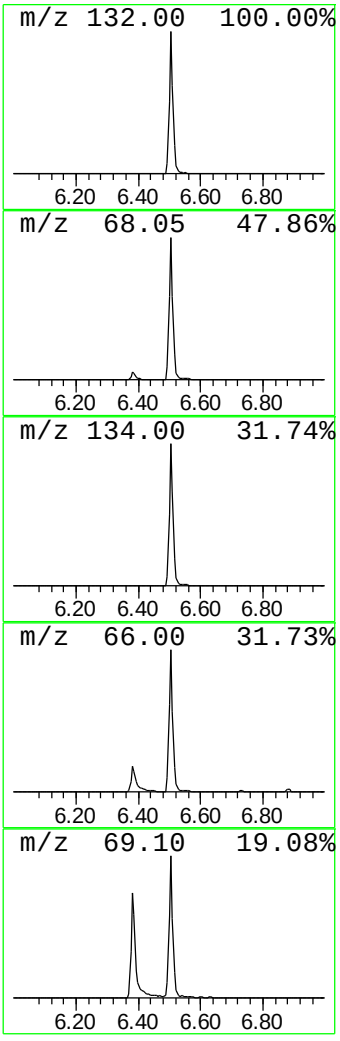
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	89.48 ng	880997	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

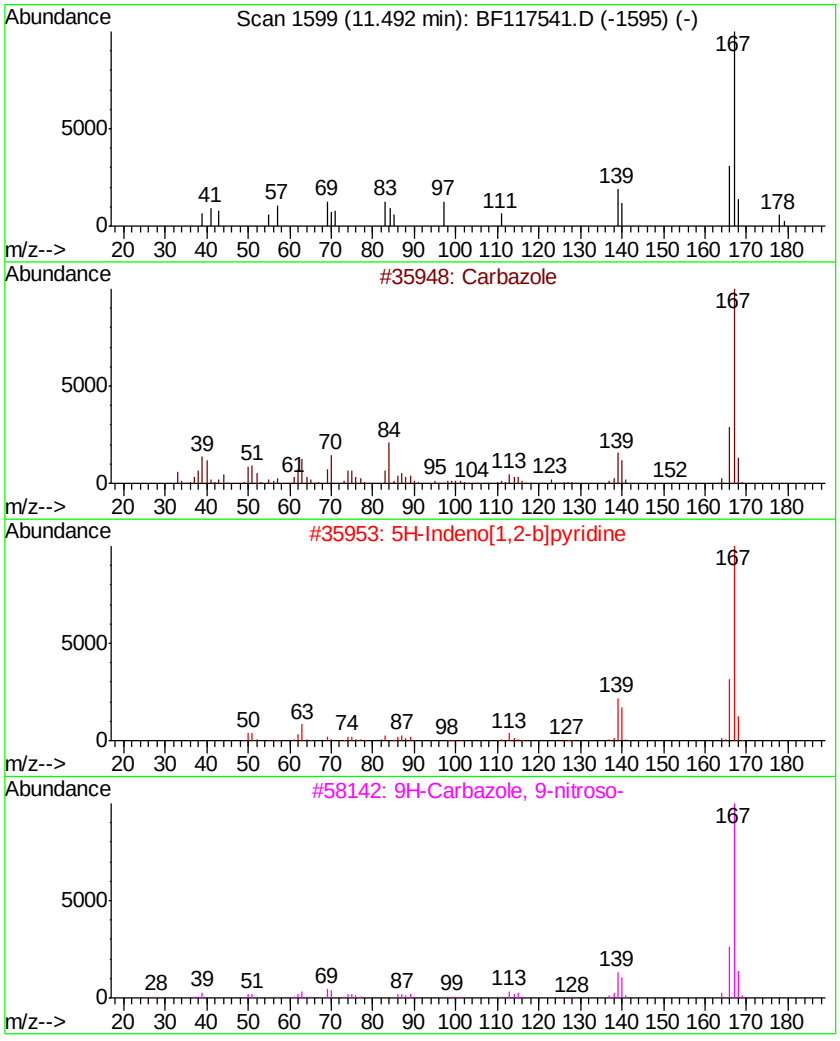
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

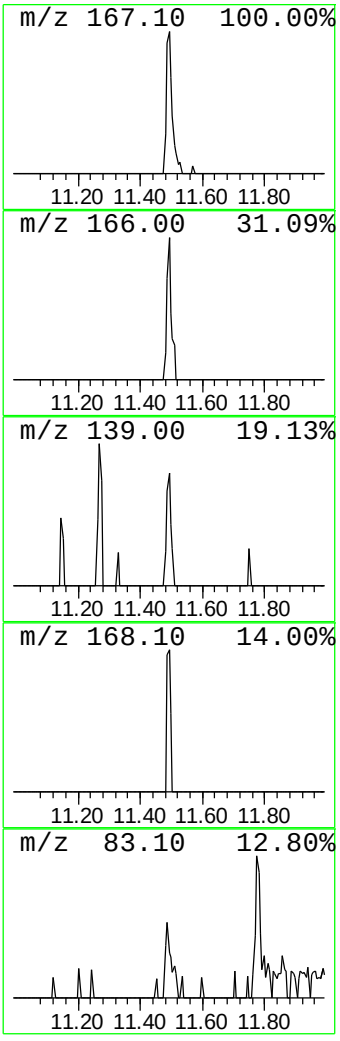
****

Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.09 ng	22760	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	72
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	64
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	64
4	2-Azafluorene	167	C12H9N	000244-40-6	59
5	5-Fluoro-2-methylphenyl isothioc...	167	C8H6FNS	175205-39-7	59





Library Search Compound Report

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Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

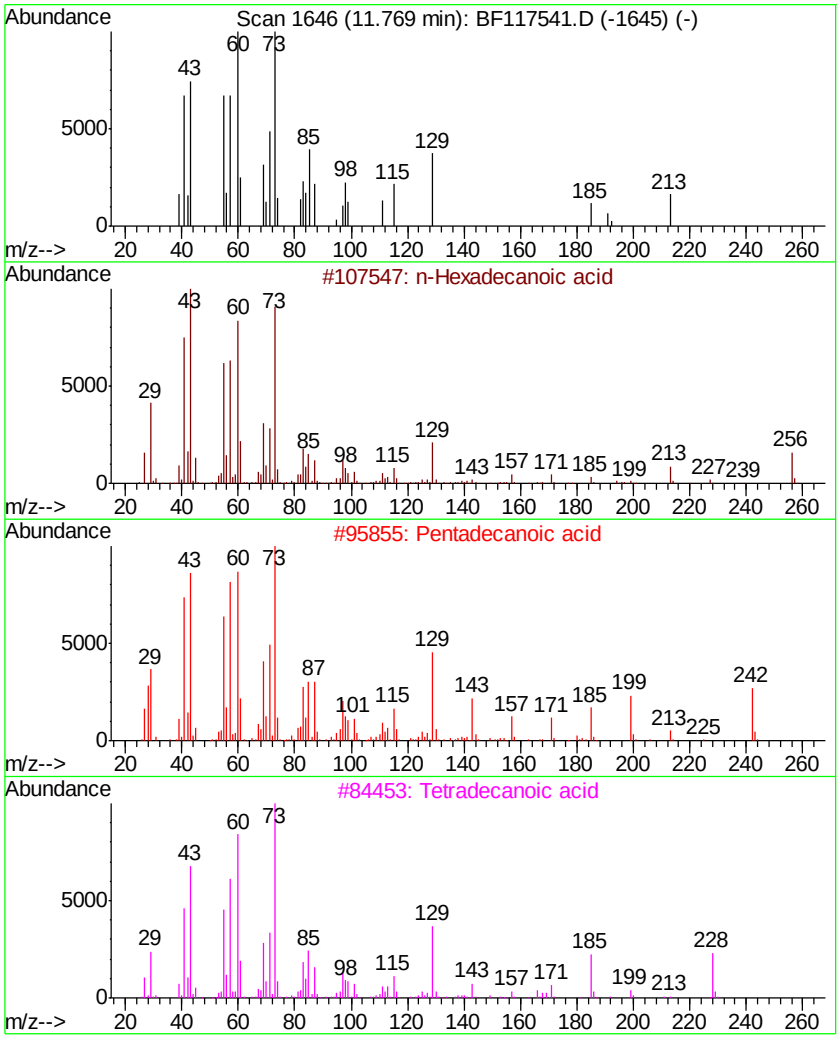
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

