LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

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-BF022719.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	5.345	549	554	558	rBV	4031588	4378280	92.53%	5.122%
2	6.375	723	729	732	rBV	4254711	4631638	97.89%	5.418%
3	6.504	746	751	754	rBV	4779833	4644808	98.17%	5.434%
4	6.734	786	790	793	rBV	1260716	1102625	23.30%	1.290%
5	6.886	812	816	820	rBV	3664466	3578103	75.62%	4.186%
6	7.292	880	885	888	rBV	3071568	2904604	61.39%	3.398%
7	7.757	960	964	969	rBV3	81337	104435	2.21%	0.122%
8	8.010	1003	1007	1015	rBV2	1274952	1465801	30.98%	1.715%
9	9.086	1186	1190	1205	rBV	4420389	4731631	100.00%	5.535%
10	9.480	1254	1257	1264	rVB	345266	321594	6.80%	0.376%
11	9.763	1300	1305	1308	rBV	1595146	1440097	30.44%	1.685%
12	9.792	1308	1310	1315	rVB	409813	339519	7.18%	0.397%
13	9.969	1336	1340	1344	rBV	115444	119120	2.52%	0.139%
14	10.304	1395	1397	1403	rVB	263623	253997	5.37%	0.297%
15	10.463	1422	1424	1430	rVB2	79118	97440	2.06%	0.114%
16	10.522	1430	1434	1435	rBV	88532	103207	2.18%	0.121%
17	10.545	1435	1438	1450	rVB	3033839	3276701	69.25%	3.833%
18	10.686	1457	1462	1464	rBV	374353	370629	7.83%	0.434%
19	10.733	1467	1470	1473	rBV	907272	792015	16.74%	0.927%
20	10.769	1473	1476	1479	rVV2	995825	1143858	24.17%	1.338%
21	10.798	1479	1481	1484	rVV2	934756	950823	20.10%	1.112%
22	10.827	1484	1486	1488	rVV	568692	472515	9.99%	0.553%
23	10.869	1488	1493	1494	rVV2	361486	580149	12.26%	0.679%
24	10.880	1494	1495	1497	rVV	354214	259743	5.49%	0.304%
25	10.910	1497	1500	1504	rVV3	736354	914618	19.33%	1.070%
26	10.951	1504	1507	1509	rVV	946447	888320	18.77%	1.039%
27	10.969	1509	1510	1512	rVV	329129	305786	6.46%	0.358%
28	10.992	1512	1514	1518	rVV2	551618	505122	10.68%	0.591%
29	11.045	1521	1523	1526	rVV	118868	106597	2.25%	0.125%
30	11.092	1529	1531	1535	rVV5	69294	102208	2.16%	0.120%
31	11.133	1535	1538	1541	rVV	205852	218770	4.62%	0.256%
32	11.239	1552	1556	1558	rBV	1518016	1432311	30.27%	1.676%
33	11.263	1558	1560	1564	rVV	2850207	2592547	54.79%	3.033%
34	11.316	1564	1569	1572	rVV	440840	479243	10.13%	0.561%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.351	1572	1575	1581	rVB2	85355	95637	2.02%	0.112%
36	11.469	1589	1595	1598	rBV2	363095	425773	9.00%	0.498%
37	11.739	1637	1641	1643	rBV	375240	317799	6.72%	0.372%
38	11.774	1643	1647	1651	rVV2	785439	1075866	22.74%	1.259%
39	11.816	1651	1654	1656	rVV	152680	163701	3.46%	0.192%
40	11.851	1656	1660	1662	rVV	588819	580445	12.27%	0.679%
41	11.874	1662	1664	1668	rVB	256249	209575	4.43%	0.245%
42	12.033	1688	1691	1693	rBV	275825	249052	5.26%	0.291%
43	12.057	1693	1695	1702	rVB	387464	327490	6.92%	0.383%
44	12.186	1712	1717	1719	rBV2	85153	95785	2.02%	0.112%
45	12.286	1731	1734	1737	rBV	138327	147708	3.12%	0.173%
46	12.368	1746	1748	1753	rVB2	180594	188345	3.98%	0.220%
47	12.451	1757	1762	1765	rBV	3693712	3432653	72.55%	4.016%
48	12.504	1765	1771	1775	rVB3	71032	123155	2.60%	0.144%
49	12.557	1778	1780	1782	rBV	149294	160850	3.40%	0.188%
50	12.674	1794	1800	1803	rBV2	3086595	3594056	75.96%	4.205%
51	12.698	1803	1804	1807	rVB	370858	304240	6.43%	0.356%
52	12.792	1817	1820	1821	rBV	261212	206514	4.36%	0.242%
53	12.821	1821	1825	1832	rVB	4291800	4236036	89.53%	4.956%
54	12.892	1832	1837	1840	rBV2	251205	404568	8.55%	0.473%
55	12.980	1844	1852	1853	rBV4	209044	299855	6.34%	0.351%
56	13.004	1853	1856	1859	rVB	585719	569354	12.03%	0.666%
57	13.068	1864	1867	1869	rVV	433548	405869	8.58%	0.475%
58	13.104	1869	1873	1875	rVV	442819	475984	10.06%	0.557%
59	13.127	1875	1877	1880	rVV	215585	219707	4.64%	0.257%
60	13.163	1880	1883	1885	rVV	111243	111075	2.35%	0.130%
61	13.198	1885	1889	1891	rVV	150617	162780	3.44%	0.190%
62	13.227	1891	1894	1900	rVV2	185305	244993	5.18%	0.287%
63	13.304	1904	1907	1911	rVB4	77477	99020	2.09%	0.116%
64	13.380	1916	1920	1922	rBV2	106036	139954	2.96%	0.164%
65	13.404	1922	1924	1926	rBV	116842	93771	1.98%	0.110%
66	13.504	1934	1941	1946	rBV	345745	479745	10.14%	0.561%
67	13.615	1955	1960	1962	rBV2	336484	427297	9.03%	0.500%
68	13.645	1962	1965	1967	rVV	344789	376335	7.95%	0.440%
69	13.668	1967	1969	1973	rVV2	256167	392284	8.29%	0.459%
70	13.715	1973	1977	1985	rVV2	652466	1092457	23.09%	1.278%
71	13.863	1994	2002	2005	rBV3	2422743	3702852	78.26%	4.332%

LSC Area Percent Report

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Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.892	2005	2007	2013	rVB	2005014	1722782	36.41%	2.015%
73	13.968	2015	2020	2023	rBV2	329460	320181	6.77%	0.375%
74	14.051	2030	2034	2037	rVB2	209579	238345	5.04%	0.279%
75	14.086	2037	2040	2044	rVV2	222934	257026	5.43%	0.301%
76	14.186	2054	2057	2060	rBV3	80447	89617	1.89%	0.105%
77	14.215	2060	2062	2064	rVV	109075	106740	2.26%	0.125%
78	14.251	2064	2068	2071	rVV	383568	446074	9.43%	0.522%
79	14.286	2071	2074	2077	rVV3	245925	285933	6.04%	0.334%
80	14.345	2077	2084	2087	rVV3	349824	534812	11.30%	0.626%
81	14.374	2087	2089	2091	rVV2	247380	264695	5.59%	0.310%
82	14.392	2091	2092	2096	rVV3	234460	220671	4.66%	0.258%
83	14.445	2096	2101	2108	rVB4	117940	215711	4.56%	0.252%
84	14.551	2115	2119	2121	rBV2	122777	145114	3.07%	0.170%
85	14.645	2129	2135	2142	rBV4	182737	311911	6.59%	0.365%
86	14.710	2143	2146	2155	rVV3	141498	245285	5.18%	0.287%
87	14.786	2155	2159	2162	rBV4	83733	118143	2.50%	0.138%
88	14.874	2169	2174	2177	rBV	1312777	2020394	42.70%	2.364%
89	14.962	2184	2189	2198	rBV3	326295	676971	14.31%	0.792%
90	15.157	2218	2222	2228	rVB	732829	906287	19.15%	1.060%
91	15.215	2228	2232	2237	rBV	1015815	1214130	25.66%	1.420%
92	15.274	2237	2242	2245	rBV	945876	1209575	25.56%	1.415%
93	15.304	2245	2247	2253	rVB3	313202	471128	9.96%	0.551%
94	15.721	2314	2318	2322	rBV2	163450	223940	4.73%	0.262%
95	15.768	2322	2326	2340	rVB4	109201	352518	7.45%	0.412%
96	16.456	2439	2443	2445	rBV4	66267	97653	2.06%	0.114%
97	16.627	2467	2472	2480	rVB2	350081	680494	14.38%	0.796%
98	16.792	2496	2500	2504	rBV	68025	124419	2.63%	0.146%
99	17.039	2536	2542	2558	rVB	247617	575985	12.17%	0.674%
100	17.251	2574	2578	2590	rVB3	68440	162830	3.44%	0.190%

