LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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	5.357	553	556	585	rBV	413373	619670	86.67%	6.343%
2	6.381	727	730	747	rBV	498923	704523	98.53%	7.212%
3	6.504	747	751	759	rVV	756047	715017	100.00%	7.319%
4	6.728	785	789	800	rBV	297777	265981	37.20%	2.723%
5	6.880	812	815	826	rBV	560622	513667	71.84%	5.258%
6	7.292	882	885	903	rBV	329864	409017	57.20%	4.187%
7	8.010	1003	1007	1028	rBV	310407	348416	48.73%	3.566%
8	9.080	1186	1189	1201	rBV	666627	614642	85.96%	6.292%
9	9.480	1254	1257	1265	rBV	67519	67383	9.42%	0.690%
10	9.627	1279	1282	1290	rBB	10193	10099	1.41%	0.103%
11	9.763	1301	1305	1309	rBV	336967	342642	47.92%	3.507%
12	9.792	1309	1310	1315	rVB	18667	13148	1.84%	0.135%
13	10.316	1395	1399	1404	rBB	9527	11043	1.54%	0.113%
14	10.557	1436	1440	1455	rBV	265265	308438	43.14%	3.157%
15	10.674	1455	1460	1463	rBV2	6858	10011	1.40%	0.102%
16	10.863	1487	1492	1495	rBV2	11979	15092	2.11%	0.154%
17	11.145	1536	1540	1547	rVB2	8468	10326	1.44%	0.106%
18	11.251	1554	1558	1560	rBV	269174	282621	39.53%	2.893%
19	11.274	1560	1562	1568	rVV	186986	169089	23.65%	1.731%
20	11.327	1568	1571	1575	rVV	34305	31394	4.39%	0.321%
21	11.498	1595	1600	1604	rBV2	13302	20140	2.82%	0.206%
22	11.751	1640	1643	1645	rBV	25962	21912	3.06%	0.224%
23	11.780	1645	1648	1654	rVV3	67720	93505	13.08%	0.957%
24	11.827	1654	1656	1659	rVV2	11795	13554	1.90%	0.139%
25	11.863	1659	1662	1665	rVV	45225	52928	7.40%	0.542%
26	11.886	1665	1666	1672	rVB	20084	17880	2.50%	0.183%
27	12.045	1686	1693	1698	rBV	17252	20794	2.91%	0.213%
28	12.092	1698	1701	1704	rBV	17055	14636	2.05%	0.150%
29	12.298	1734	1736	1739	rBV	19233	16842	2.36%	0.172%
30	12.333	1739	1742	1745	rVV4	8253	10524	1.47%	0.108%
31	12.398	1748	1753	1757	rVB4	18180	24199	3.38%	0.248%
32	12.462	1761	1764	1768	rBV	406806	350624	49.04%	3.589%
33	12.562	1778	1781	1784	rBV2	9355	9610	1.34%	0.098%
34	12.615	1787	1790	1793	rBV	16057	13131	1.84%	0.134%

LSC Area Percent Report

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Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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	12.692	1797	1803	1810	rBV	348993	369305	51.65%	3.780%
36	12.745	1810	1812	1818	rVB4	16257	18757	2.62%	0.192%
37	12.827	1822	1826	1830	rBV	446055	377752	52.83%	3.867%
38	12.862	1830	1832	1836	rVB2	15818	14730	2.06%	0.151%
39	12.910	1836	1840	1841	rBV2	18080	22509	3.15%	0.230%
40	12.998	1852	1855	1856	rBV3	16986	17064	2.39%	0.175%
41	13.021	1856	1859	1862	rVB2	34139	39521	5.53%	0.405%
42	13.086	1868	1870	1873	rBV	18827	18719	2.62%	0.192%
43	13.127	1873	1877	1881	rVV2	31492	39468	5.52%	0.404%
44	13.221	1889	1893	1895	rBV	22272	22686	3.17%	0.232%
45	13.251	1895	1898	1901	rBV	21080	22800	3.19%	0.233%
46	13.392	1920	1922	1925	rBV2	9714	9345	1.31%	0.096%
47	13.451	1925	1932	1934	rVV7	9712	17090	2.39%	0.175%
48	13.539	1944	1947	1951	rVB	32988	33055	4.62%	0.338%
49	13.645	1960	1965	1967	rBV2	38623	52532	7.35%	0.538%
50	13.698	1971	1974	1975	rVV	31635	32701	4.57%	0.335%
51	13.727	1976	1979	1981	rVV4	50226	69720	9.75%	0.714%
52	13.751	1981	1983	1989	rVB	54667	57553	8.05%	0.589%
53	13.892	1999	2007	2010	rBV2	366651	547598	76.59%	5.605%
54	13.921	2010	2012	2018	rVB	181594	171256	23.95%	1.753%
55	13.998	2023	2025	2029	rVB	21983	19680	2.75%	0.201%
56	14.039	2029	2032	2034	rBV4	16465	18478	2.58%	0.189%
57	14.127	2045	2047	2051	rVB	18502	18353	2.57%	0.188%
58	14.245	2064	2067	2069	rBV2	12410	15207	2.13%	0.156%
59	14.280	2069	2073	2077	rVV2	46273	60845	8.51%	0.623%
60	14.315	2077	2079	2081	rVV	20518	19613	2.74%	0.201%
61	14.345	2081	2084	2088	rVV4	37056	55954	7.83%	0.573%
62	14.404	2088	2094	2102	rVB3	72815	127725	17.86%	1.307%
63	14.609	2127	2129	2132	rBV4	17588	22436	3.14%	0.230%
64	14.639	2132	2134	2137	rVB	37675	34634	4.84%	0.355%
65	14.709	2143	2146	2149	rVB2	31384	29686	4.15%	0.304%
66	14.774	2153	2157	2160	rBV3	39931	47828	6.69%	0.490%
67	14.921	2178	2182	2185	rBV	189468	272899	38.17%	2.793%
68	14.992	2192	2194	2197	rVB3	16510	19141	2.68%	0.196%
69	15.027	2197	2200	2203	rVB	39364	43714	6.11%	0.447%
70	15.209	2227	2231	2235	rBV	107938	122713	17.16%	1.256%
71	15.274	2238	2242	2245	rBV	142610	164835	23.05%	1.687%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : 174-54-(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

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Peak separation: 5

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

72	15.327	2245	2251	2255	rVV	184534	251445	35.17%	2.574%
73	15.492	2277	2279	2283	rBV5	14650	14542	2.03%	0.149%
74	15.715	2313	2317	2321	rBV2	37400	47767	6.68%	0.489%
75	16.186	2393	2397	2402	rVB5	23485	40858	5.71%	0.418%
76	16.545	2454	2458	2462	rBV5	11519	18022	2.52%	0.184%
77	16.745	2486	2492	2499	rVB2	56959	119050	16.65%	1.219%
78	17.174	2559	2565	2573	rBV2	39749	87250	12.20%	0.893%

Sum of corrected areas: 9769334

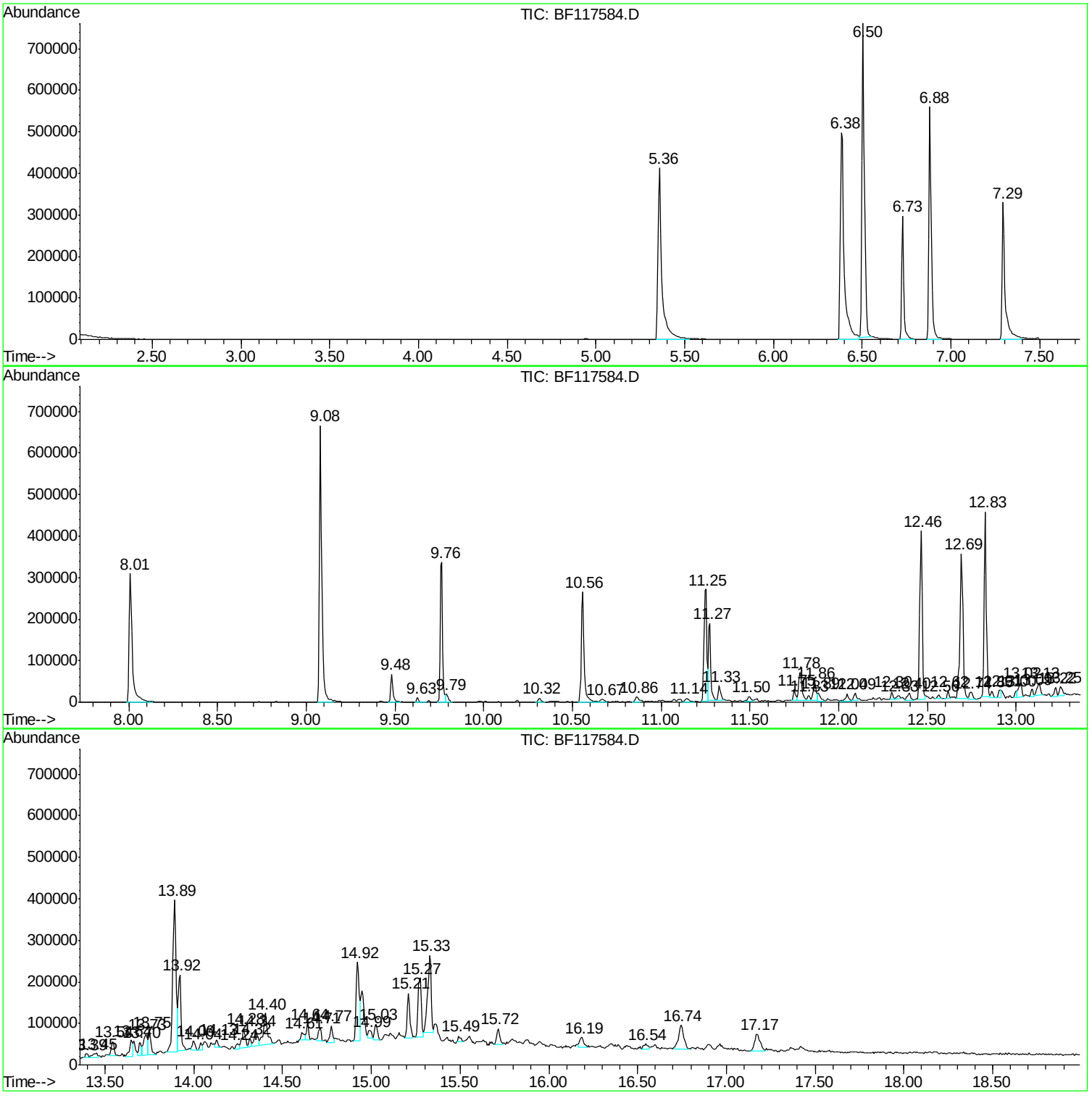
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(0-2)