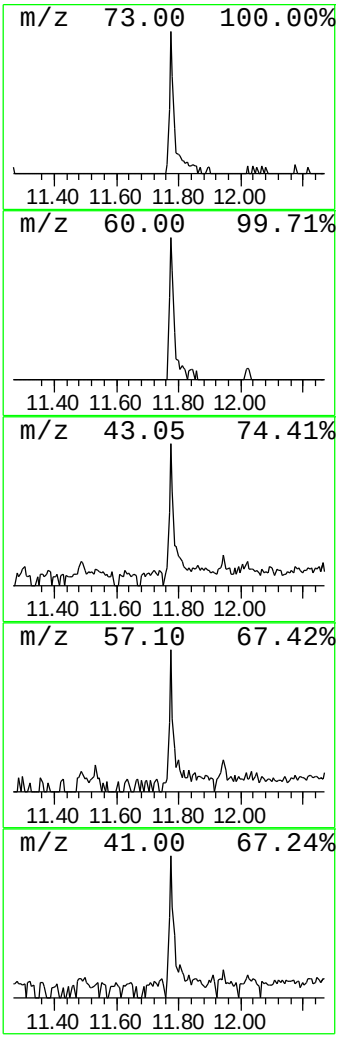
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.63 ng	72327	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	Tridecanoic acid	214	C13H26O2	000638-53-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
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Acq On : 25 Oct 2019 17:33
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Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
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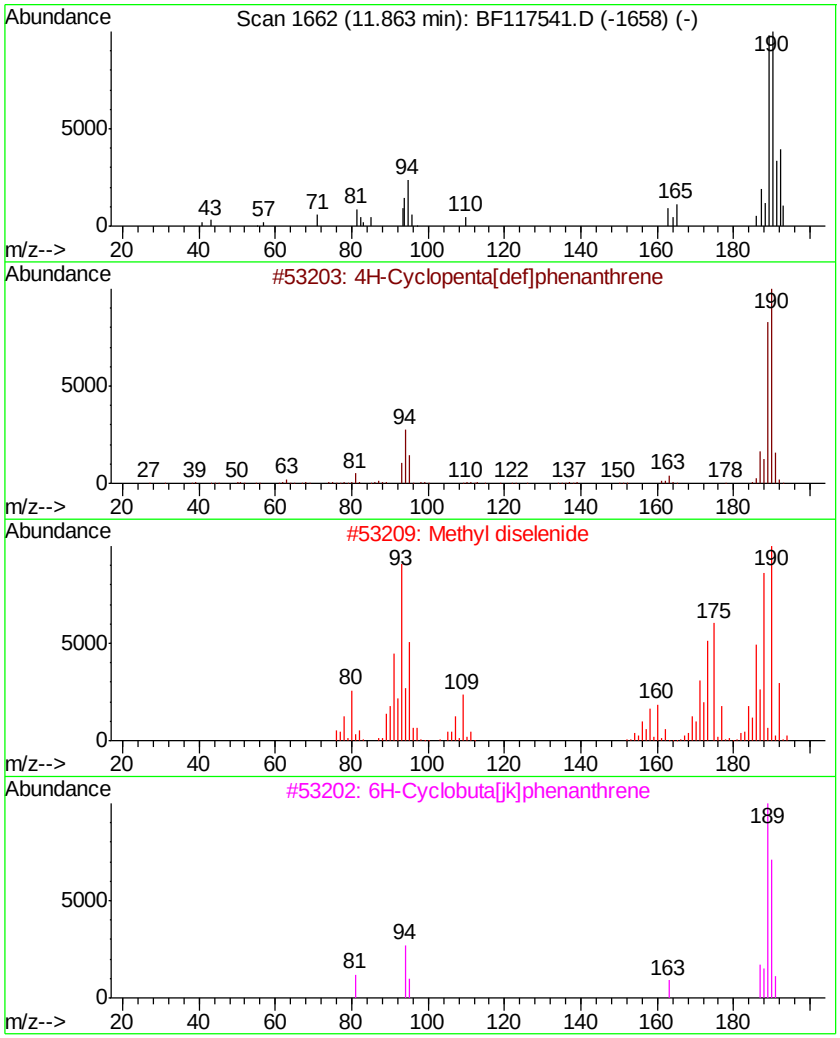
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

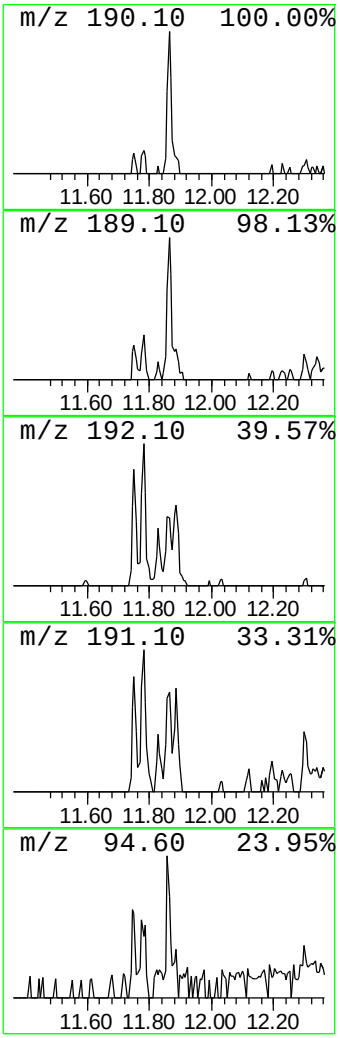
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.88 ng	31454	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Methyl diselenide	190	C2H6Se2	007101-31-7	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12
5	2-Fluoro-4-(trifluoromethyl)benz...	189	C8H3F4N	146070-34-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

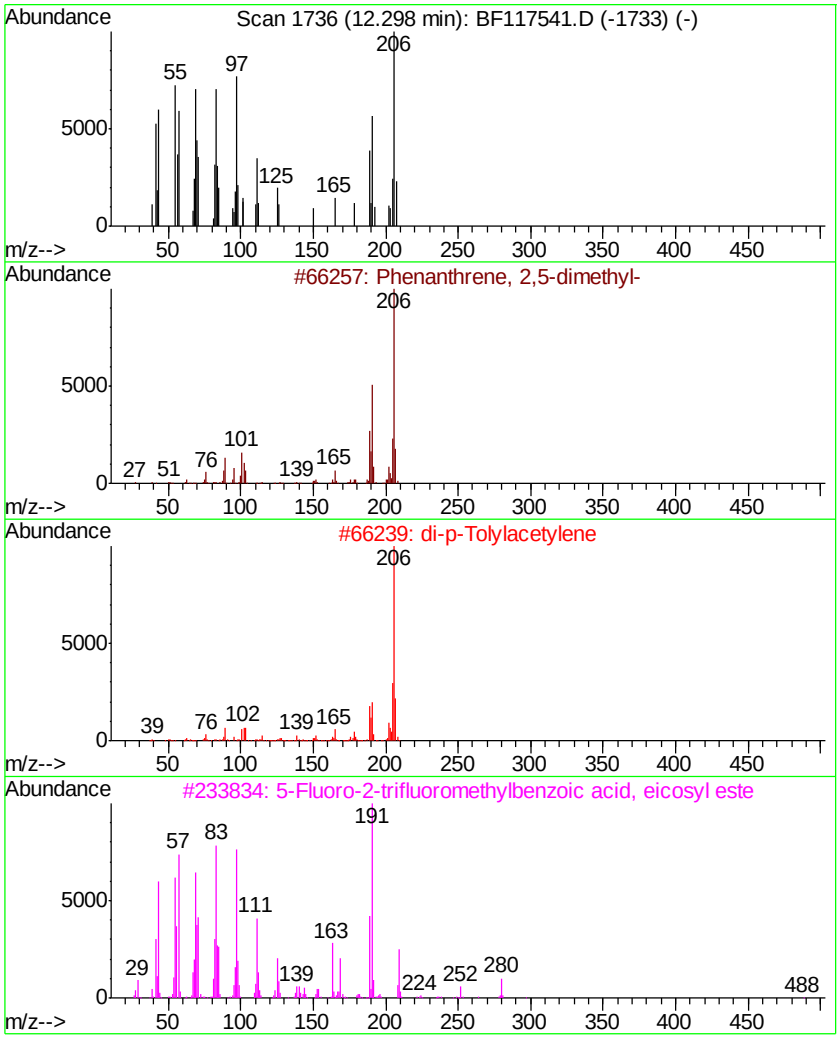
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