Sum of corrected areas: 85480798

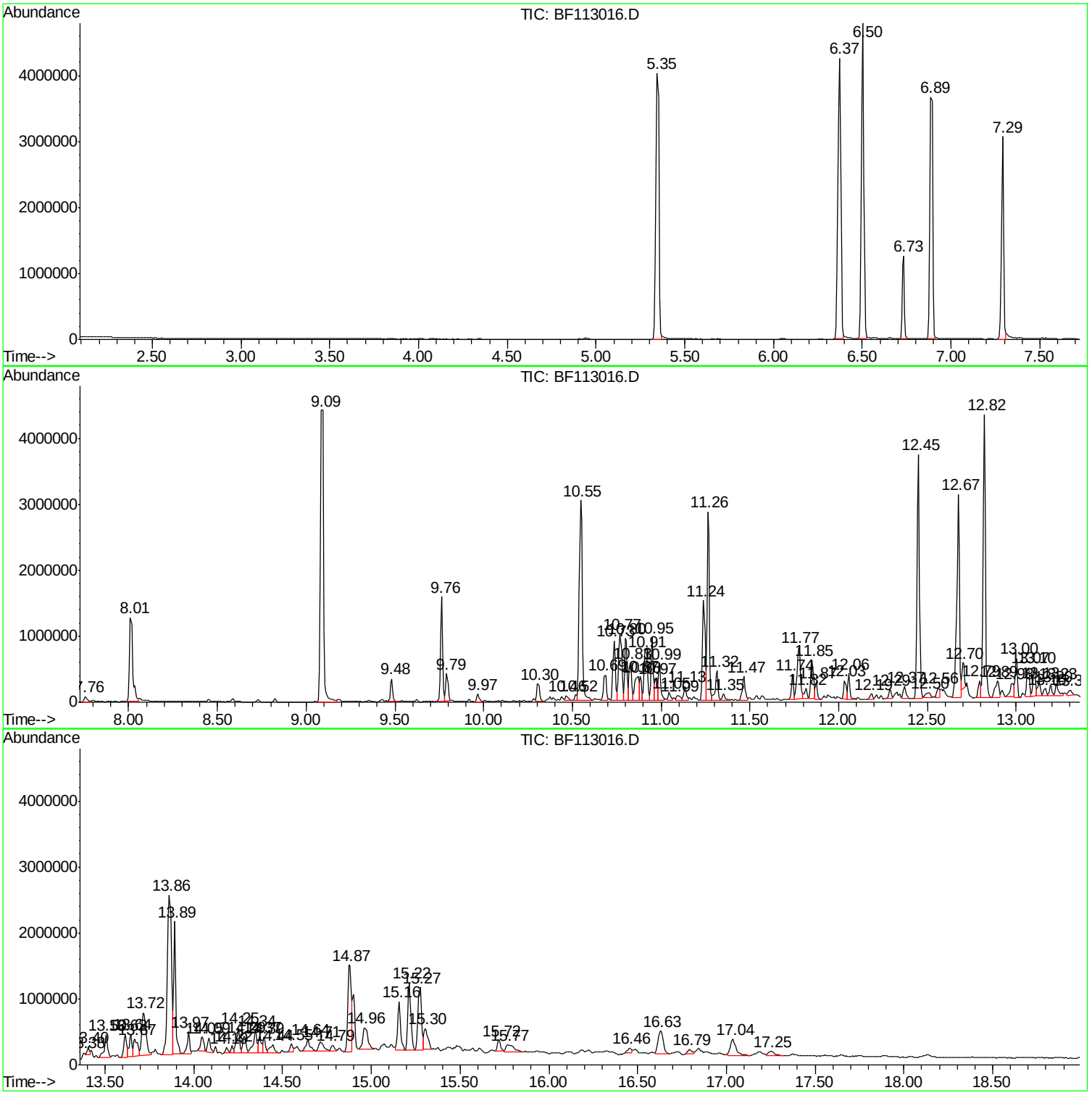
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

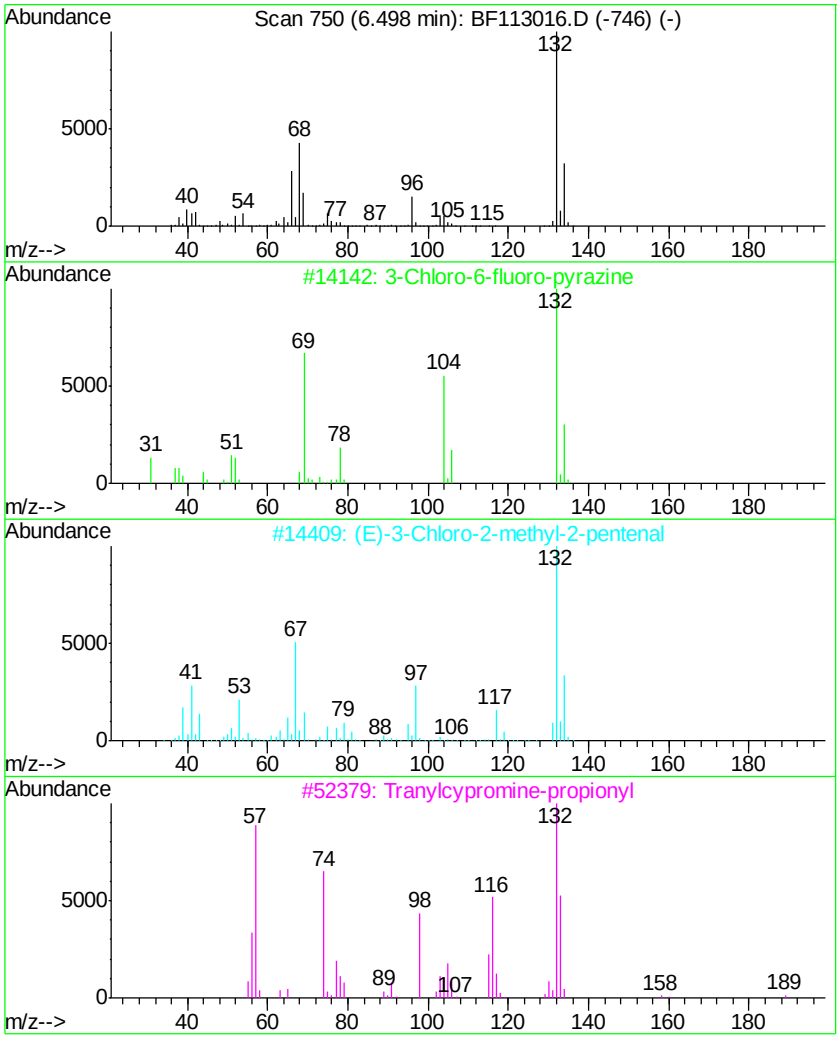
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

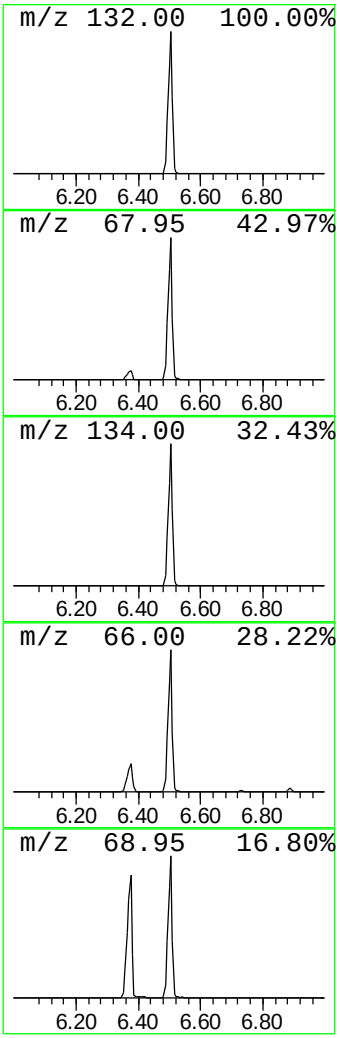
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	84.25 ng	4644810	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

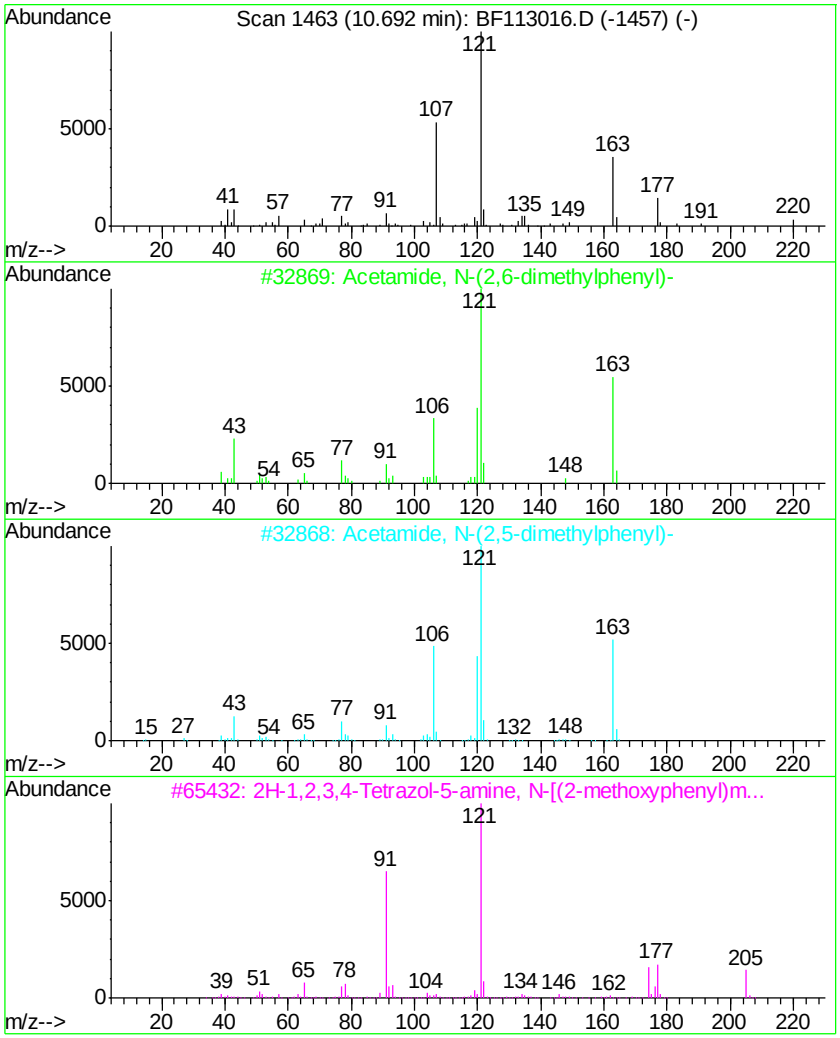
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

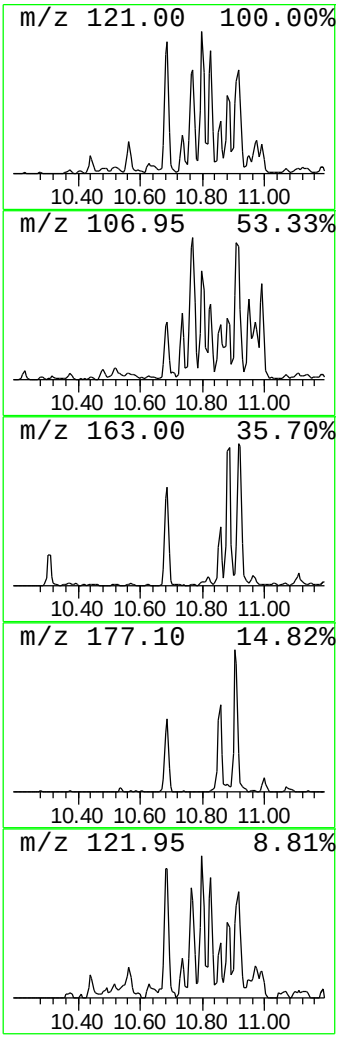
****

Peak Number 3 Acetamide, N-(2,6-dimethylp... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	5.18 ng	370629	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	50
2	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	49
3	2H-1,2,3,4-Tetrazol-5-amine, N-[...	205	C9H11N5O	1000337-56-1	47
4	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
5	Anisole, o-octyl-	220	C15H24O	020056-59-1	43





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Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