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

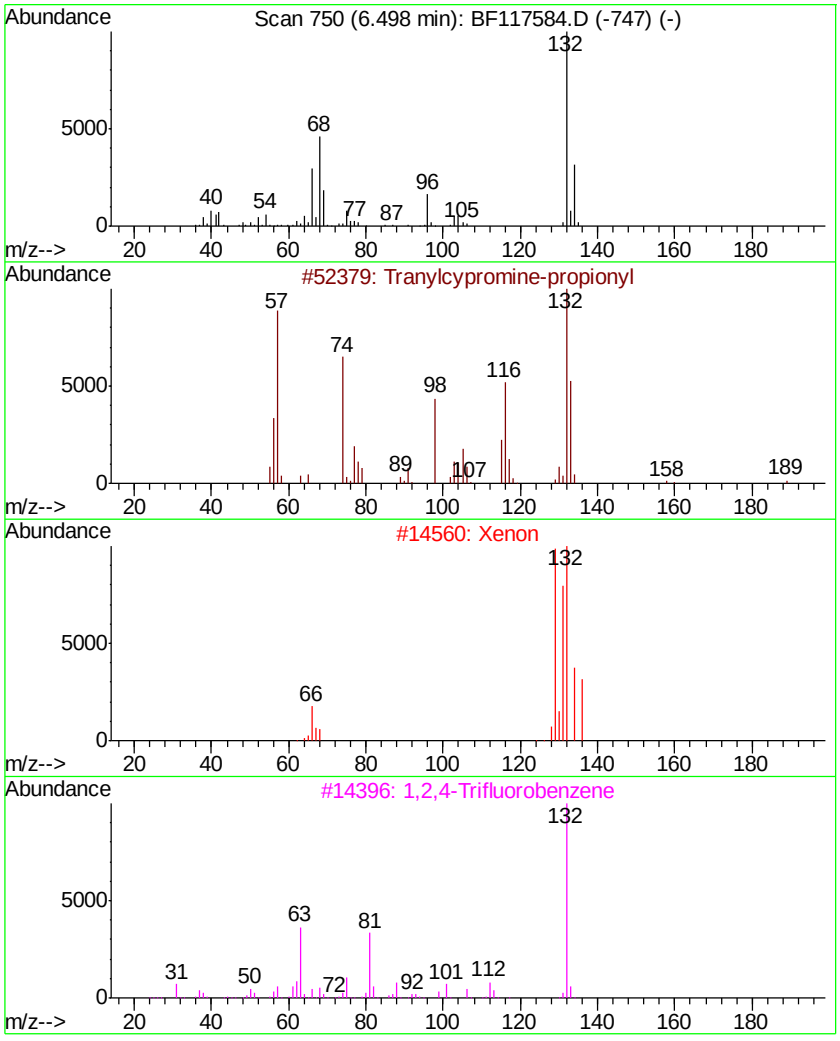
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

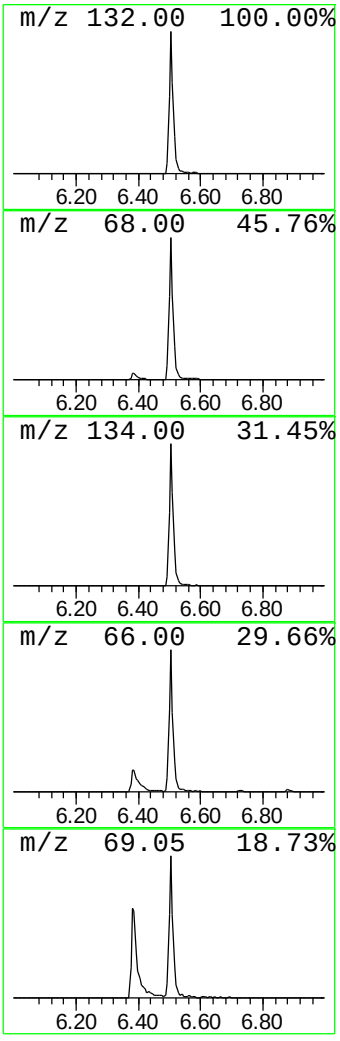
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	53.76 ng	715017	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	Xenon	132	Xe	007440-63-3	9
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(0-2)

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

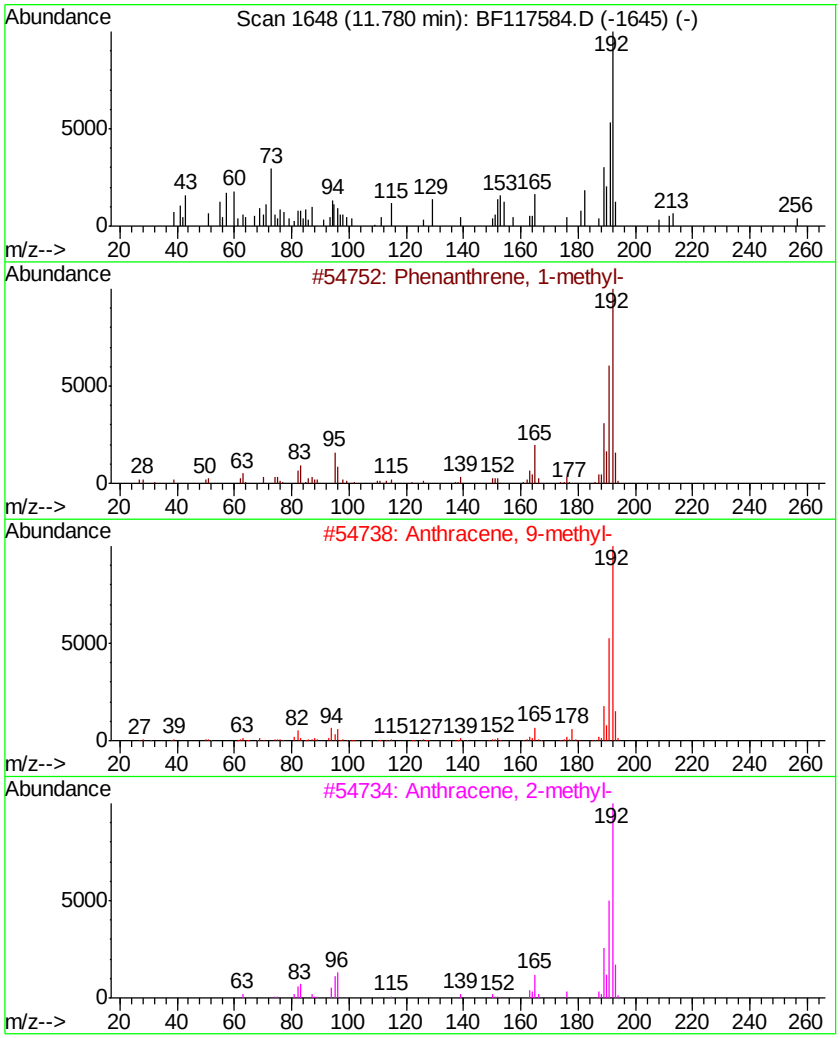
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