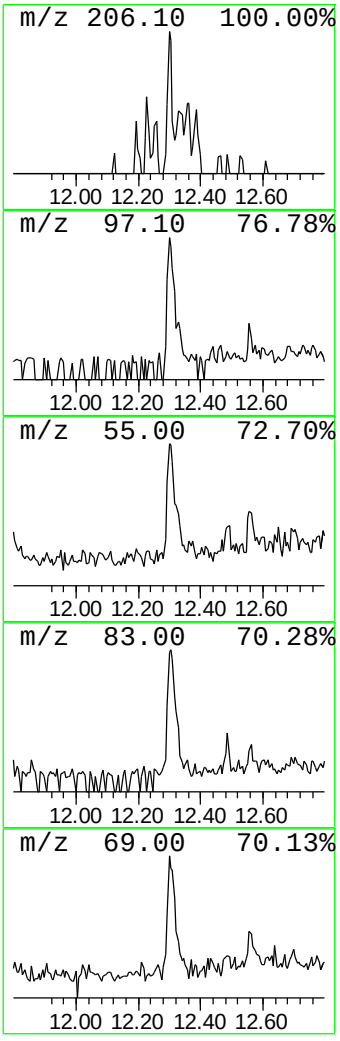
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	7.14 ng	77905	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	50
3	5-Fluoro-2-trifluoromethylbenzoi...	488	C28H44F4O2	1000338-75-6	49
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46





Library Search Compound Report

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Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

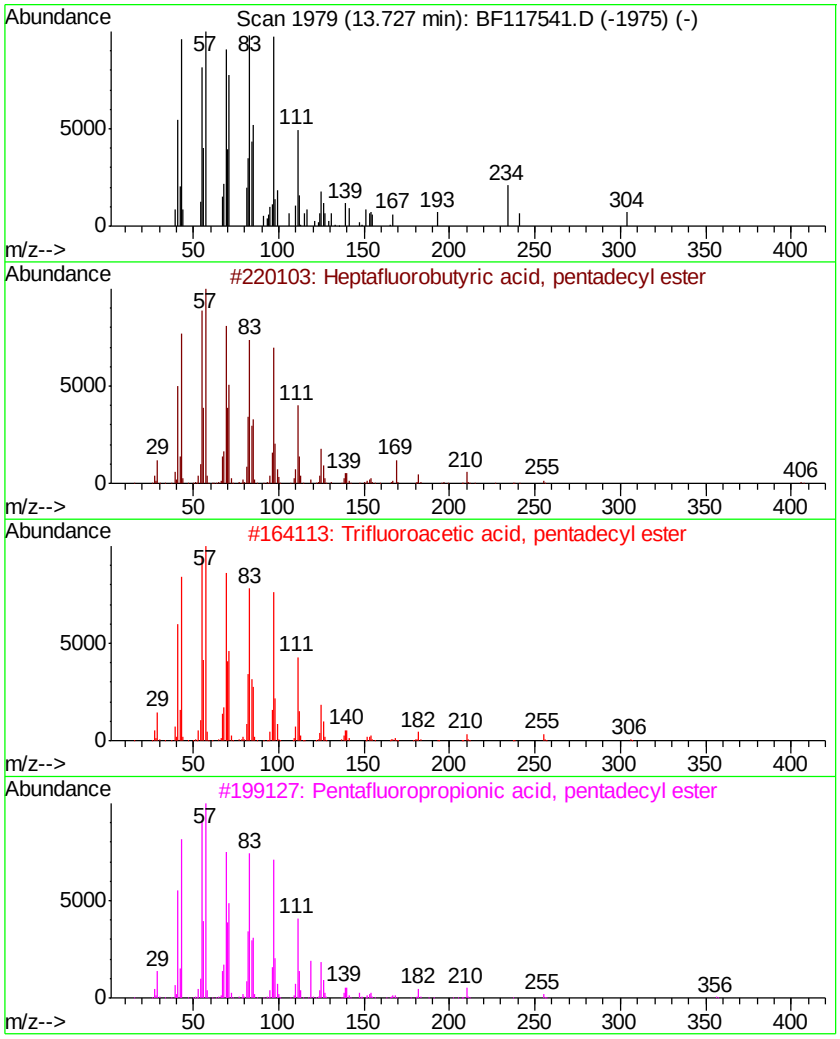
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

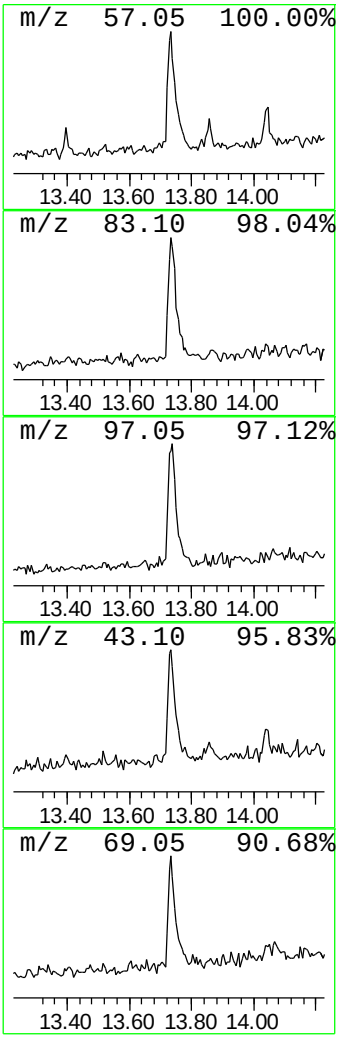
****

Peak Number 7 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	9.96 ng	146571	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

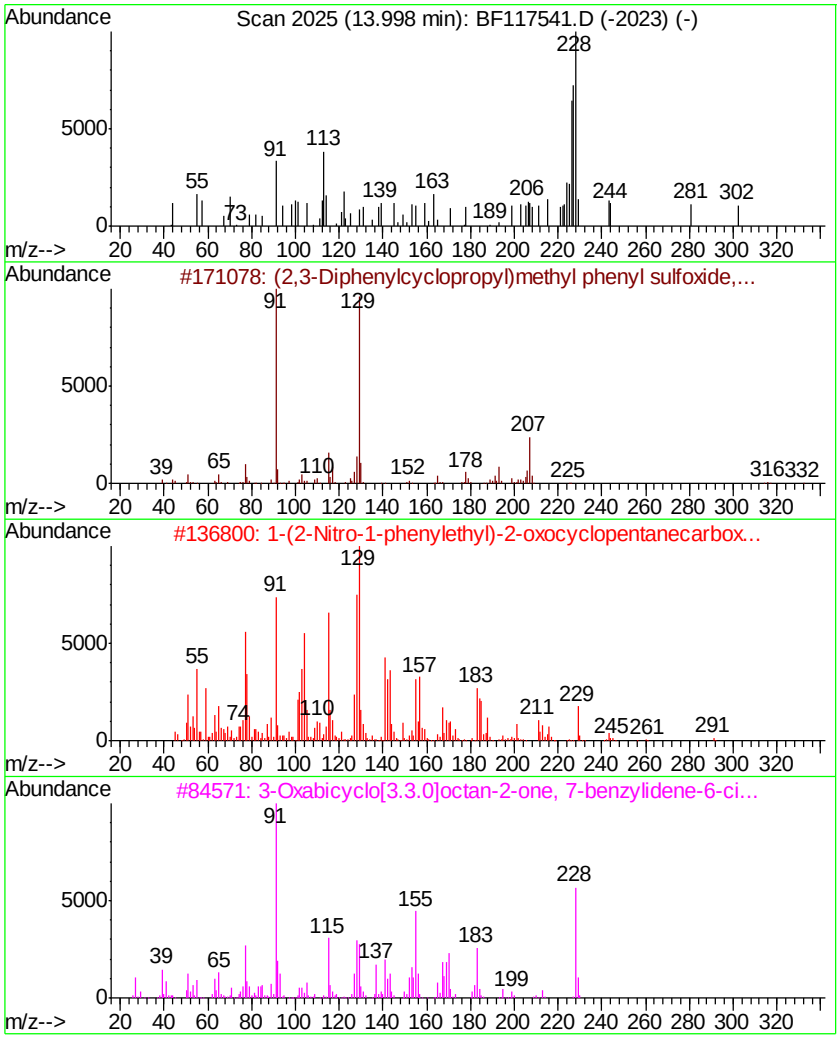
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