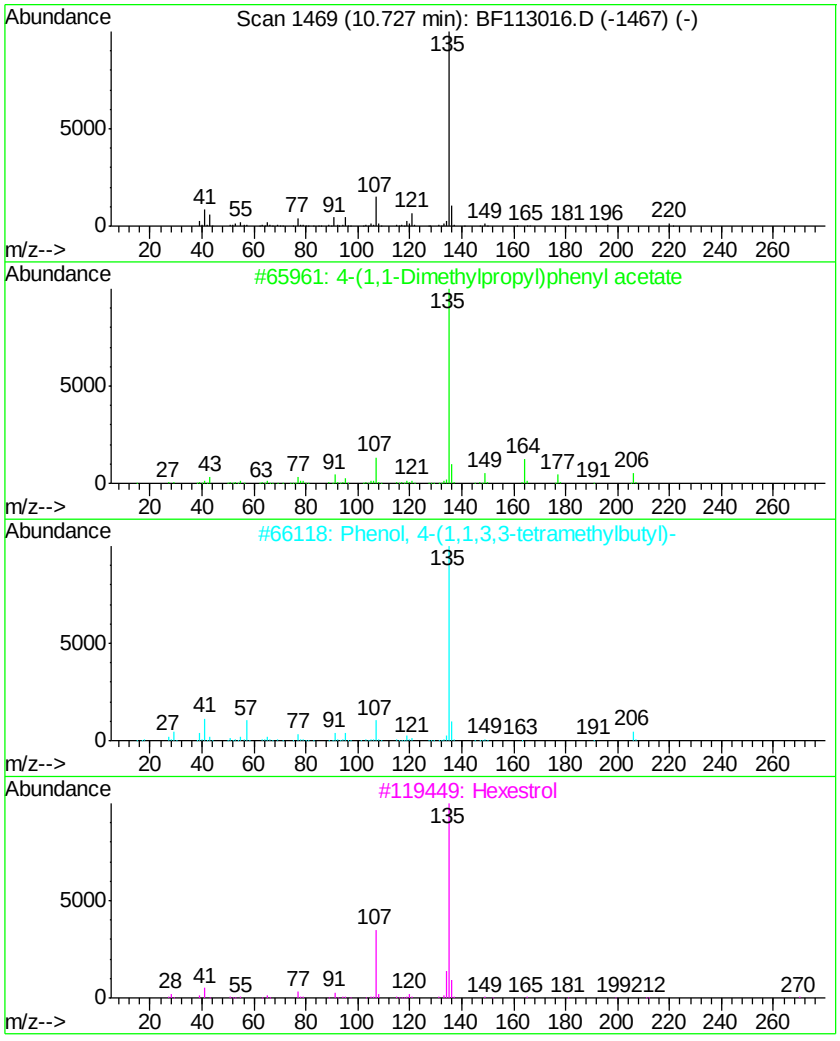
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

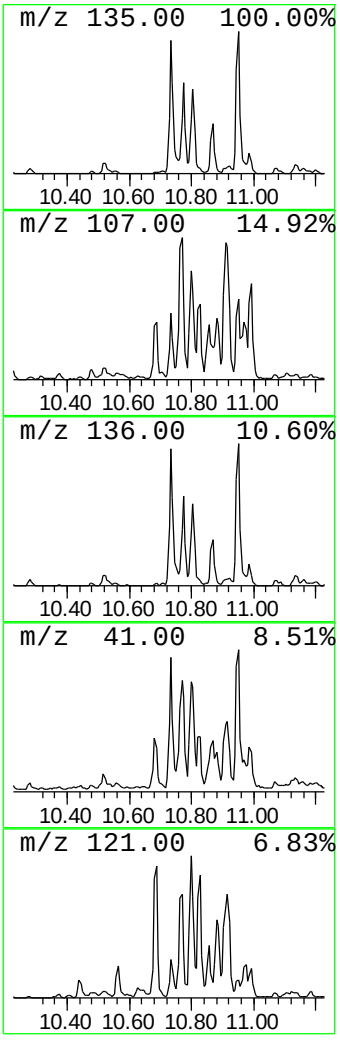
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	11.06 ng	792015	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Hexestrol	270	C18H22O2	000084-16-2	72
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64





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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

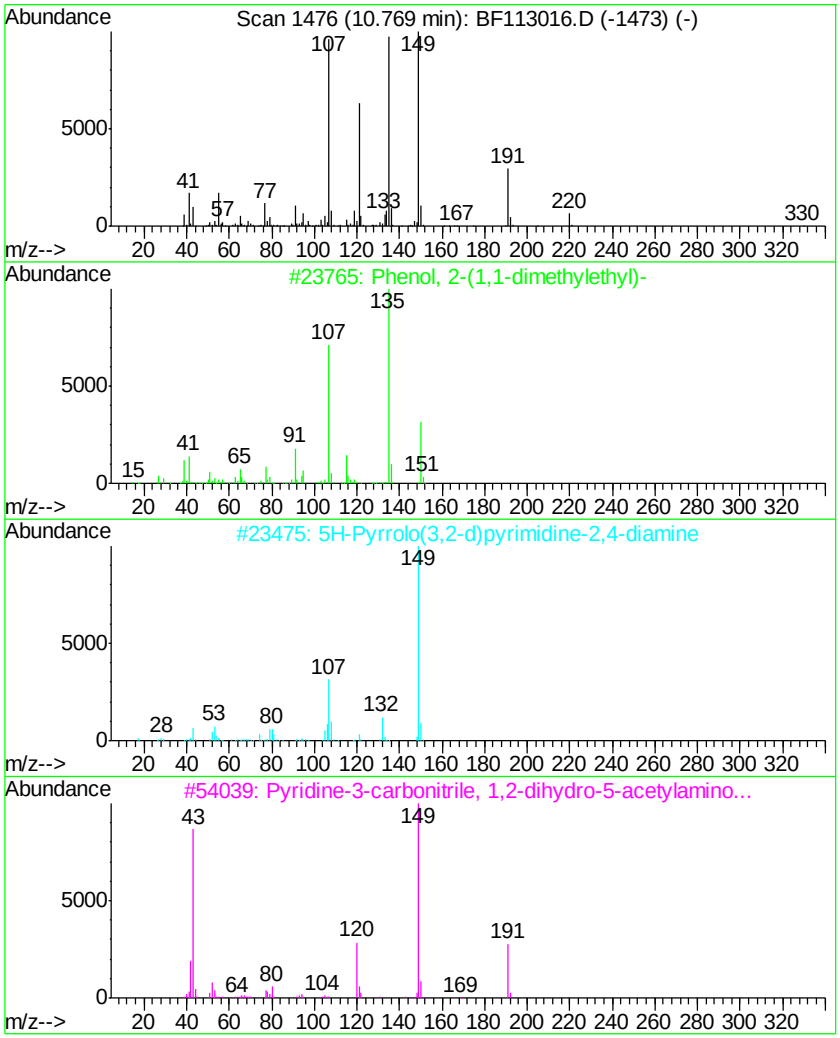
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

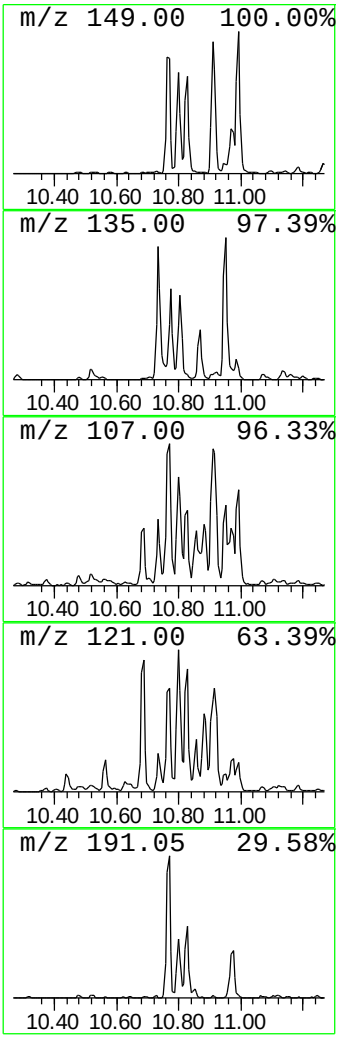
****

Peak Number 5 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	15.97 ng	1143860	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	53
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	43
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	27
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	27
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

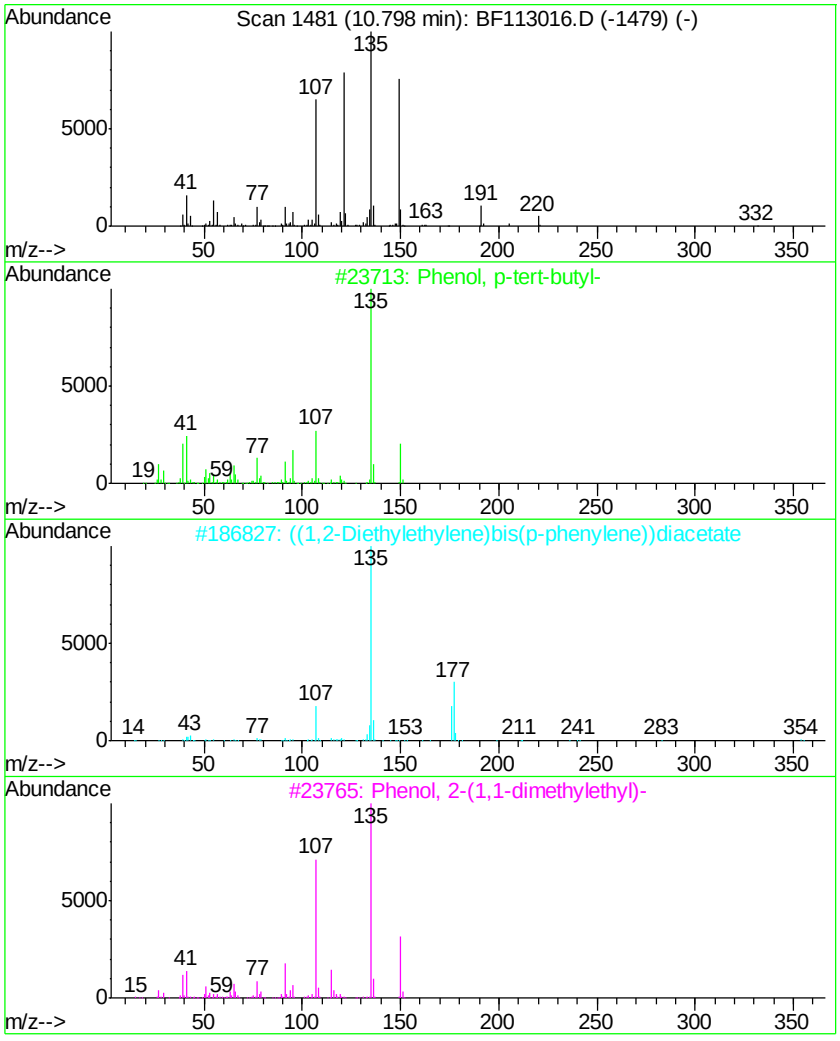
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