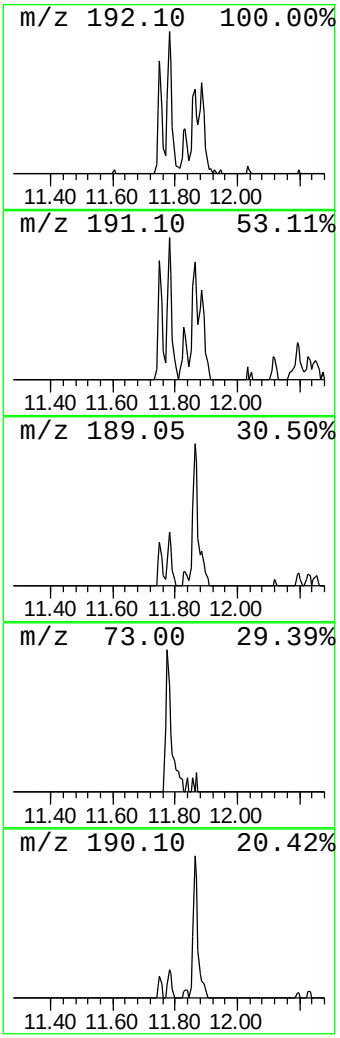
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	6.62 ng	93505	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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
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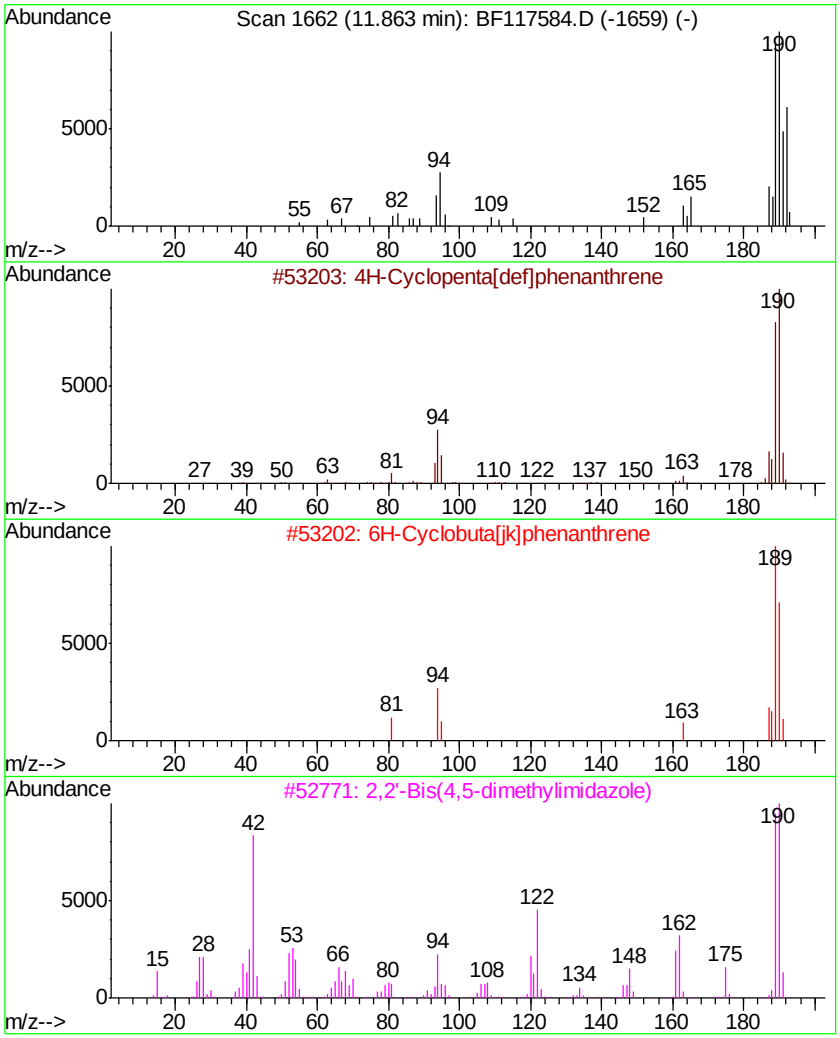
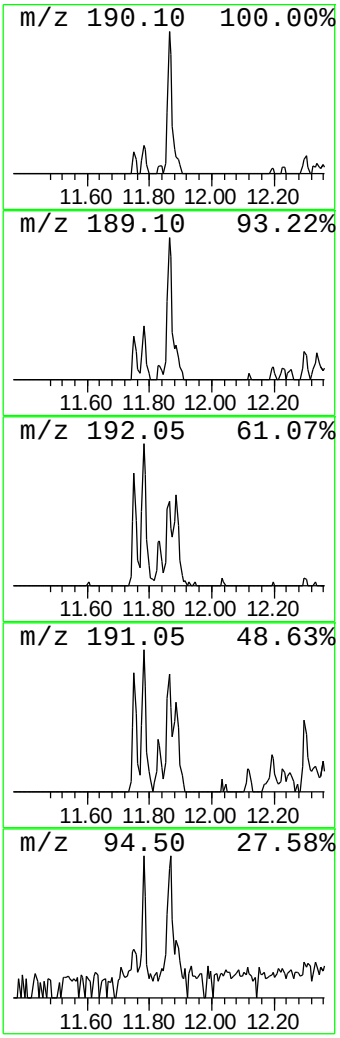
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.75 ng	52928	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Propanoic acid, 2-(2,4-dichlorop...	378	C15H10Cl4O3	284488-02-4	32
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22





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Sample : K5503-07
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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
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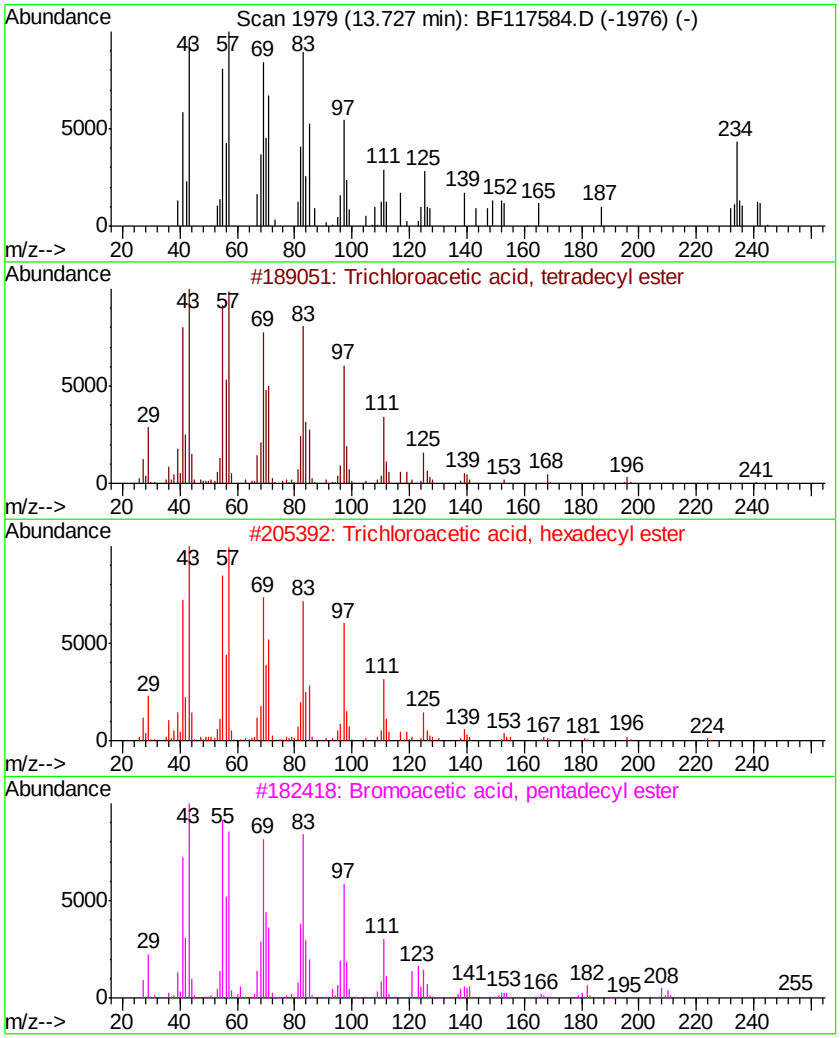
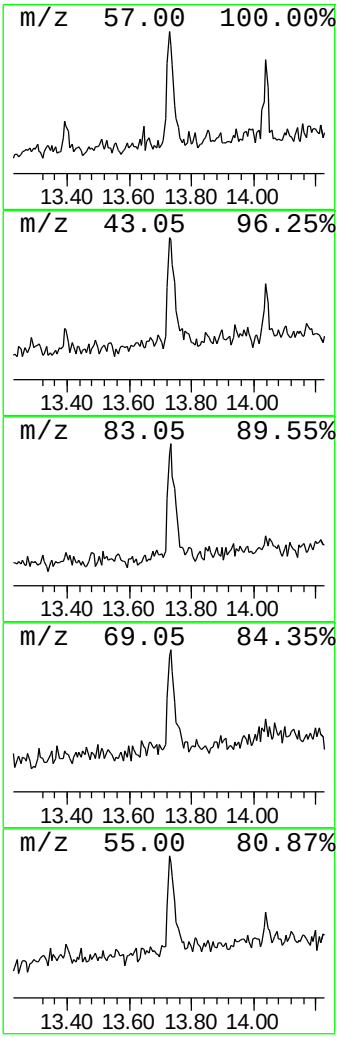
Peak Number 5 Trichloroacetic acid, tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.55 ng	69720	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	64
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	64
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64





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Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(0-2)