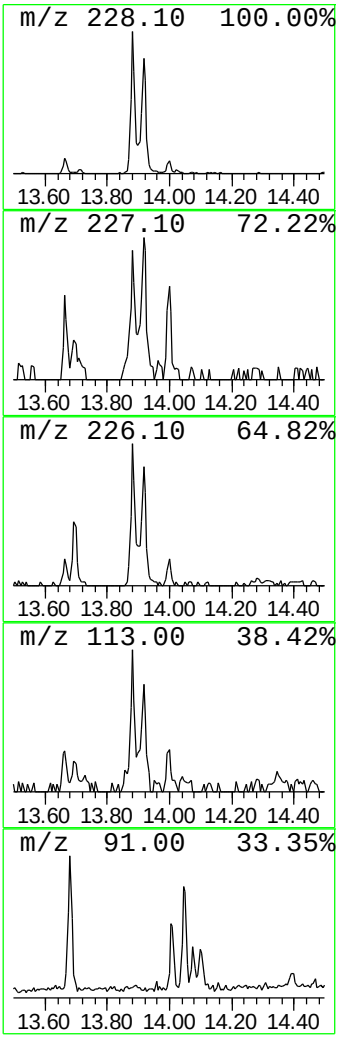
****

Peak Number 8 unknown14.00 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.16 ng	31775	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	12
2	1-(2-Nitro-1-phenylethyl)-2-oxoc...	291	C15H17NO5	1000203-07-5	10
3	3-Oxabicyclo[3.3.0]octan-2-one, ...	228	C15H16O2	1000155-86-8	10
4	Adipic acid, isobutyl 2-methyloc...	324	C19H32O4	1000324-40-5	10
5	Methyl 3-[1-[2-quinolyl]ethylide...	275	C13H13N3S2	090328-58-8	10





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Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

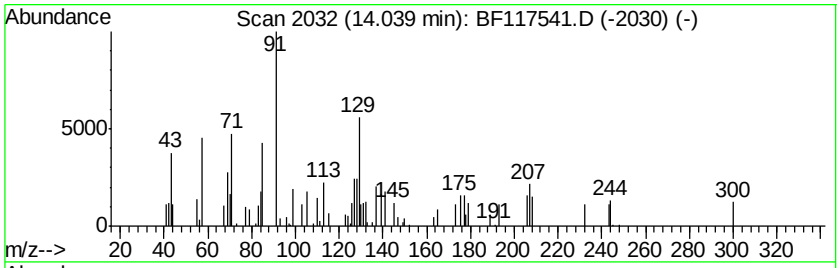
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

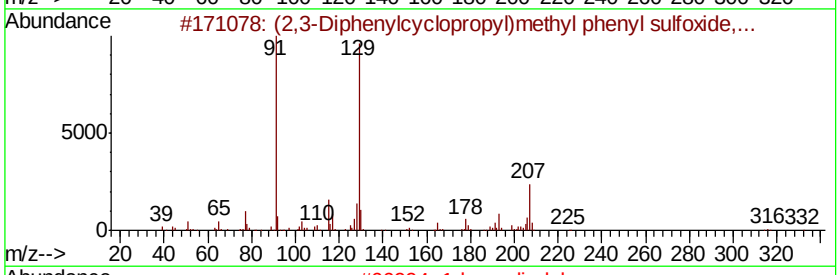
****

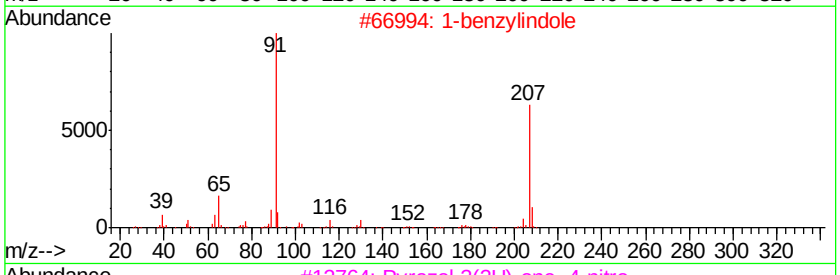
Peak Number 9 unknown14.04 Concentration Rank 12

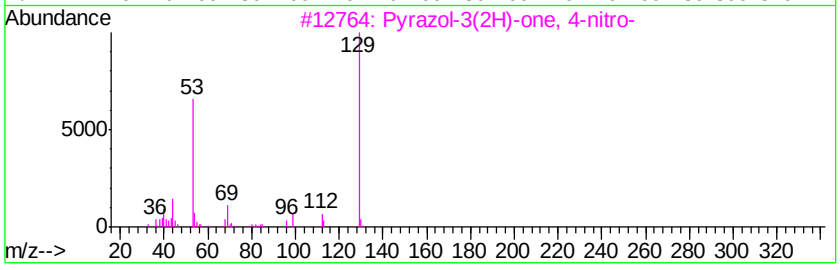
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.27 ng	48158	Chrysene-d12	13.89

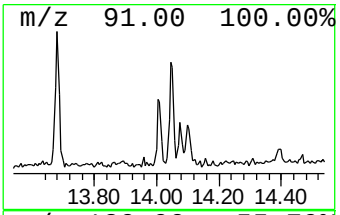
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	35
2	1-benzylindole	207	C15H13N	1000334-31-3	14
3	Pyrazol-3(2H)-one, 4-nitro-	129	C3H3N3O3	099893-02-4	11
4	2-Isobutoxy-4-methyl-[1,3,2]diox...	172	C8H17BO3	161616-29-1	10
5	Isoquinoline	129	C9H7N	000119-65-3	10