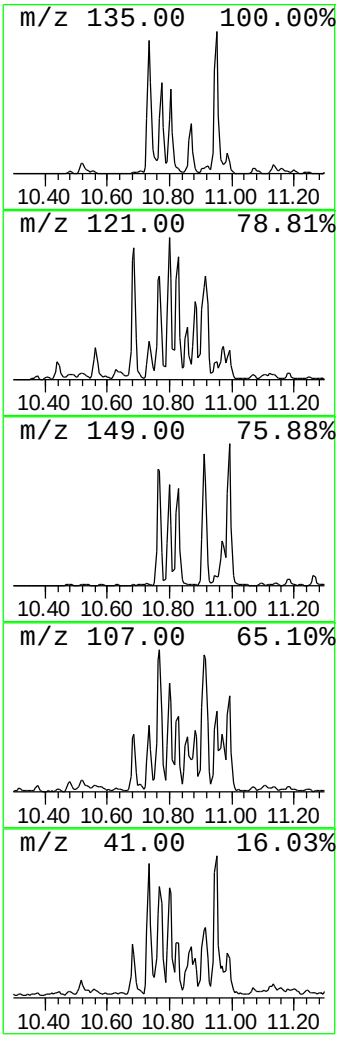
****

Peak Number 6 unknown10.80 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	13.28 ng	950823	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	38
2	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	27
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	27
4	Neodihydrocarveol	154	C10H18O	018675-34-8	22
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	18





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Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

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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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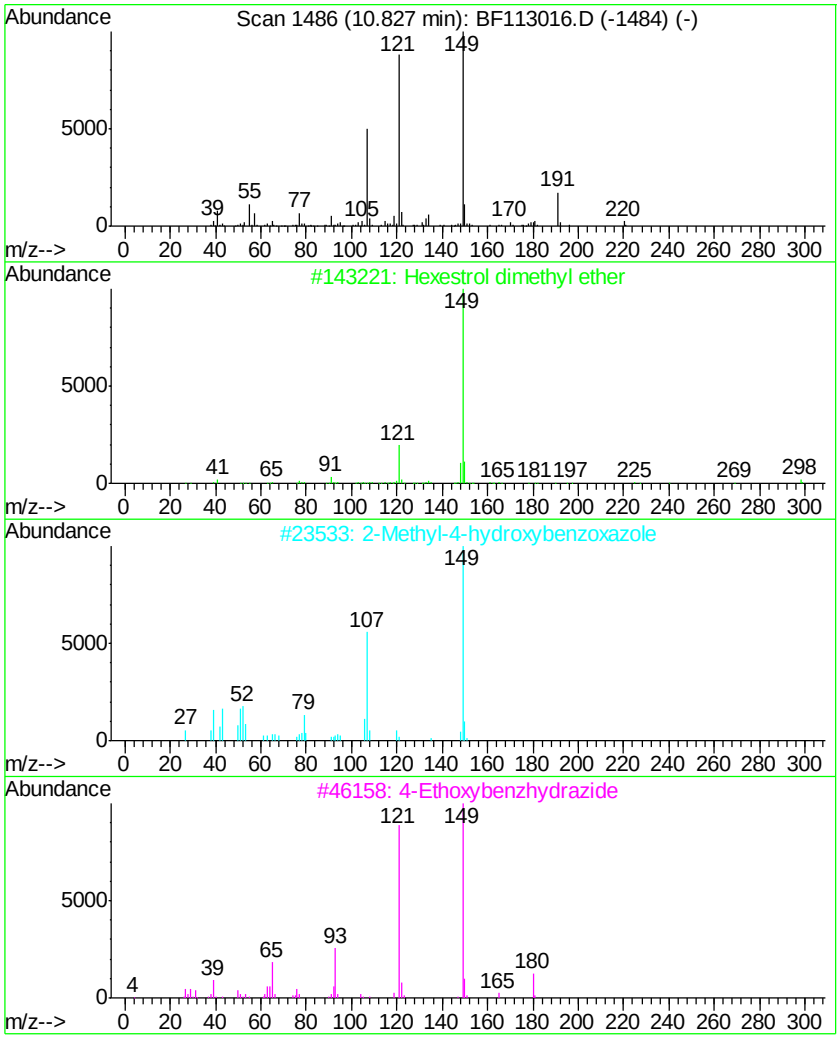
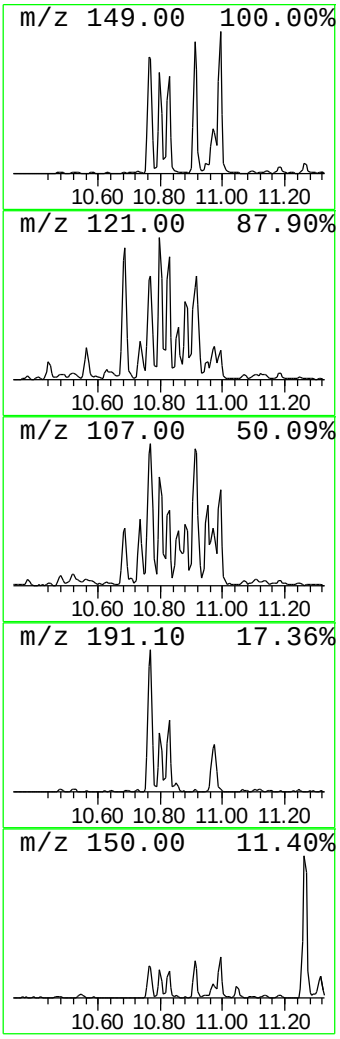
Peak Number 7 unknown10.83 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	6.60 ng	472515	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	45
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
3	4-Ethoxybenzhydrazide	180	C9H12N2O2	058586-81-5	42
4	Phthalic acid, hept-4-yl propyl ...	306	C18H26O4	1000356-78-2	35
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35





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Sample : K1847-15
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ClientSampleId : SUP-7B-C-2-031119

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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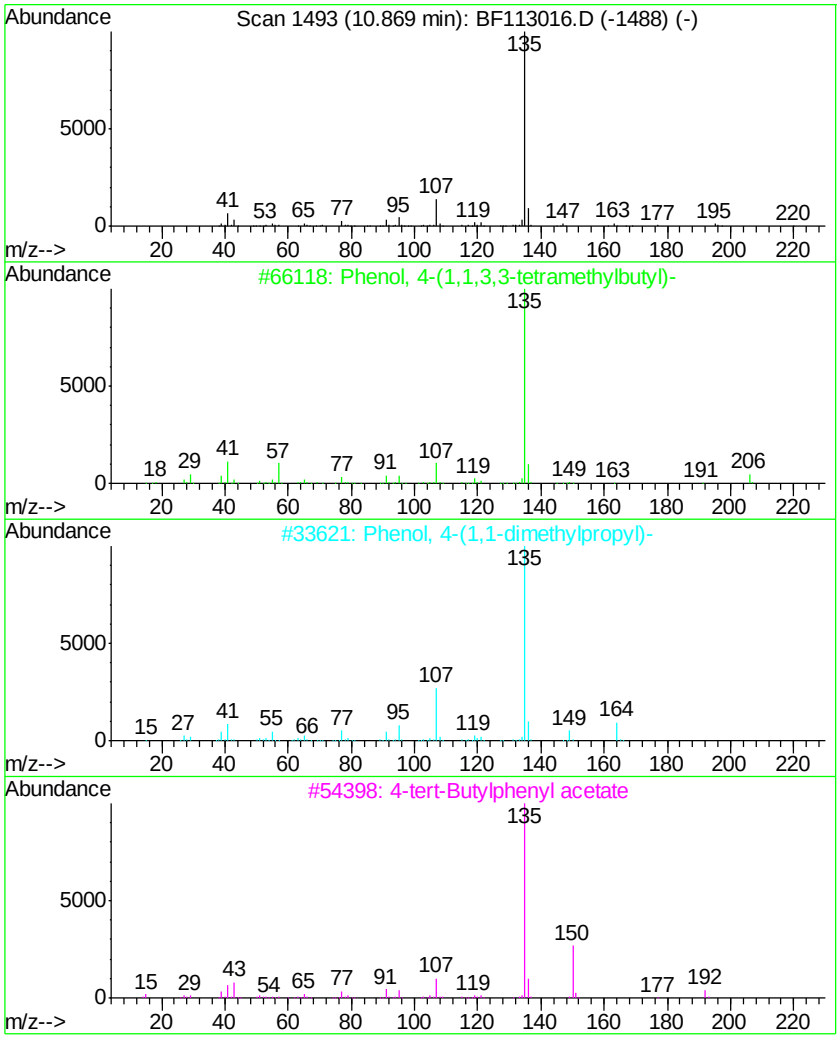
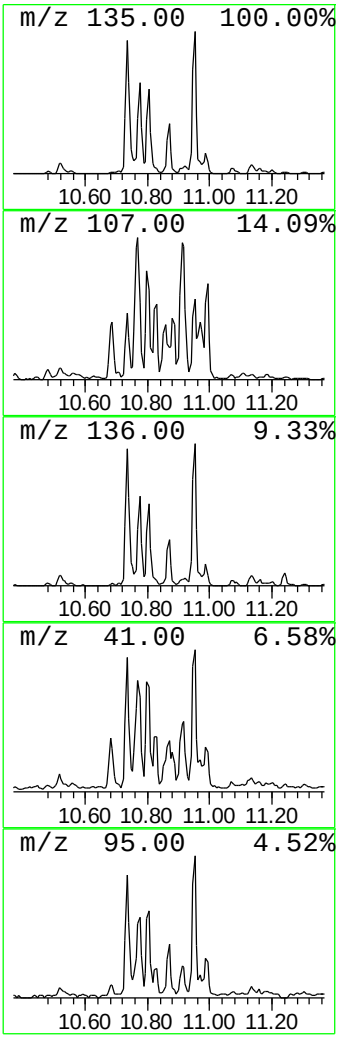
Peak Number 8 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	8.10 ng	580149	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64





Library Search Compound Report

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ClientSampleId : SUP-7B-C-2-031119