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

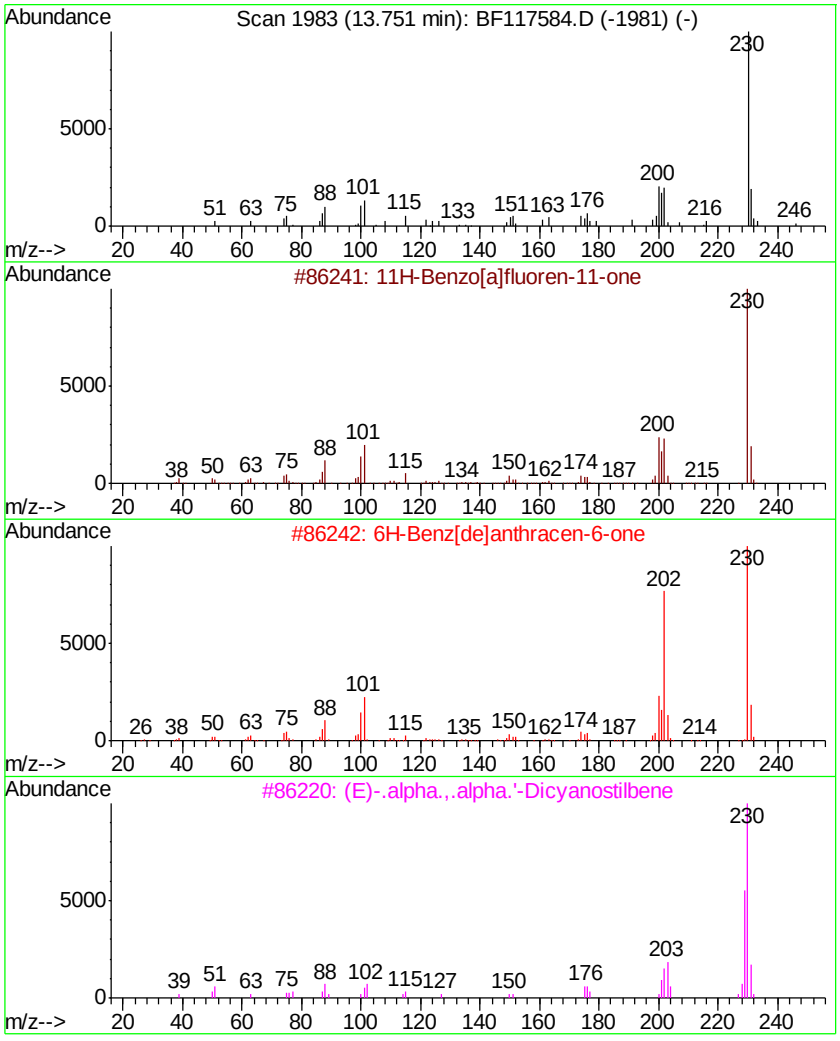
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

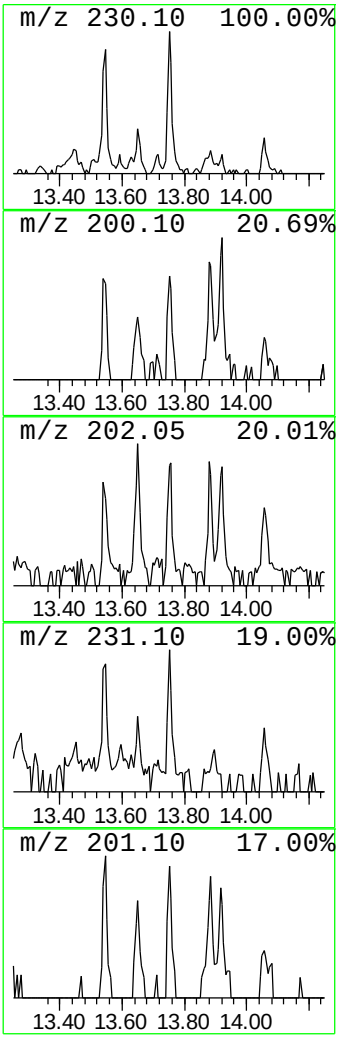
****

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.10 ng	57553	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	72
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64





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Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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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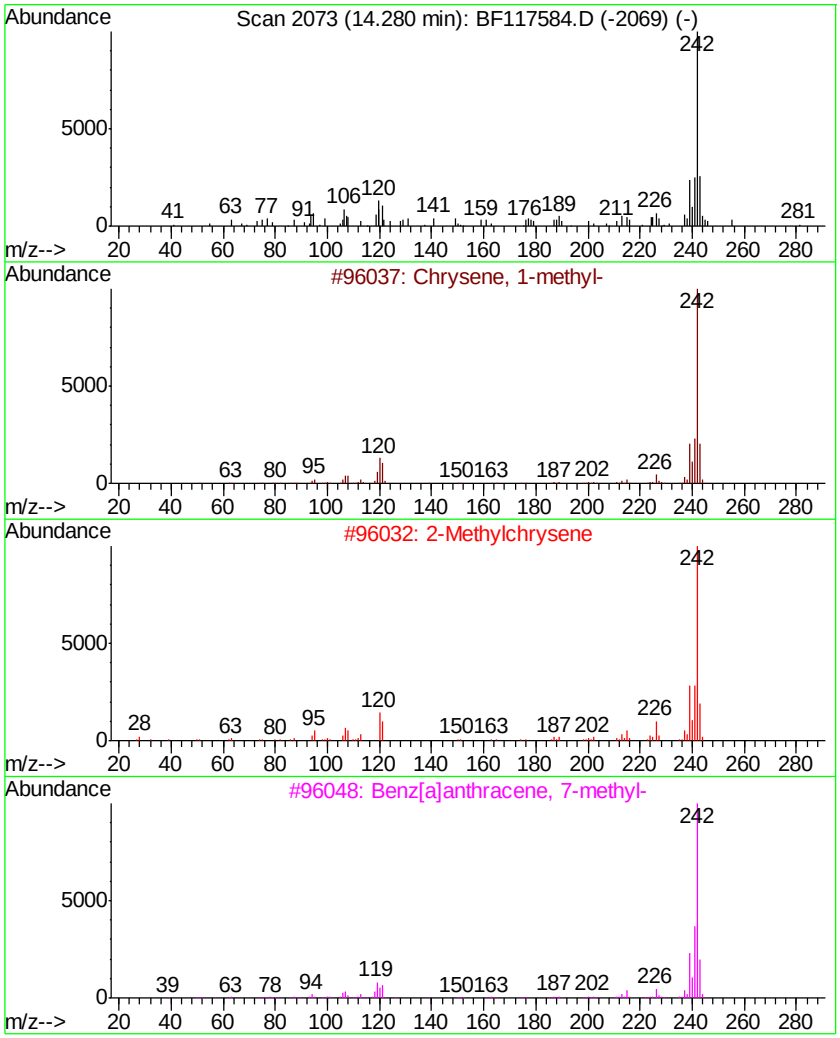
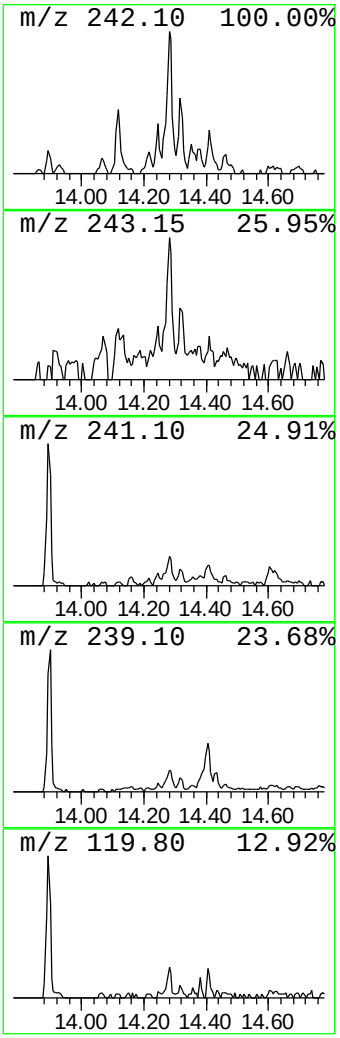
Peak Number 7 Chrysene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.22 ng	60845	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	2-Methylchrysene	242	C19H14	003351-32-4	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
4	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	81
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81





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Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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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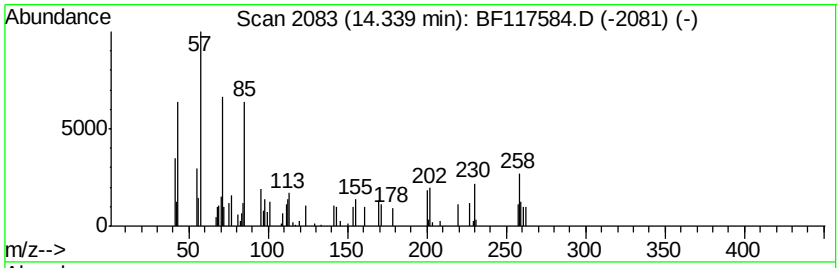
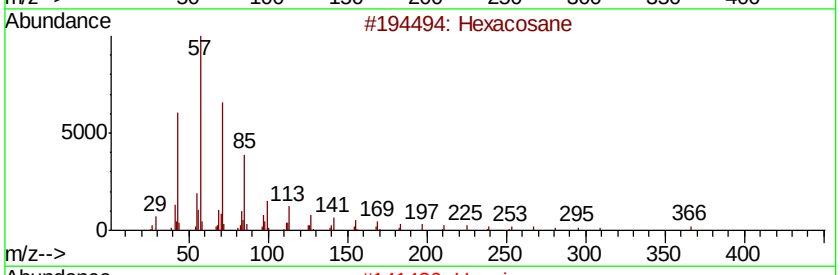
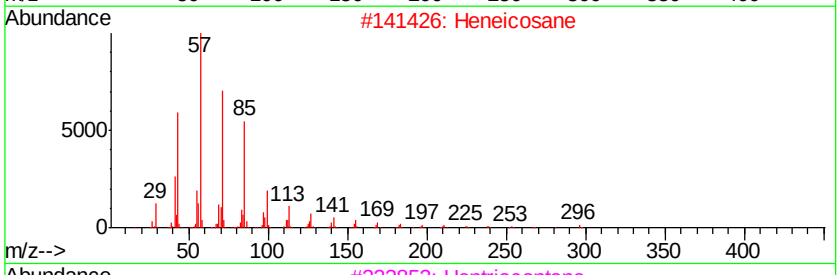
Peak Number 8 Hexacosane Concentration Rank 16