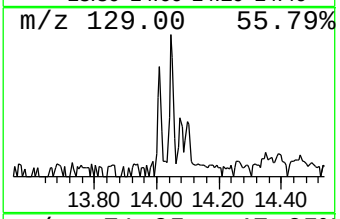


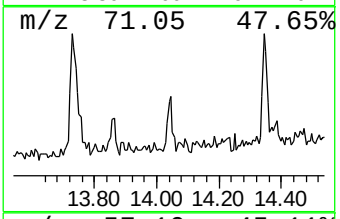


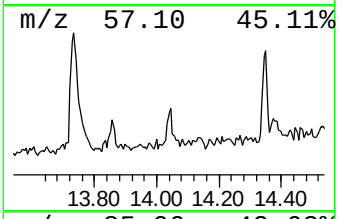


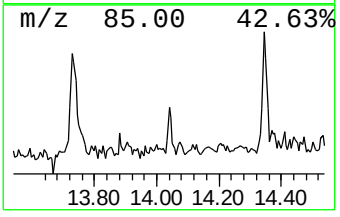












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

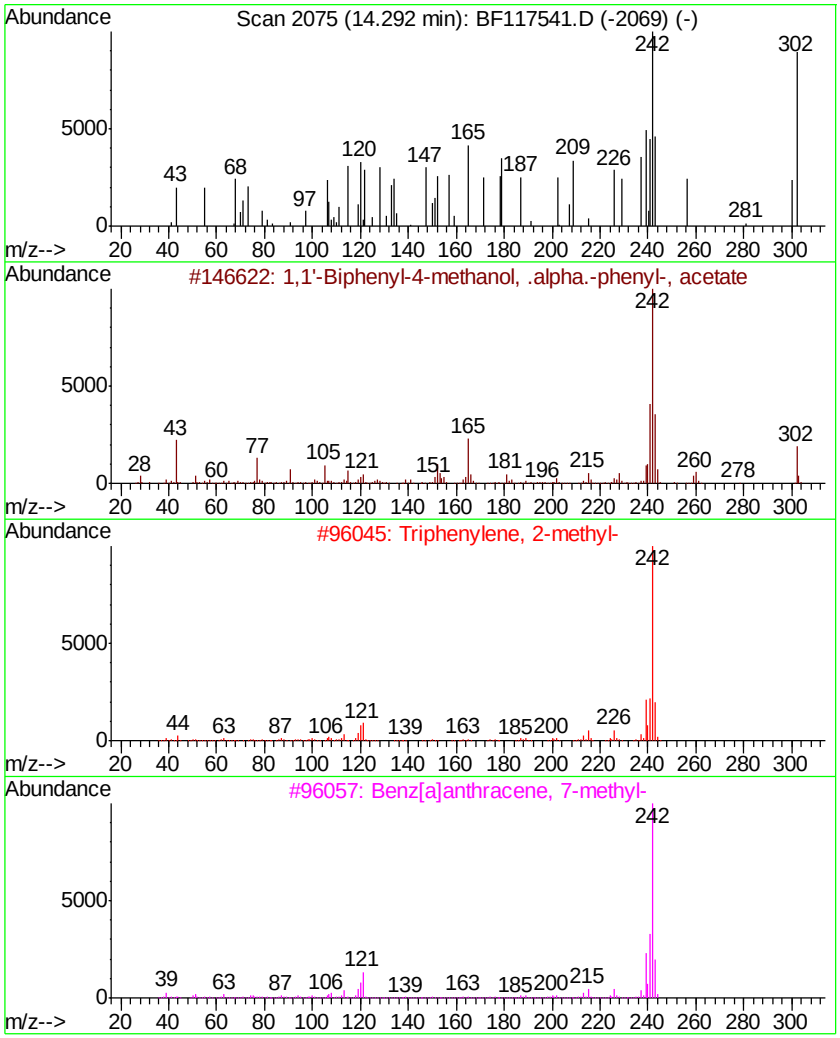
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

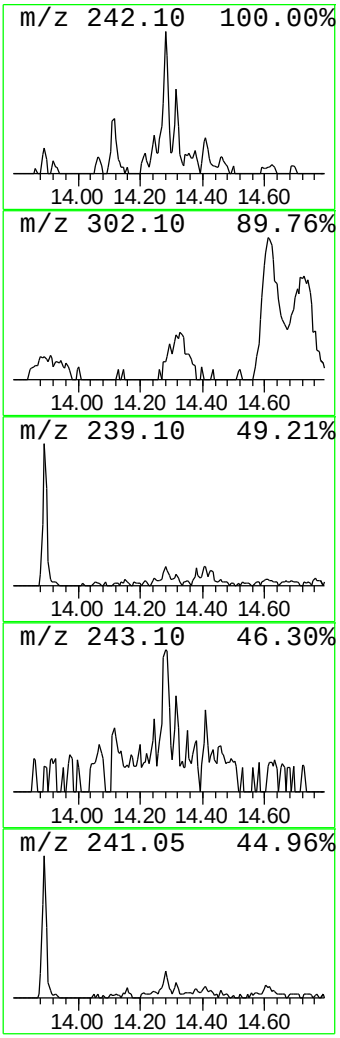
****

Peak Number 10 1,1'-Biphenyl-4-methanol, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.58 ng	37956	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl-4-methanol, .alpha...	302	C21H18O2	179996-21-5	81
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	68
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	68
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	62
5	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	59





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Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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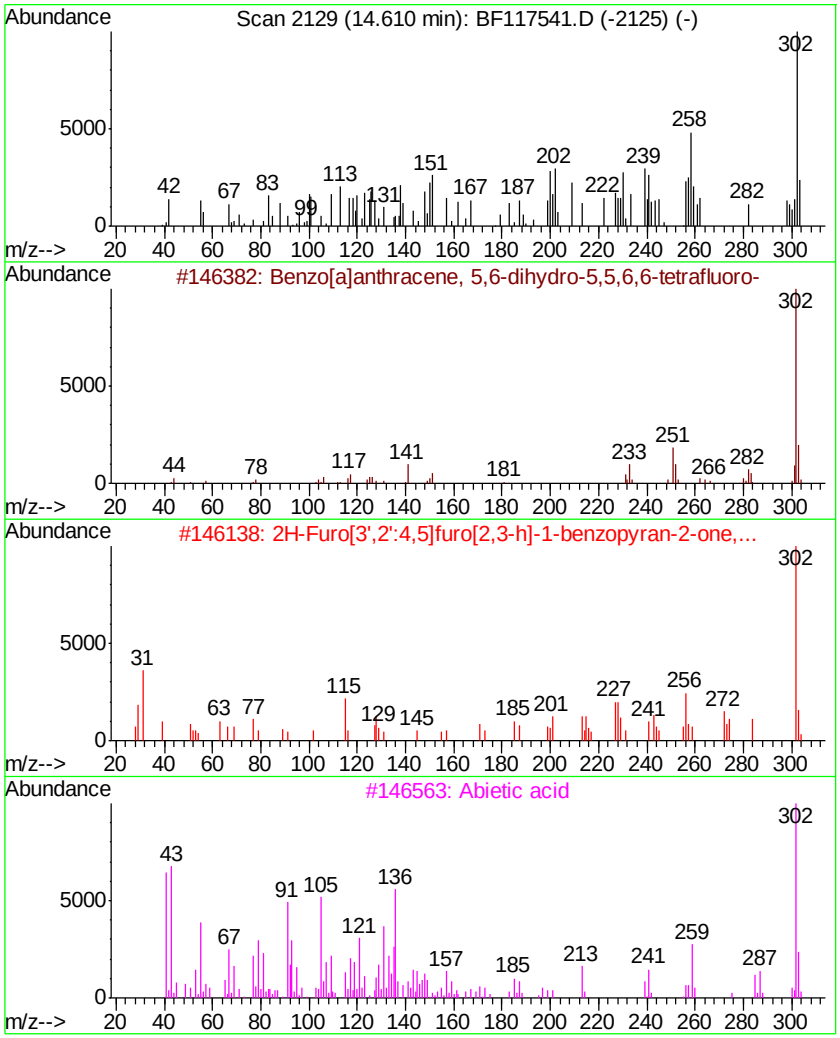
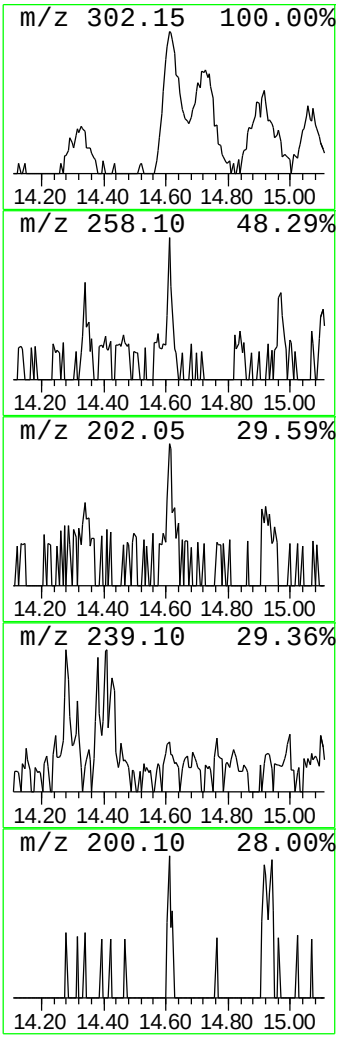
Peak Number 11 unknown14.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	4.09 ng	42743	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]anthracene, 5,6-dihydro-...	302	C18H10F4	1000116-65-8	43
2	2H-Furo[3',2':4,5]furo[2,3-h]-1-...	302	C16H14O6	023315-33-5	42
3	Abietic acid	302	C20H30O2	000514-10-3	41
4	Phosphonic acid, (3,6-dihydroxy-...	302	C14H23O5P	1000305-18-0	38
5	1,2,4-Oxadiazole, 3-(1,3-benzodi...	302	C15H8F2N2O3	1000350-01-7	35