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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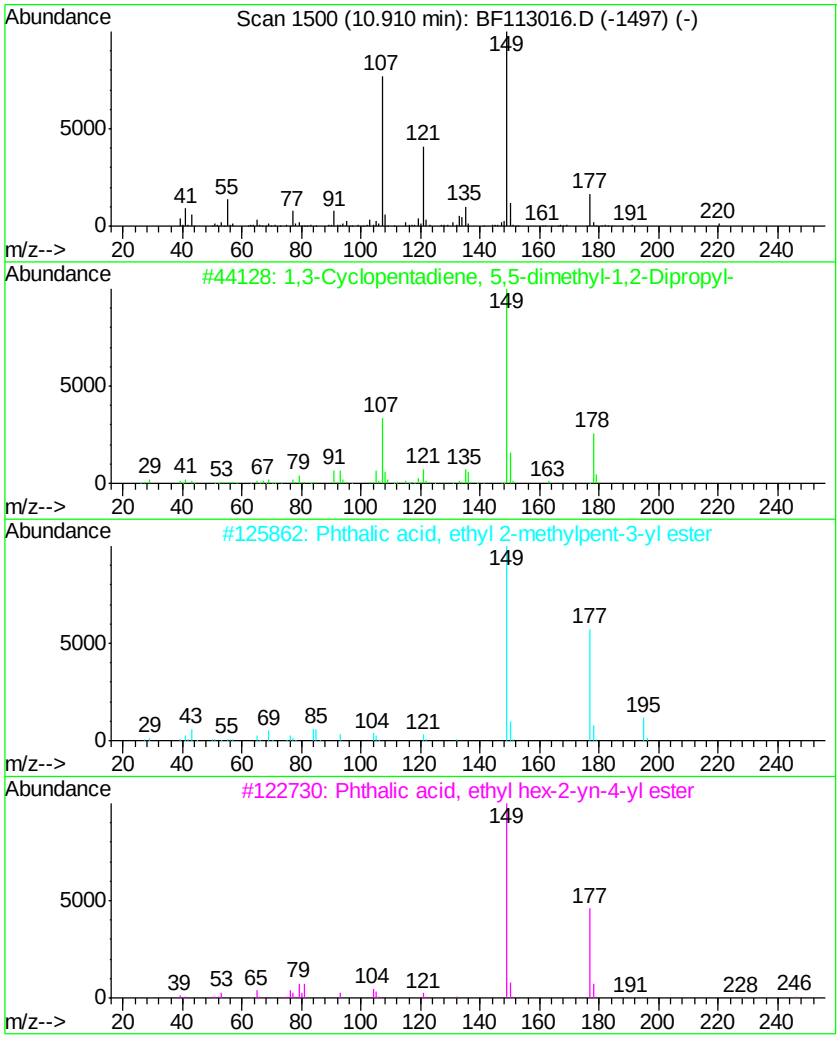
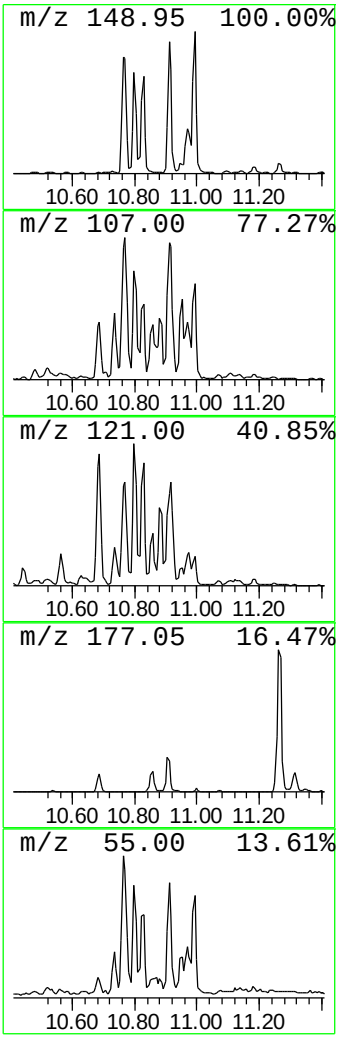
Peak Number 9 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	12.77 ng	914618	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	64
2	Phthalic acid, ethyl 2-methylpen...	278	C16H22O4	1000356-90-5	35
3	Phthalic acid, ethyl hex-2-yn-4-...	274	C16H18O4	1000315-19-0	35
4	Benzo[1,3]dioxole-5-carboxylic a...	362	C16H14N2O6S	1000296-89-7	35
5	Phthalic acid, cyclohexylmethyl ...	290	C17H22O4	1000309-10-0	35





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Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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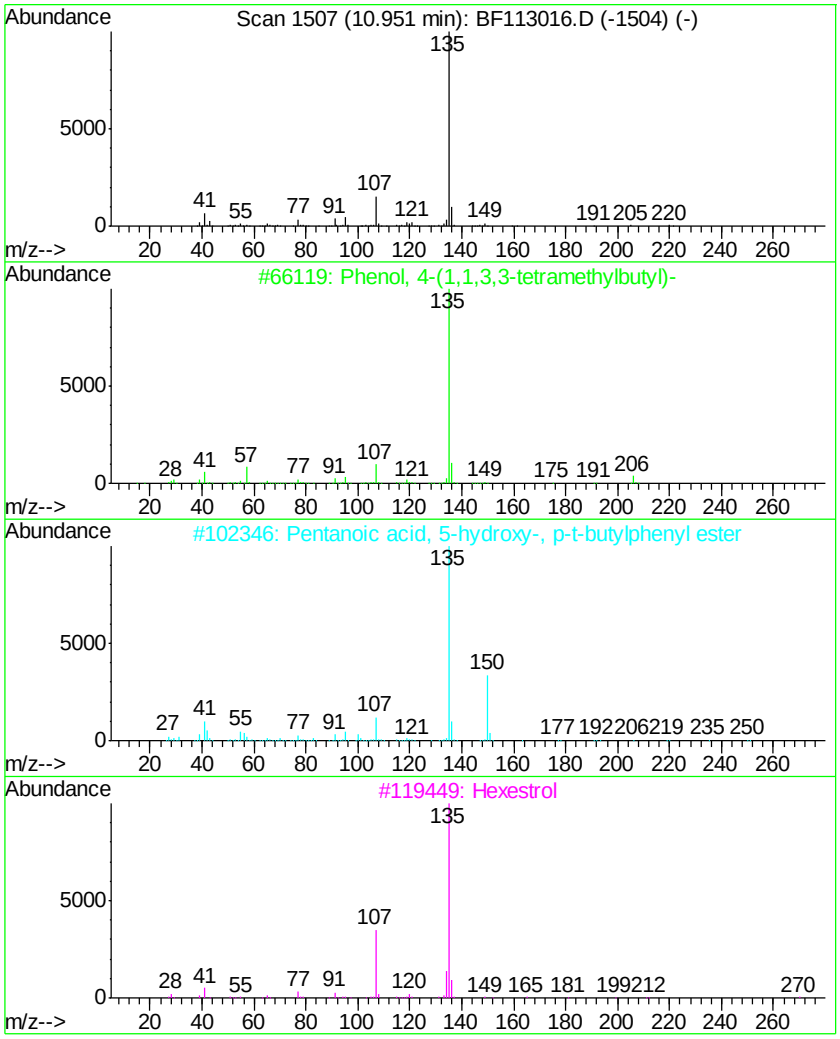
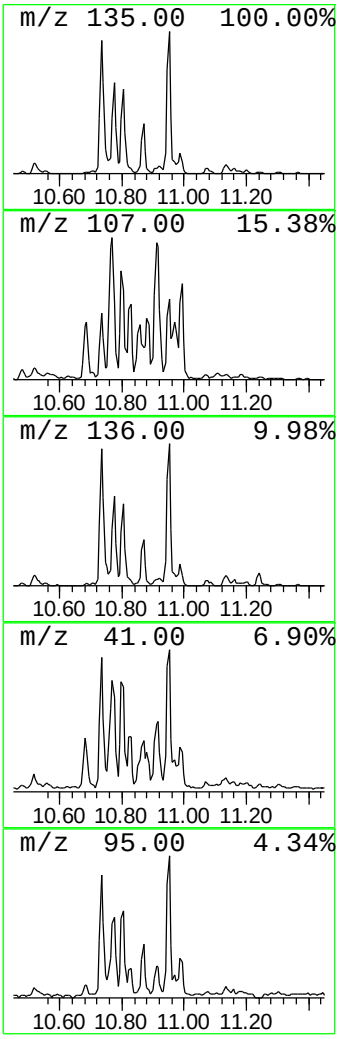
Peak Number 10 unknown10.95 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	12.40 ng	888320	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
3	Hexestrol	270	C18H22O2	000084-16-2	72
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	1-Adamantanecarboxylic acid, 4-n...	301	C17H19NO4	1000307-66-5	64





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ClientSampleId : SUP-7B-C-2-031119