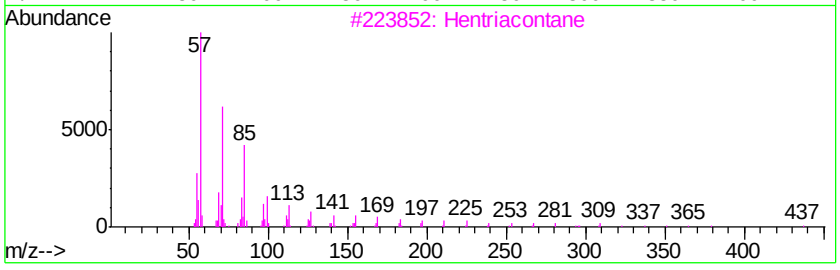
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.04 ng	55954	Chrysene-d12	13.89

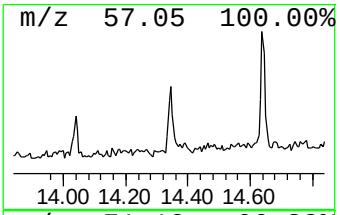
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	62
2	Heneicosane	296	C21H44	000629-94-7	62
3	Hentriacontane	437	C31H64	000630-04-6	62
4	Octadecane	254	C18H38	000593-45-3	53
5	Octacosane	394	C28H58	000630-02-4	53

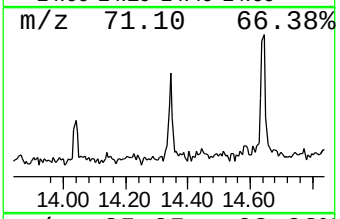


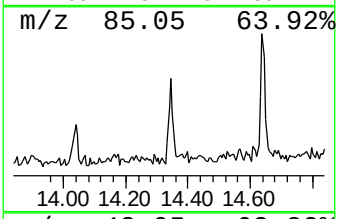


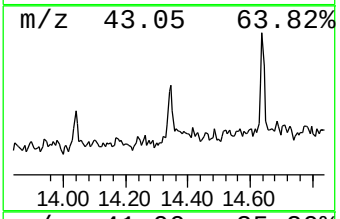


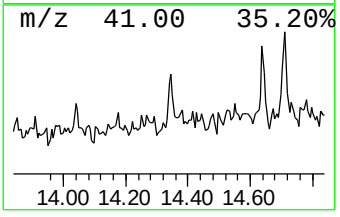












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Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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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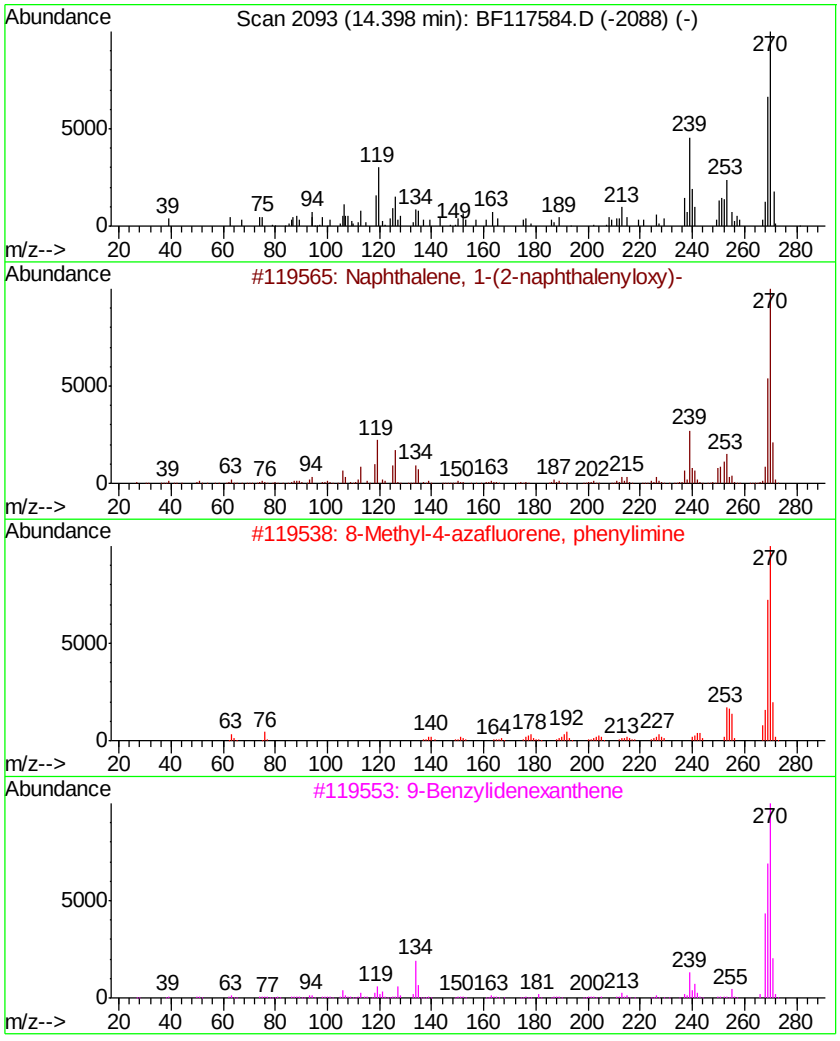
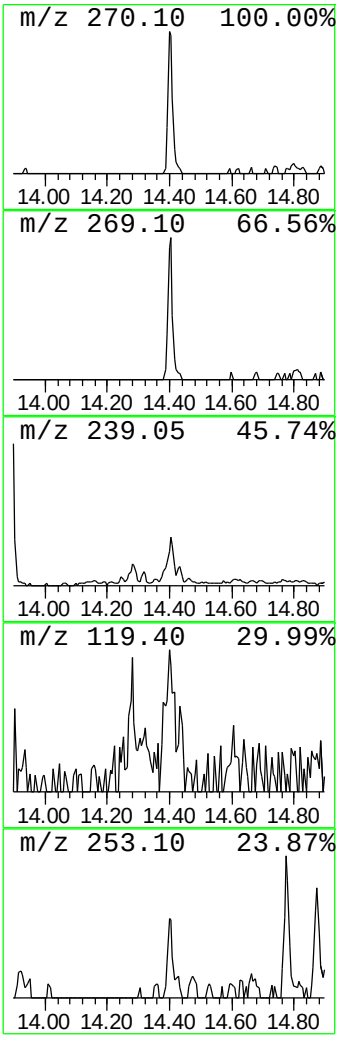
Peak Number 9 Naphthalene, 1-(2-naphthale... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	4.66 ng	127725	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	91
2	8-Methyl-4-azafluorene, phenylimine	270	C19H14N2	1000216-54-2	52
3	9-Benzylidenexanthene	270	C20H14O	027980-52-5	50
4	Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	46
5	Acridine, 9-anilino-	270	C19H14N2	003340-22-5	43





Library Search Compound Report

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Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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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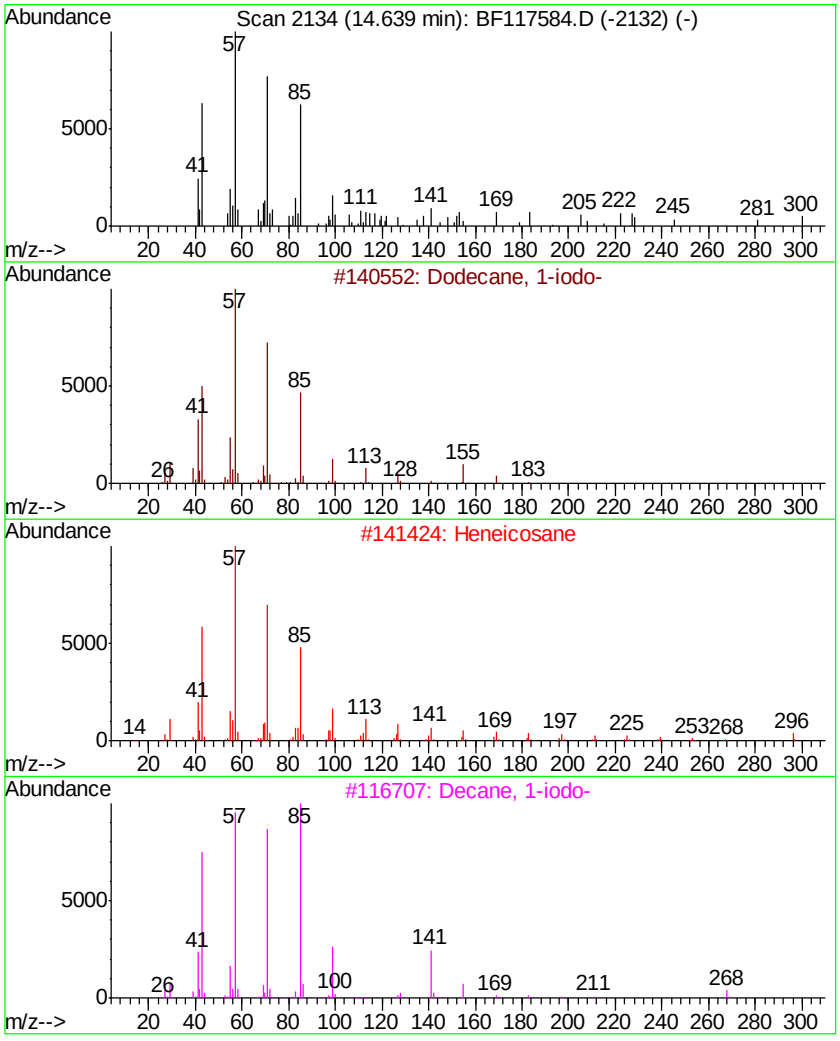
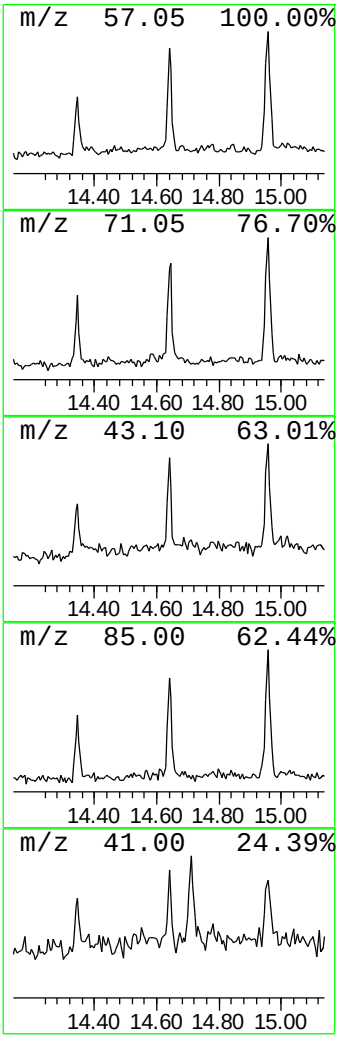
Peak Number 10 Dodecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.75 ng	34634	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2	Heneicosane	296	C21H44	000629-94-7	80
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	72
4	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	58
5	Tetracosane	338	C24H50	000646-31-1	58