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Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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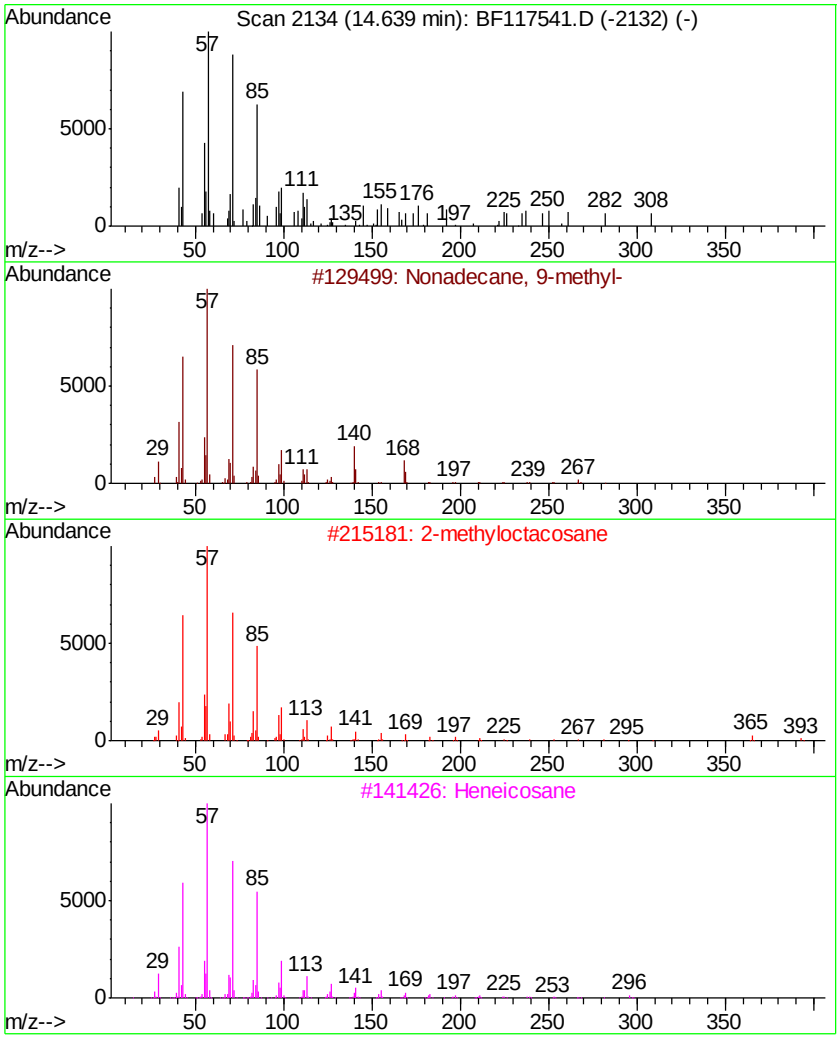
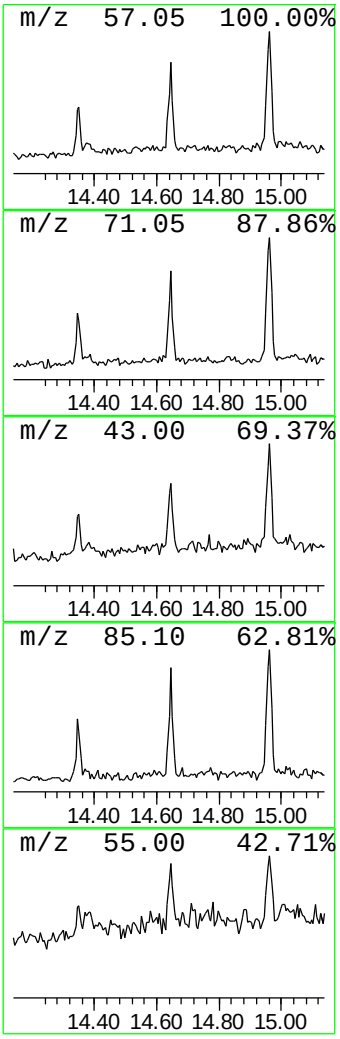
Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.62 ng	48237	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
2	2-methyloctacosane	408	C29H60	1000376-72-8	72
3	Heneicosane	296	C21H44	000629-94-7	72
4	Hexacosane	366	C26H54	000630-01-3	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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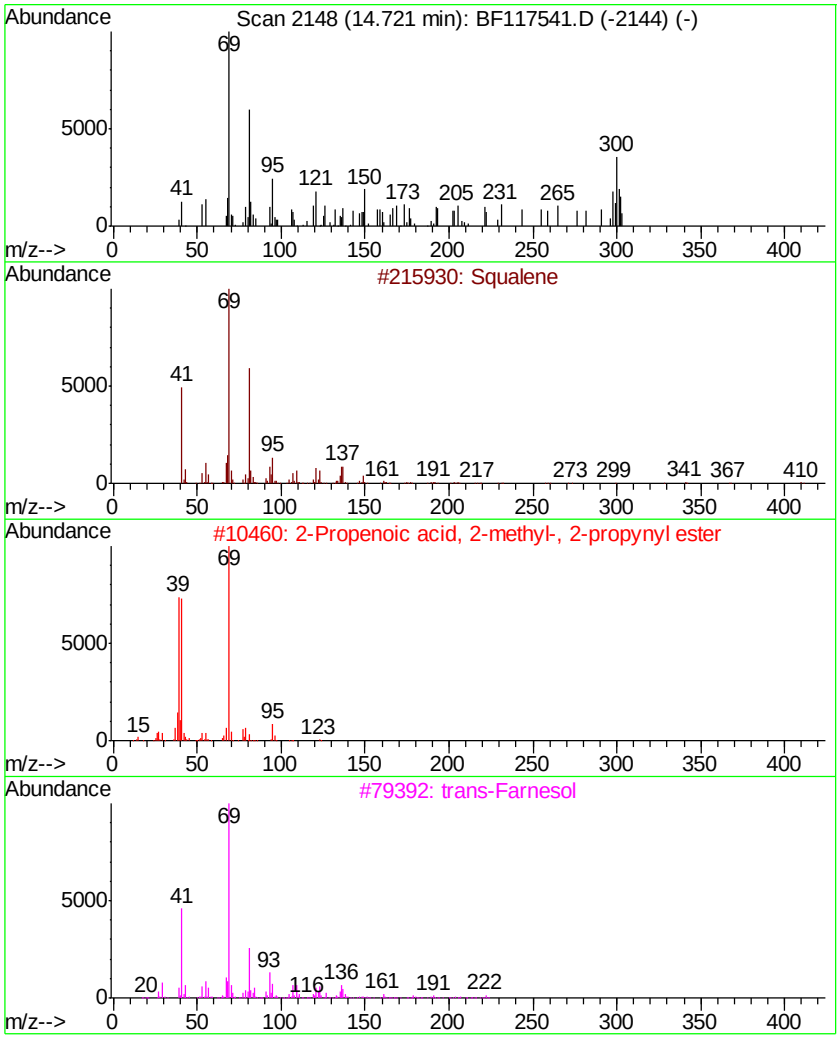
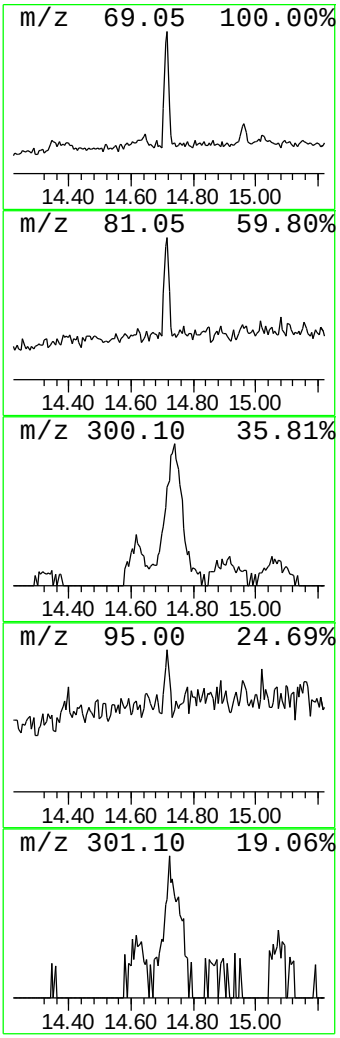
Peak Number 13 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.84 ng	40122	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	62
2	2-Propenoic acid, 2-methyl-, 2-p...	124	C7H8O2	013861-22-8	58
3	trans-Farnesol	222	C15H26O	000106-28-5	53