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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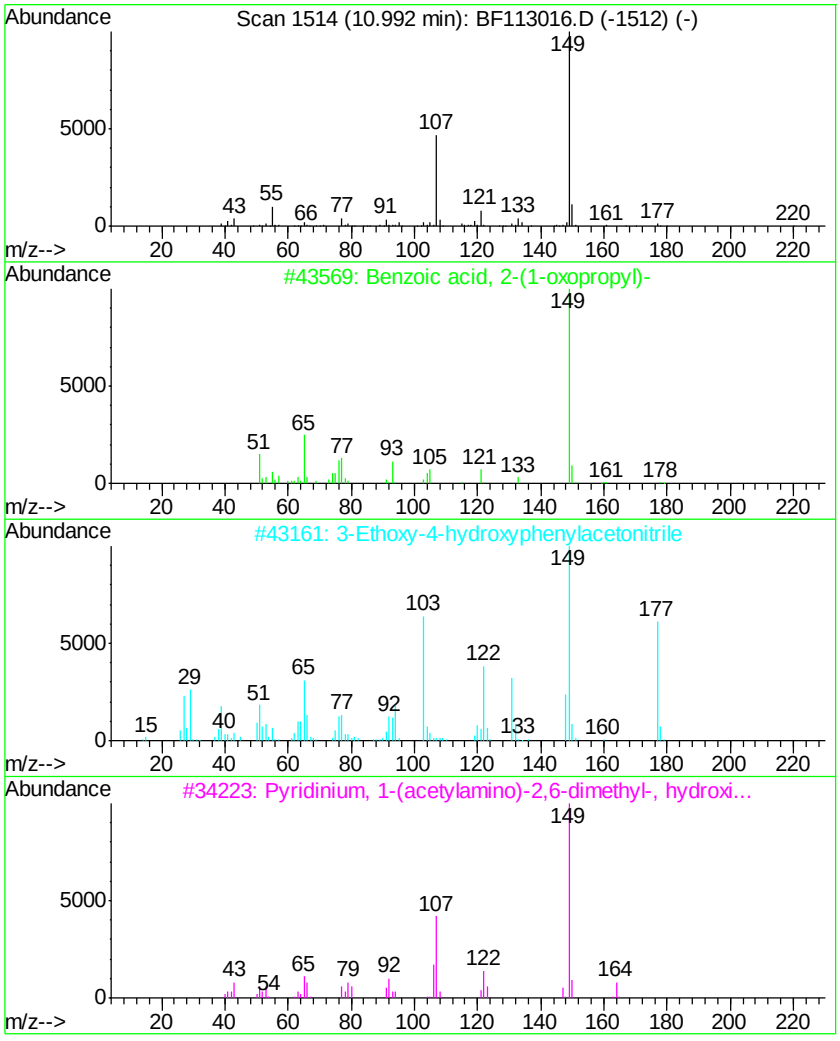
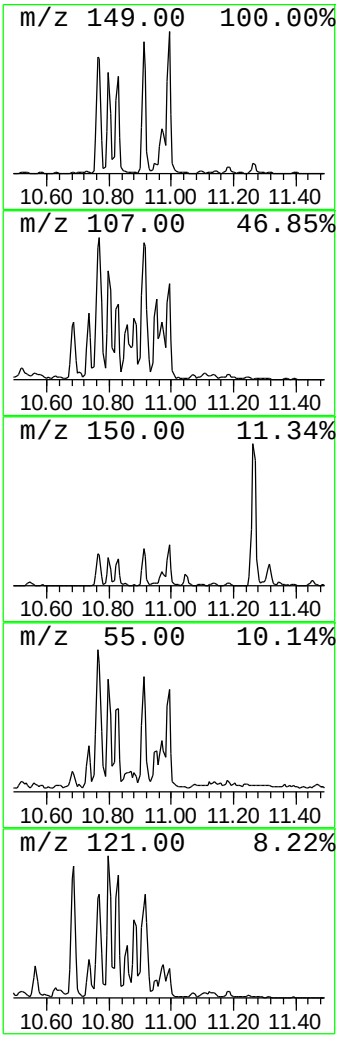
Peak Number 11 Benzoic acid, 2-(1-oxopropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	7.05 ng	505122	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	50
2	3-Ethoxy-4-hydroxyphenylacetonit...	177	C10H11NO2	205748-01-2	47
3	Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	40
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
5	Phthalic acid, cyclobutyl ethyl ...	248	C14H16O4	1000315-41-1	38





Library Search Compound Report

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Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : SUP-7B-C-2-031119