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Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(0-2)

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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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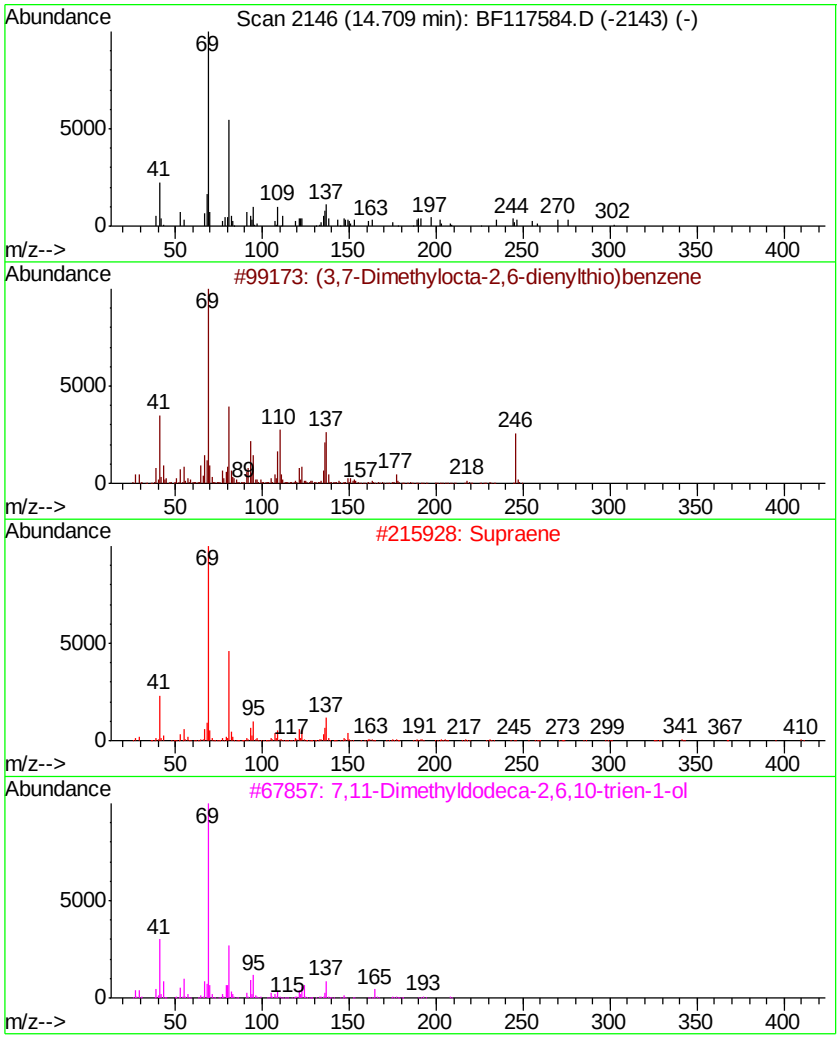
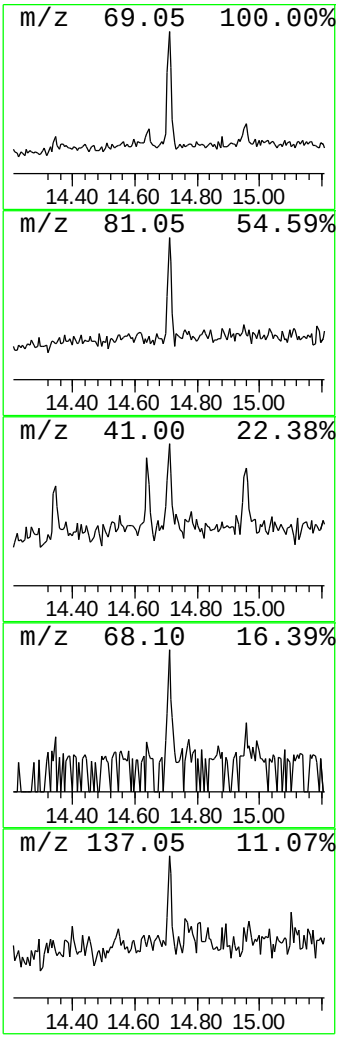
Peak Number 11 (3,7-Dimethylocta-2,6-dieny... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.36 ng	29686	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3,7-Dimethylocta-2,6-dienylthio...	246	C16H22S	1000190-11-8	72
2	Supraene	410	C30H50	007683-64-9	64
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	53
5	Pentane, 1,5-dibromo-	228	C5H10Br2	000111-24-0	53





Library Search Compound Report

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Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
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Instrument : BNA_F
ClientSampleId : 174-54-(0-2)

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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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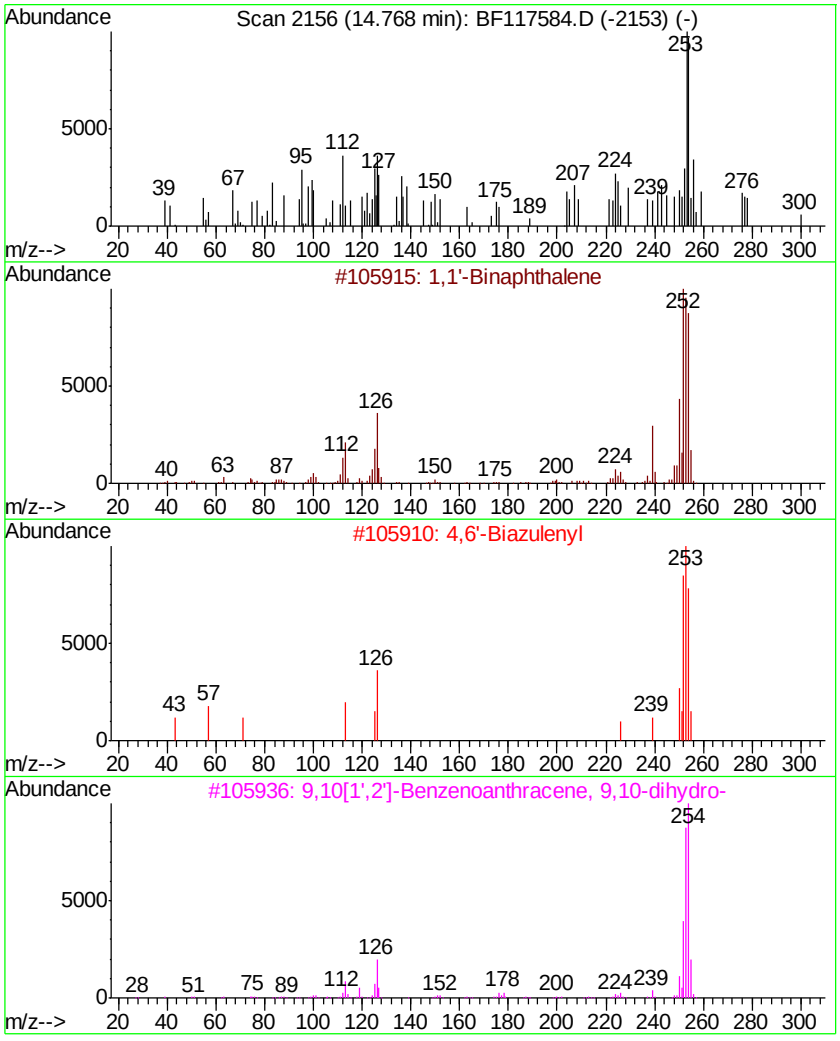
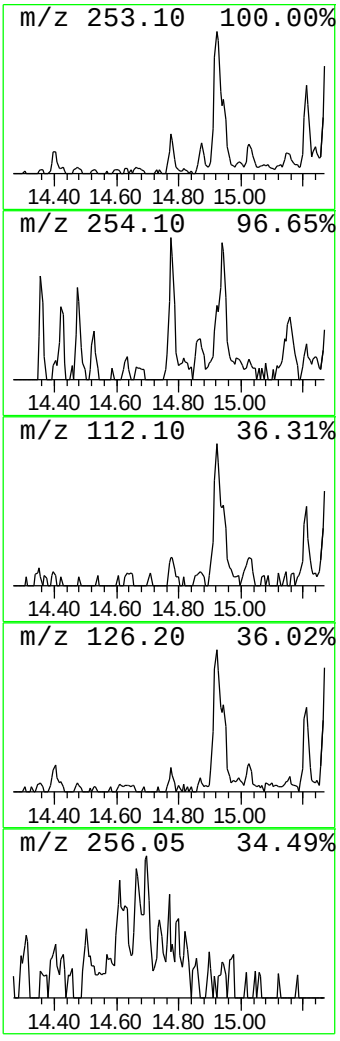
Peak Number 12 1,1'-Binaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.80 ng	47828	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
2	4,6'-Biazulenyl	254	C20H14	094154-49-1	58
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	58
4	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50
5	Coumaran-6,7-diol-3-one, 2-benzy...	254	C15H10O4	029813-90-9	49