4	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53
5	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	041436-42-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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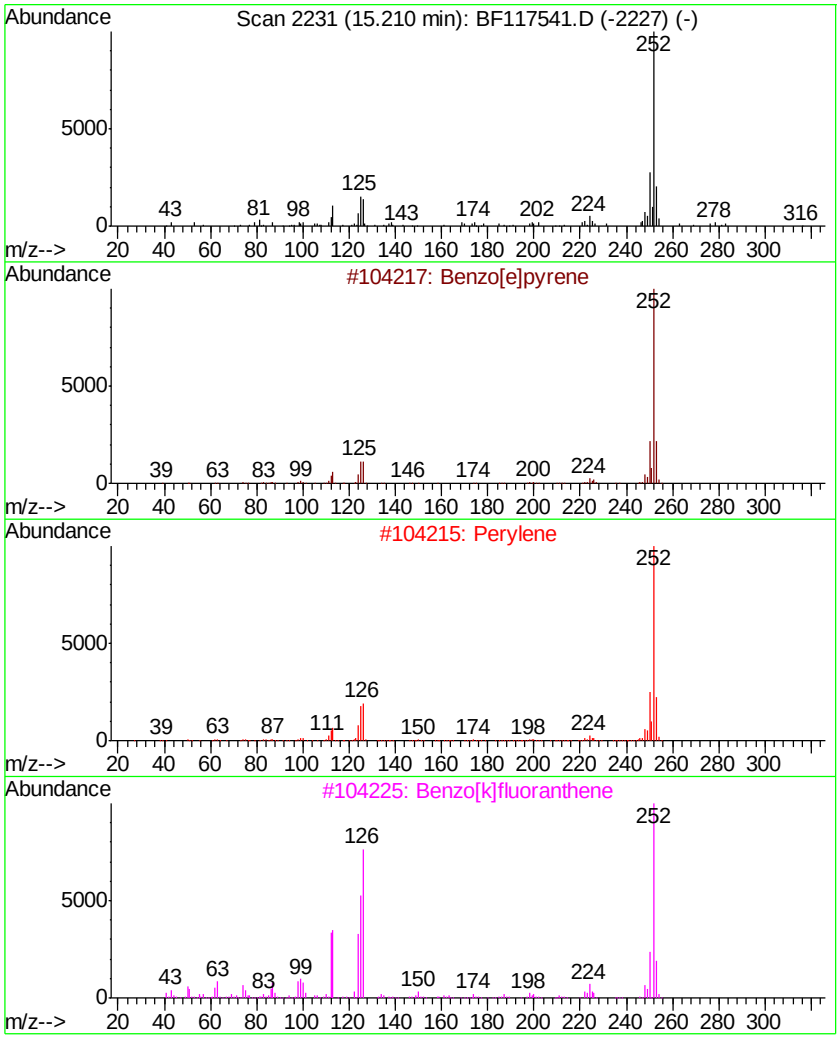
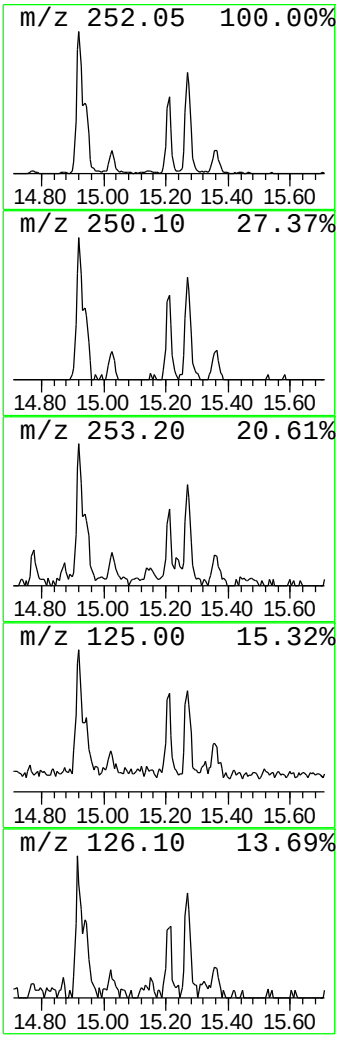
Peak Number 14 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	5.80 ng	60619	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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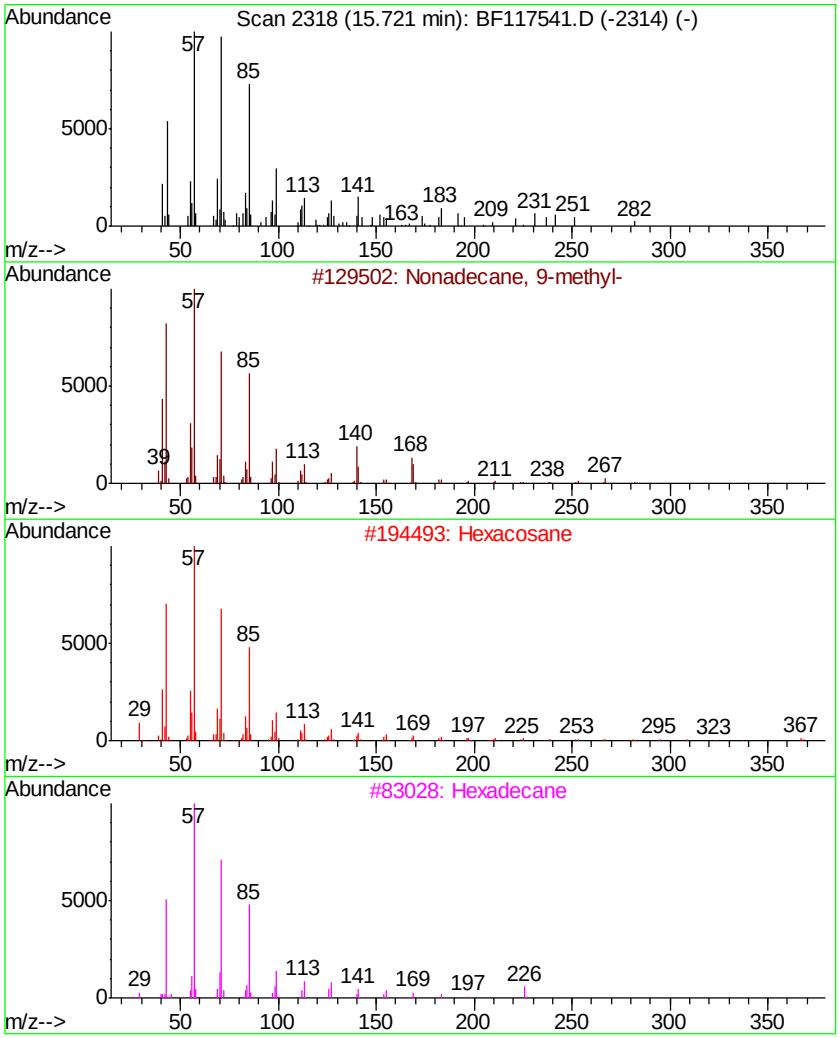
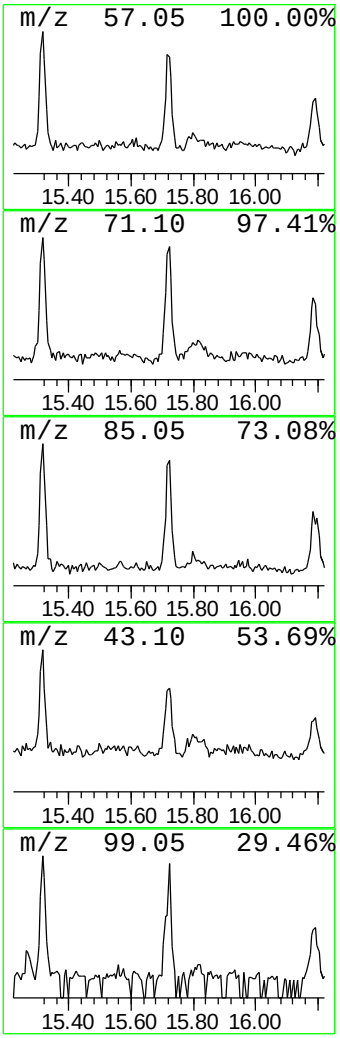
Peak Number 15 5,5,7,7-Tetraethylundecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	6.34 ng	66199	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Hexacosane	366	C26H54	000630-01-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Eicosane	282	C20H42	000112-95-8	80
5	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	80