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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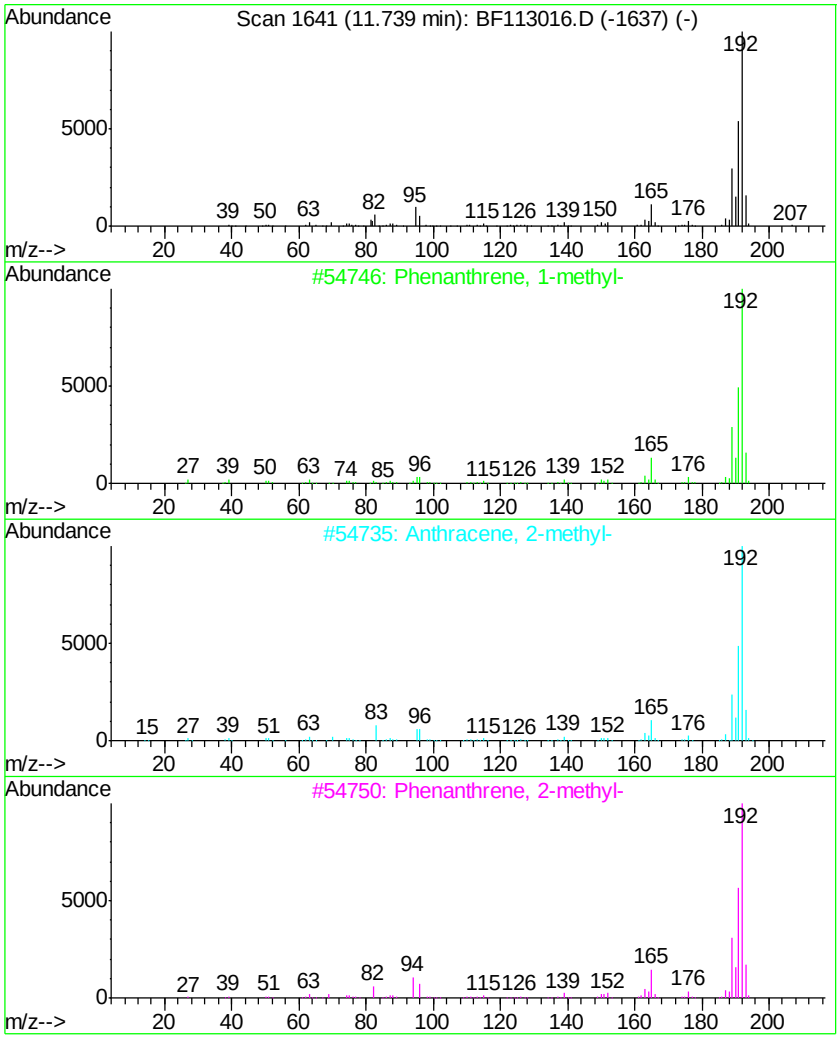
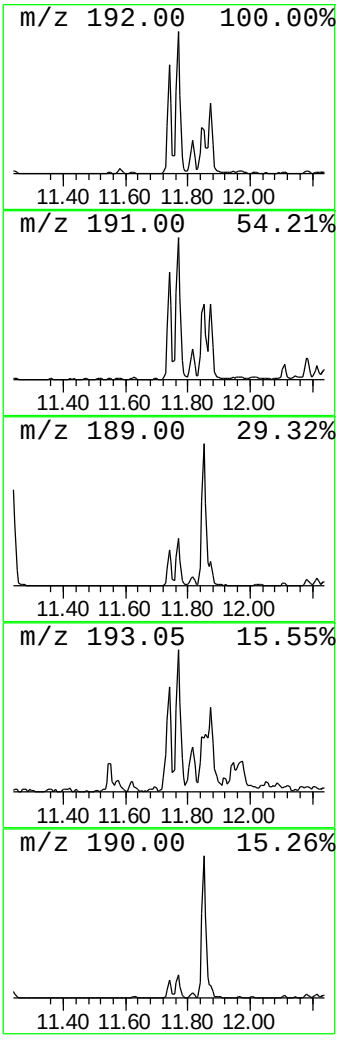
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.44 ng	317799	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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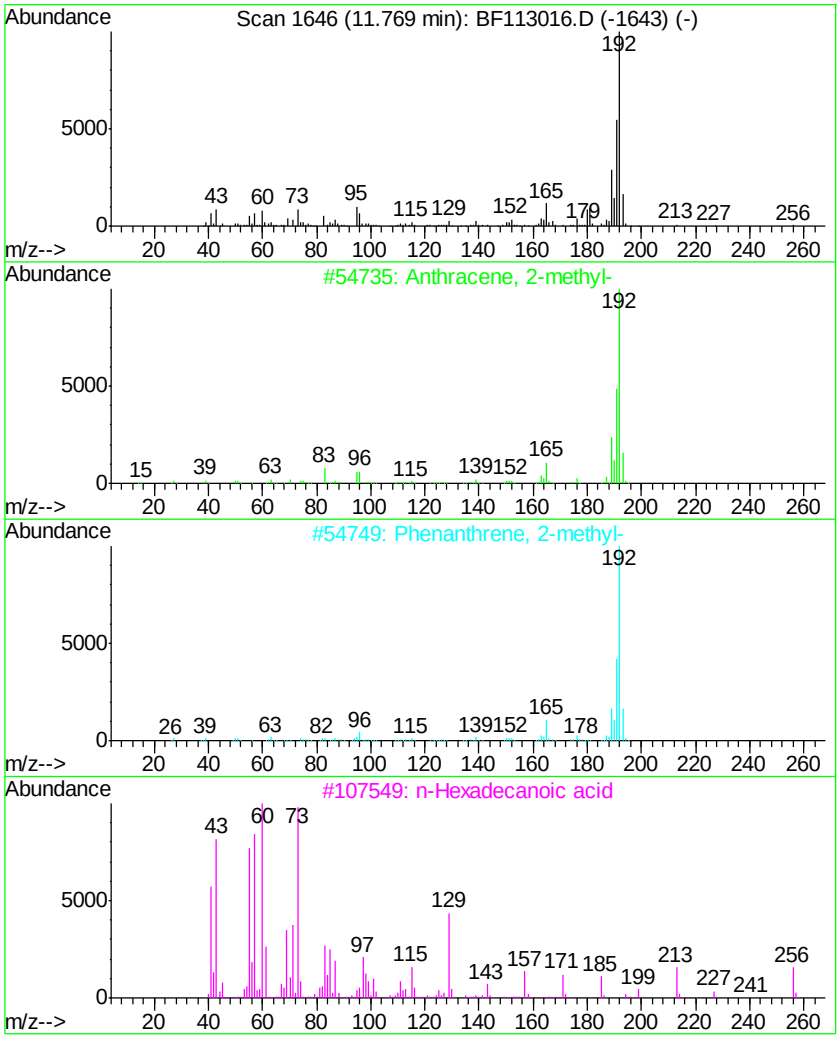
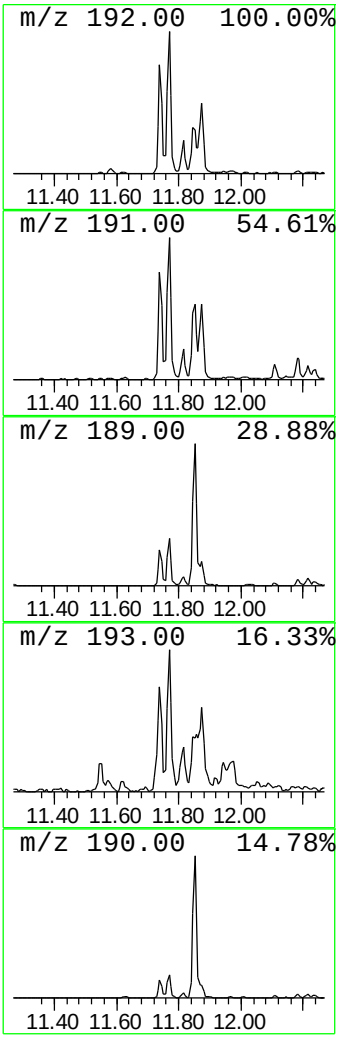
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	15.02 ng	1075870	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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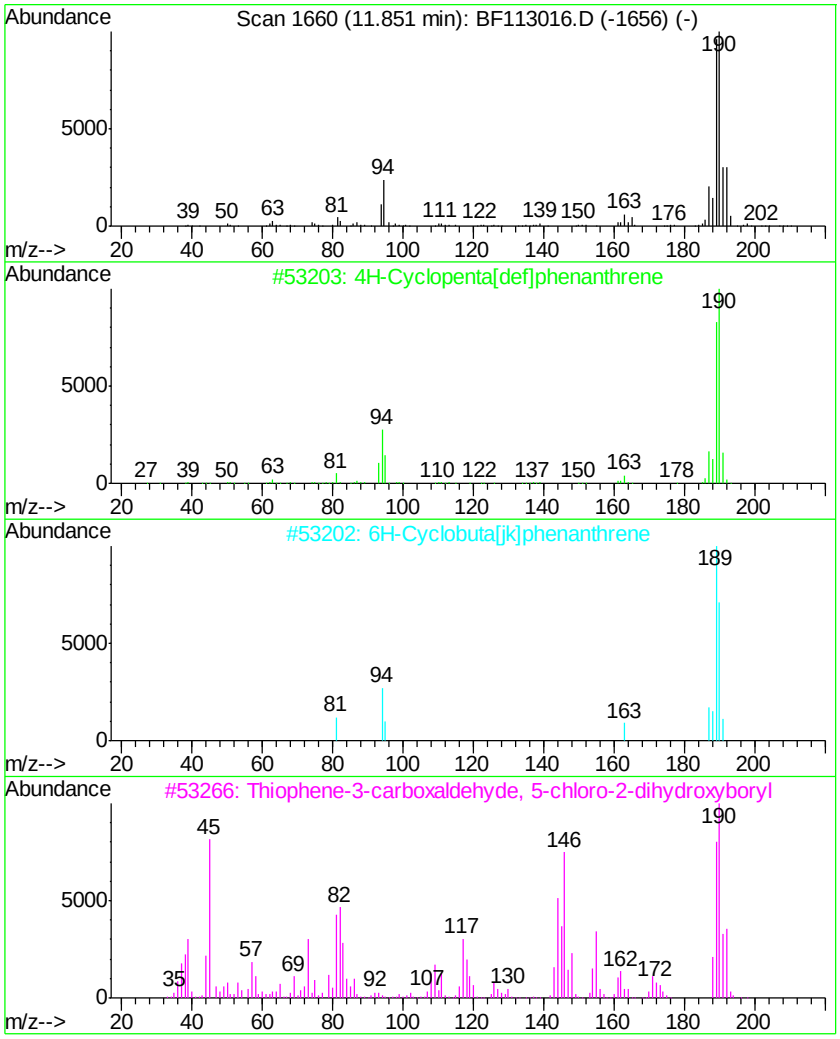
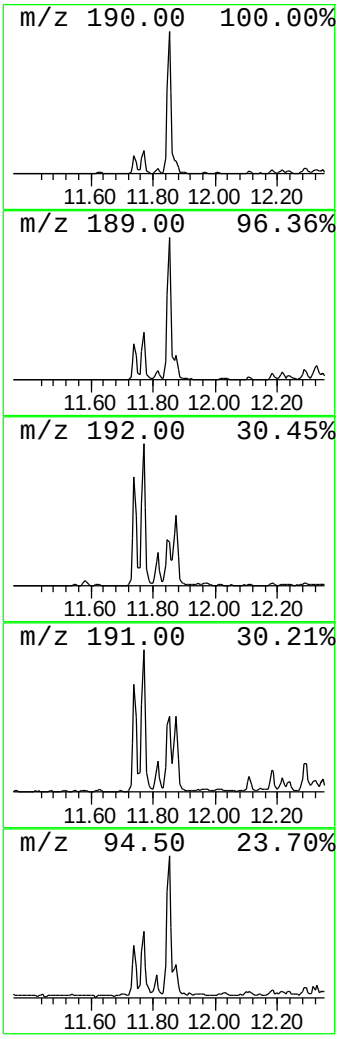
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	8.11 ng	580445	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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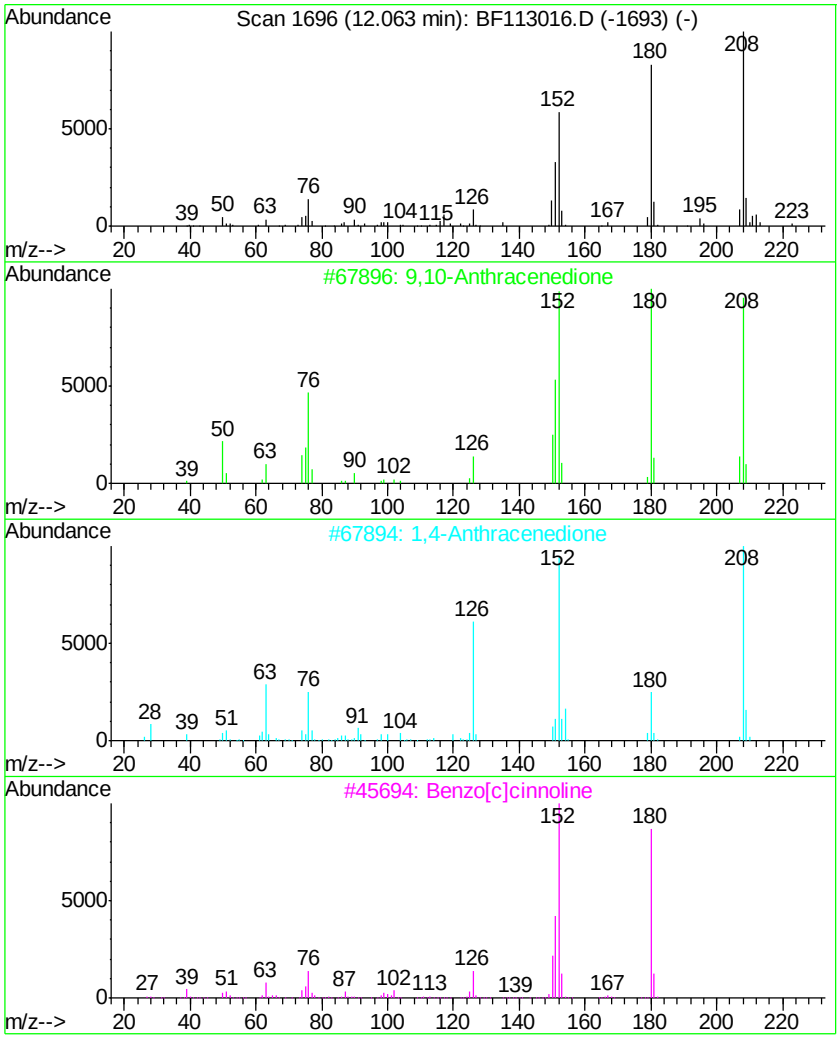
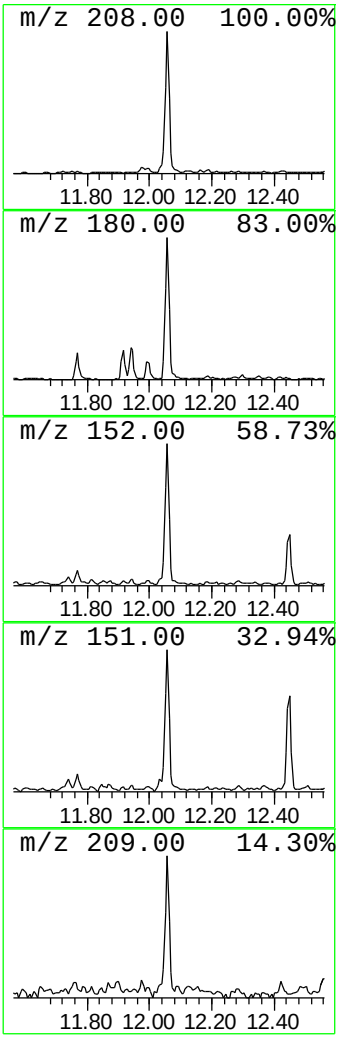
Peak Number 15 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.57 ng	327490	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





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TIC Integration Parameters: LSCINT.P

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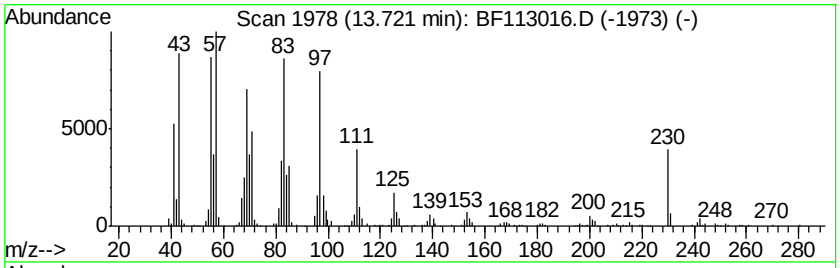
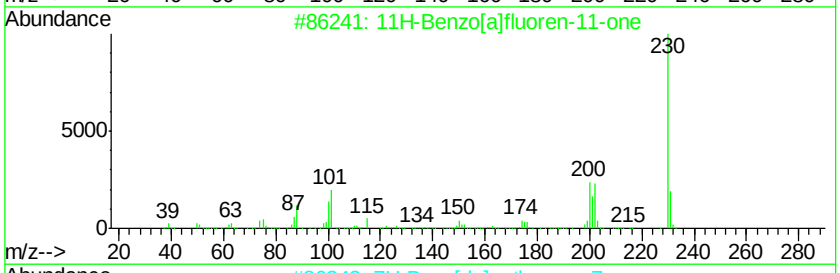
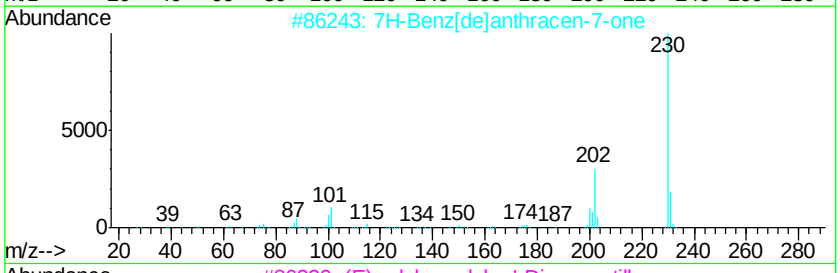
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 15