Library Search Compound Report

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Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(0-2)

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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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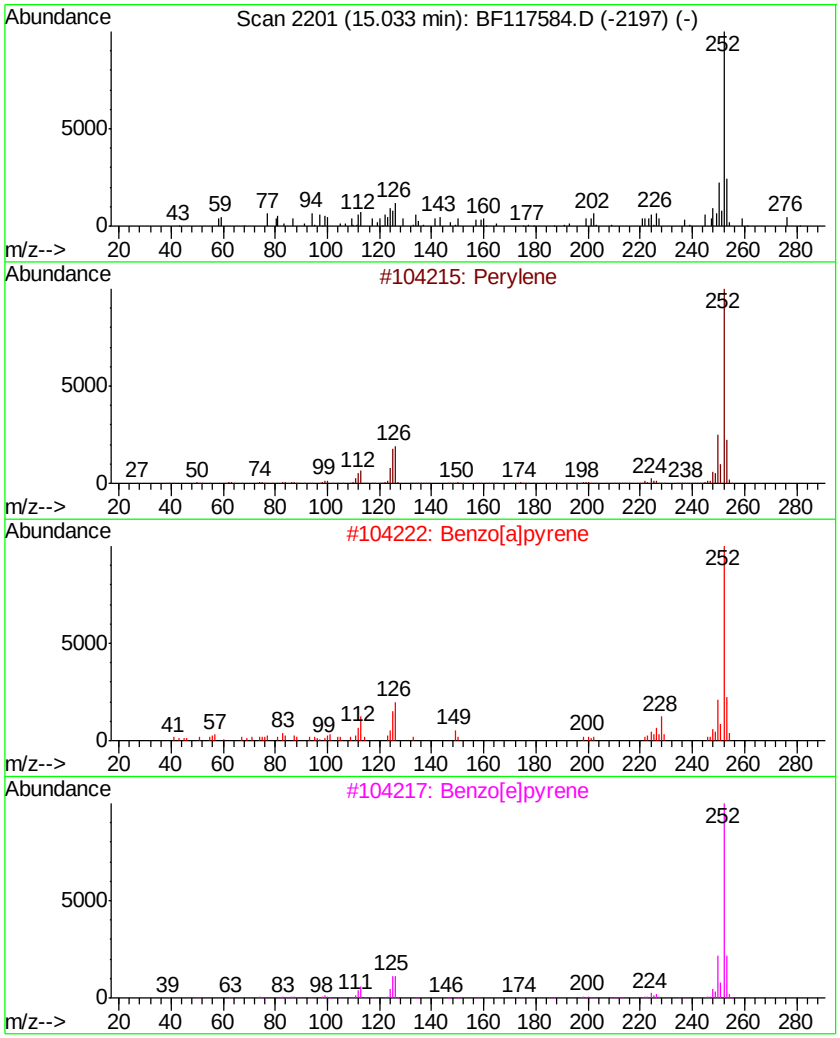
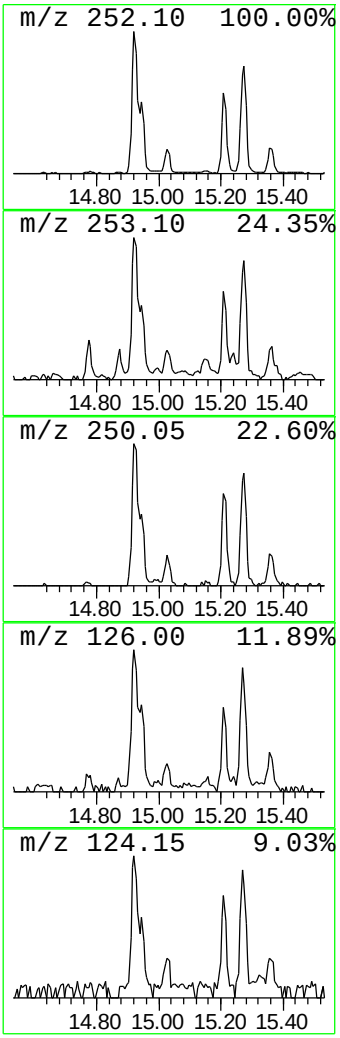
Peak Number 13 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	3.48 ng	43714	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId : 174-54-(0-2)

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

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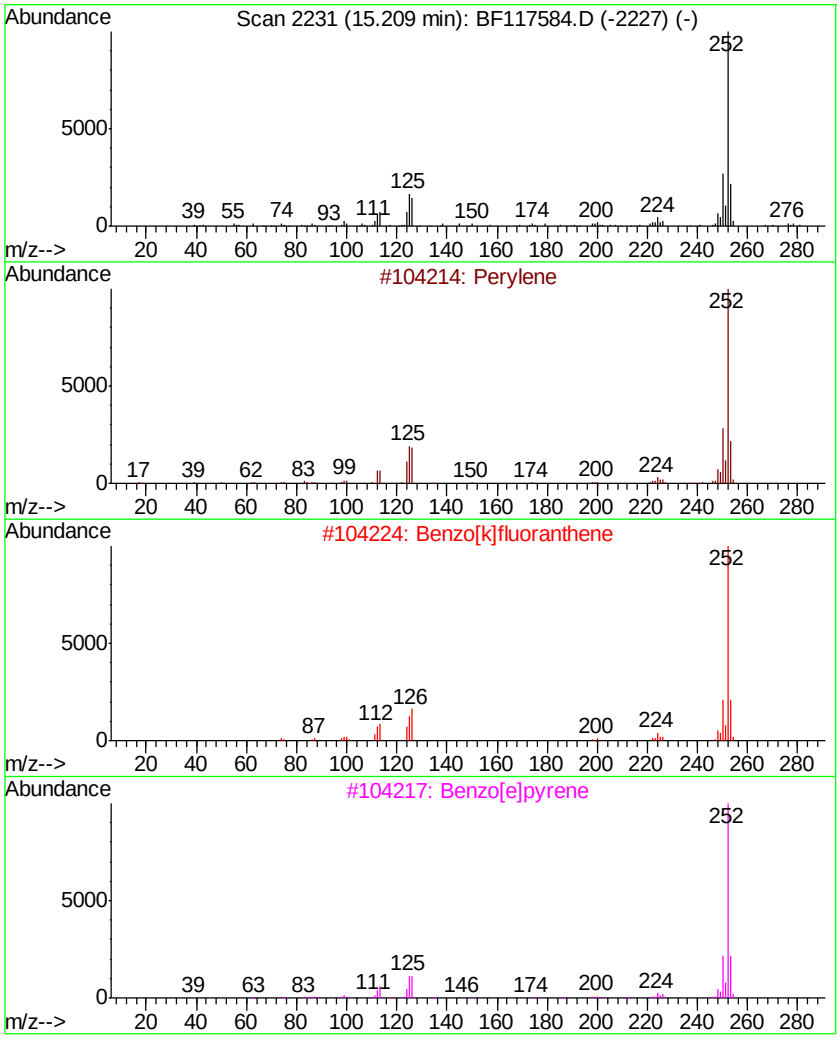
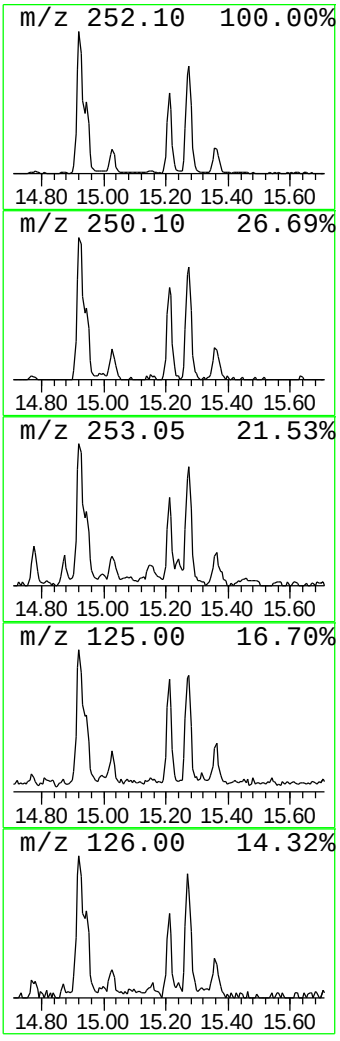
Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	9.76 ng	122713	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