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Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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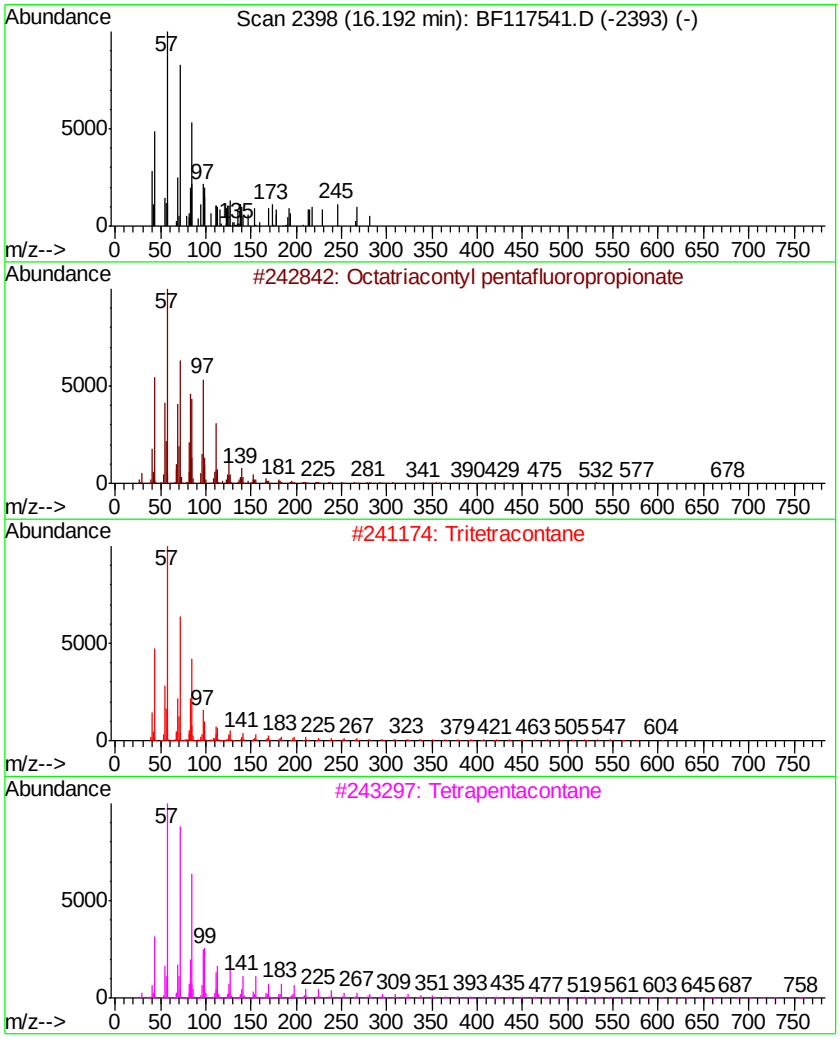
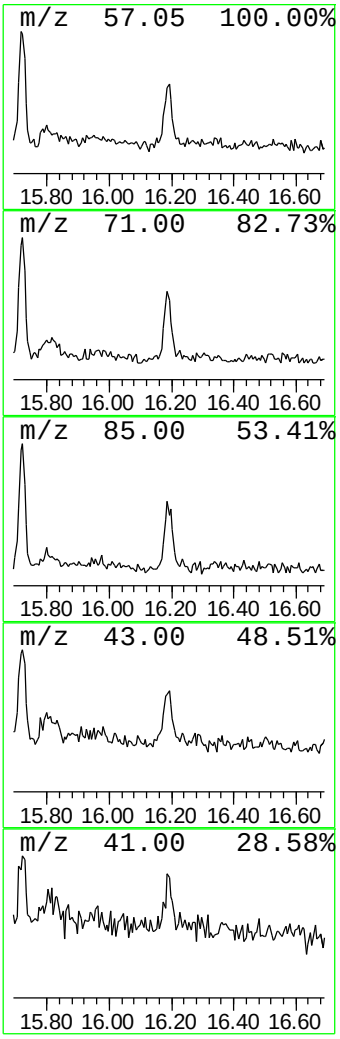
Peak Number 16 Octatriacontyl pentafluorop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.51 ng	47099	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	58
2	Tritetracontane	605	C43H88	007098-21-7	50
3	Tetrapentacontane	759	C54H110	005856-66-6	50
4	Octadecane	254	C18H38	000593-45-3	47
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102519\
Data File : BF117541.D
Acq On : 25 Oct 2019 17:33
Operator : JU
Sample : K5502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 182-08-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.50	6.50	89.5	ng	880997	1	6.73	196914	20.0
5H-Indeno[1,2-b]p...	11.49	2.1	ng	22760	4	11.25	218282	20.0
n-Hexadecanoic acid	11.77	6.6	ng	72327	4	11.25	218282	20.0
4H-Cyclopenta[def...	11.86	2.9	ng	31454	4	11.25	218282	20.0
Phenanthrene, 2,5...	12.30	7.1	ng	77905	4	11.25	218282	20.0
Heptafluorobutyri...	13.73	10.0	ng	146571	5	13.89	294439	20.0
unknown14.00	14.00	2.2	ng	31775	5	13.89	294439	20.0
unknown14.04	14.04	3.3	ng	48158	5	13.89	294439	20.0
1,1'-Biphenyl-4-m...	14.29	2.6	ng	37956	5	13.89	294439	20.0
unknown14.61	14.61	4.1	ng	42743	6	15.33	208990	20.0
Nonadecane, 9-met...	14.64	4.6	ng	48237	6	15.33	208990	20.0
Squalene	14.72	3.8	ng	40122	6	15.33	208990	20.0
Benzo[e]pyrene	15.21	5.8	ng	60619	6	15.33	208990	20.0
5,5,7,7-Tetraethy...	15.72	6.3	ng	66199	6	15.33	208990	20.0
Octatriacontyl pe...	16.19	4.5	ng	47099	6	15.33	208990	20.0