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Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(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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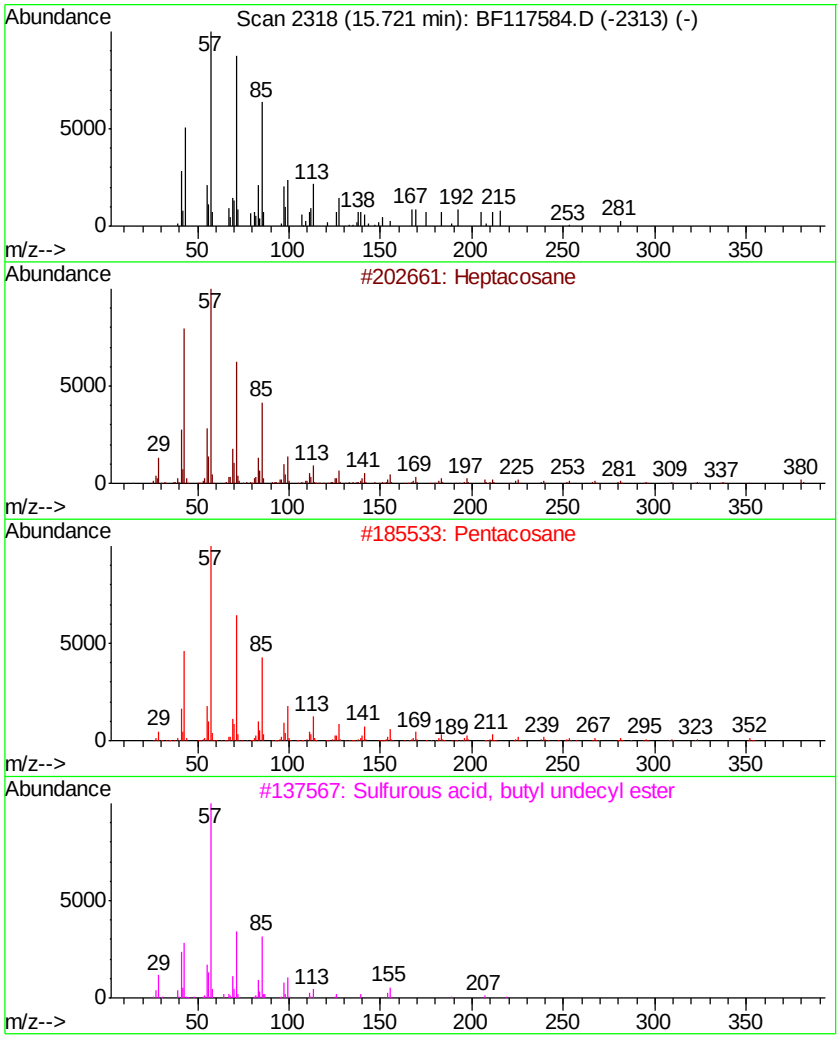
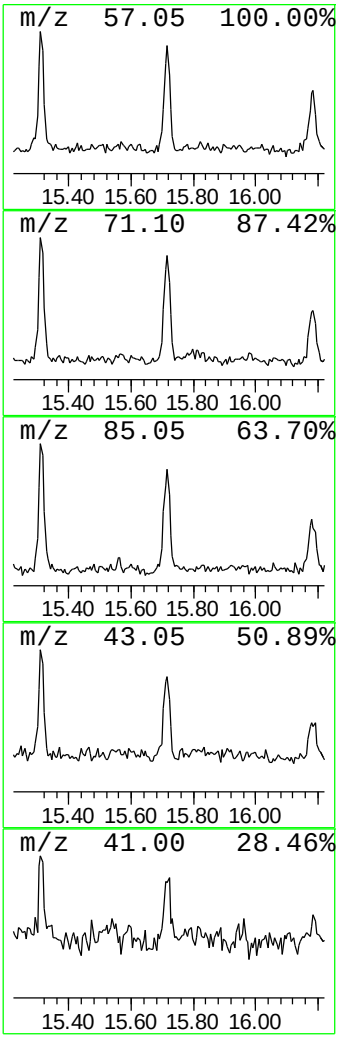
Peak Number 15 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.80 ng	47767	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	78
2	Pentacosane	352	C25H52	000629-99-2	72
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
5	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	53





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(0-2)

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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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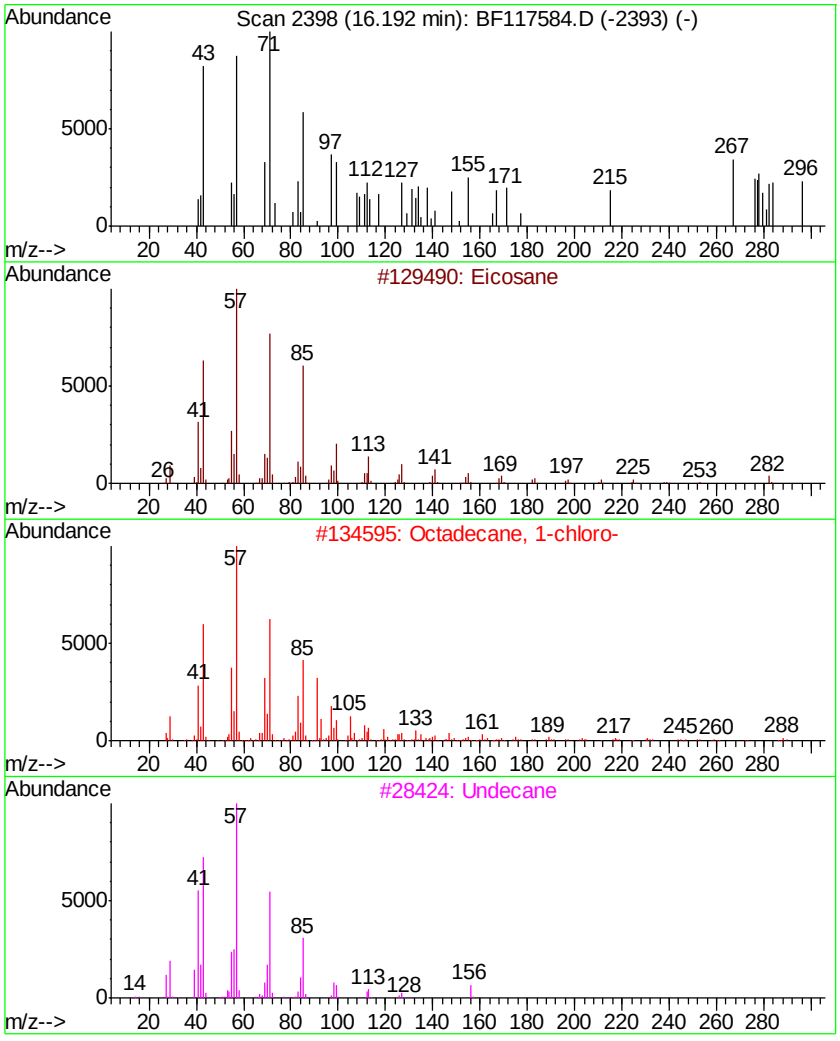
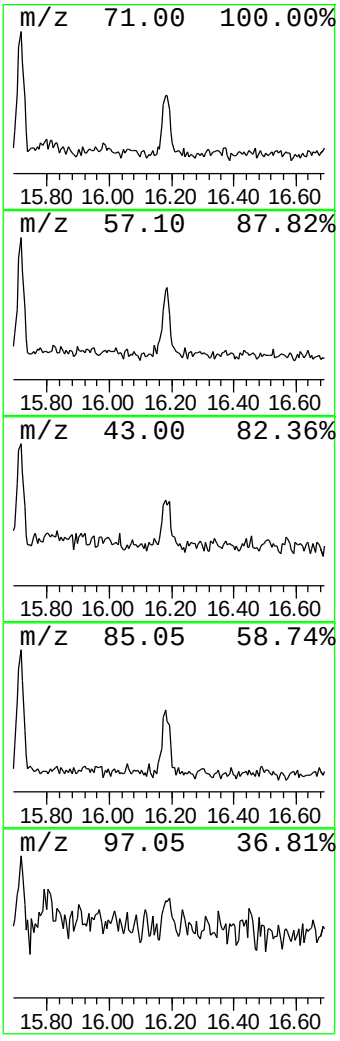
Peak Number 16 unknown16.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	3.25 ng	40858	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	47
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
3	Undecane	156	C11H24	001120-21-4	43
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	43
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43





Tentatively Identified Compound (LSC) summary

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Data File : BF117584.D
Acq On : 29 Oct 2019 12:17
Operator : JU
Sample : K5503-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 174-54-(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	53.8	ng	715017	1	6.73	265981	20.0
Phenanthrene, 1-m...	11.78	6.6	ng	93505	4	11.25	282621	20.0
4H-Cyclopenta[def...	11.86	3.8	ng	52928	4	11.25	282621	20.0
Trichloroacetic a...	13.73	2.5	ng	69720	5	13.89	547598	20.0
11H-Benzo[a]fluor...	13.75	2.1	ng	57553	5	13.89	547598	20.0
Chrysene, 1-methyl-	14.28	2.2	ng	60845	5	13.89	547598	20.0
Hexacosane	14.34	2.0	ng	55954	5	13.89	547598	20.0
Naphthalene, 1-(2...	14.40	4.7	ng	127725	5	13.89	547598	20.0
Dodecane, 1-iodo-	14.64	2.8	ng	34634	6	15.33	251445	20.0
(3,7-Dimethylocta...	14.71	2.4	ng	29686	6	15.33	251445	20.0
1,1'-Binaphthalene	14.77	3.8	ng	47828	6	15.33	251445	20.0
Perylene	15.03	3.5	ng	43714	6	15.33	251445	20.0
Benzo[e]pyrene	15.21	9.8	ng	122713	6	15.33	251445	20.0
Heptacosane	15.72	3.8	ng	47767	6	15.33	251445	20.0
unknown16.19	16.19	3.3	ng	40858	6	15.33	251445	20.0