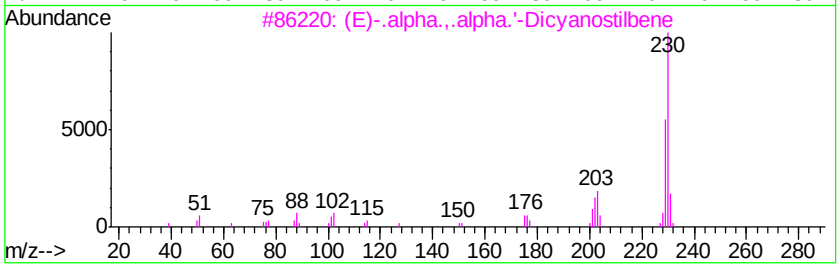
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.90 ng	1092460	Chrysene-d12	13.87

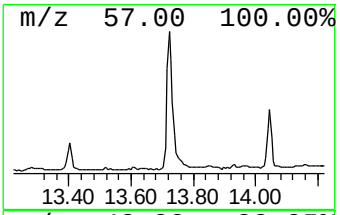
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	43
4	m-Terphenyl	230	C18H14	000092-06-8	38
5	p-Terphenyl	230	C18H14	000092-94-4	35

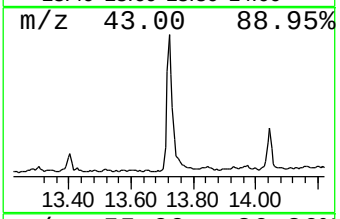


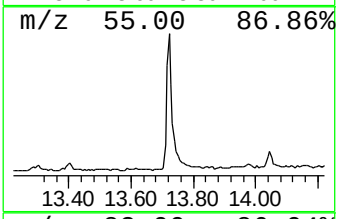


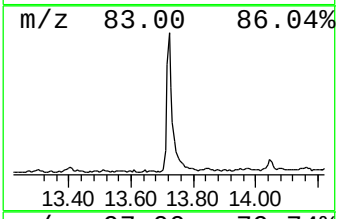


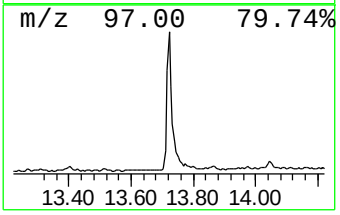












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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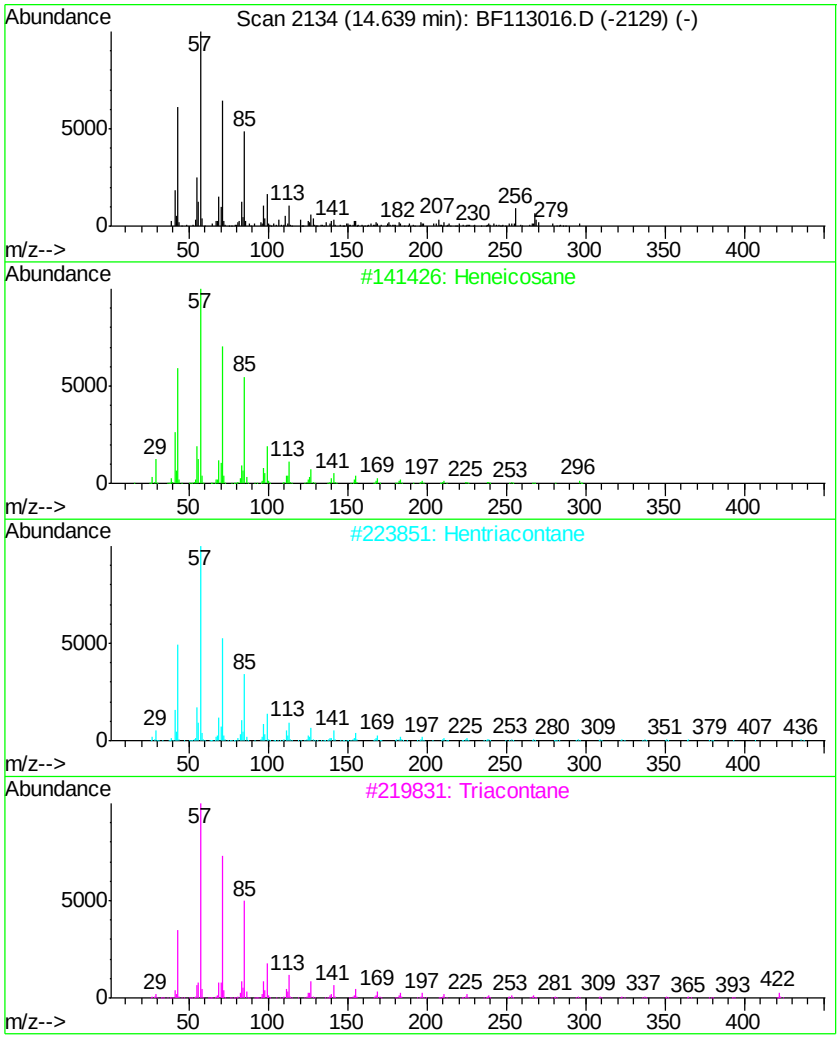
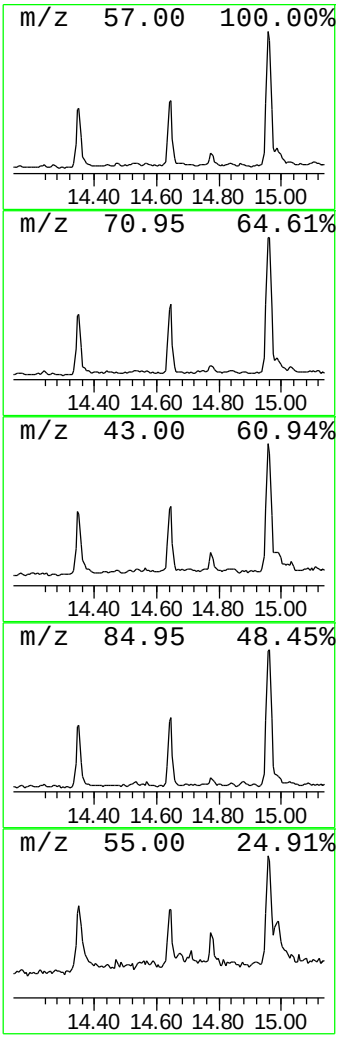
Peak Number 17 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.16 ng	311911	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Integration Parameters: LSCINT.P

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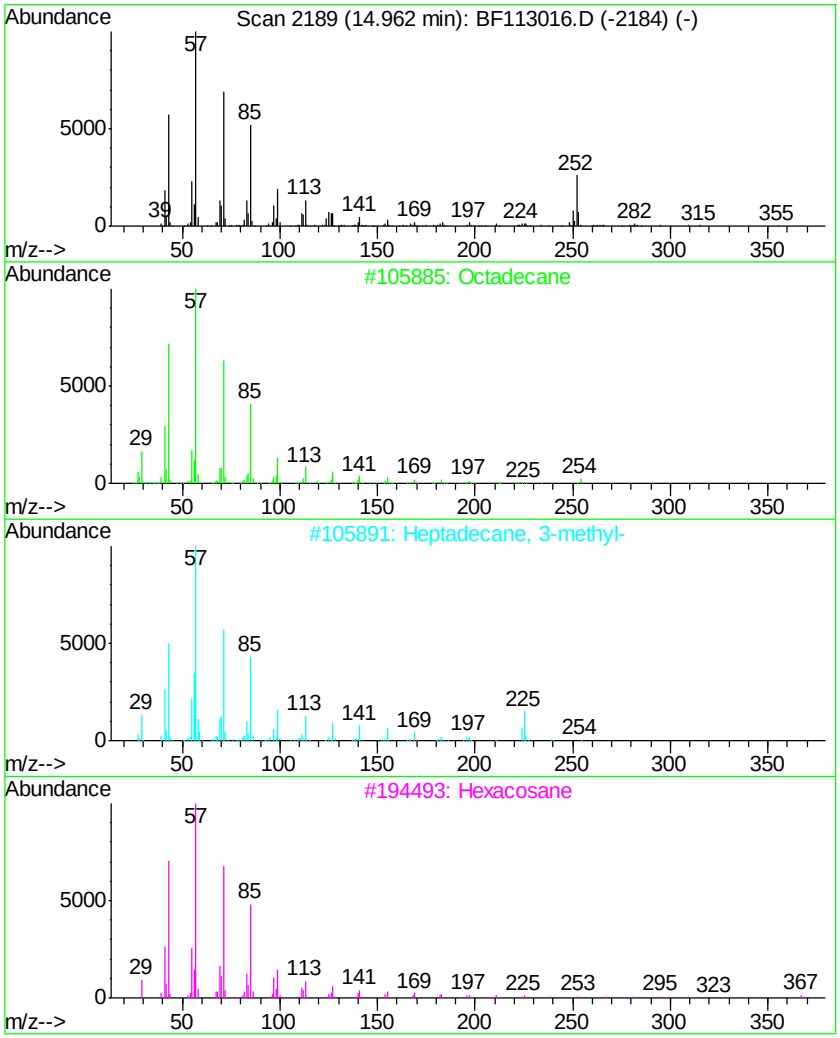
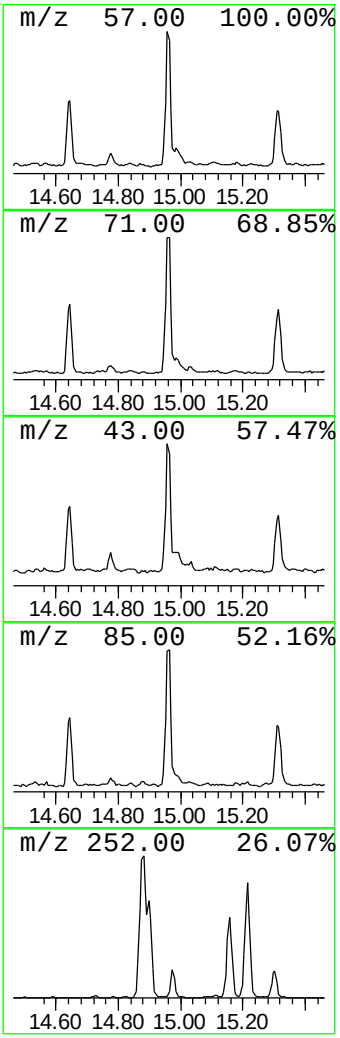
Peak Number 18 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	11.19 ng	676971	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	81
3	Hexacosane	366	C26H54	000630-01-3	81
4	Heneicosane	296	C21H44	000629-94-7	81
5	Tetracosane	338	C24H50	000646-31-1	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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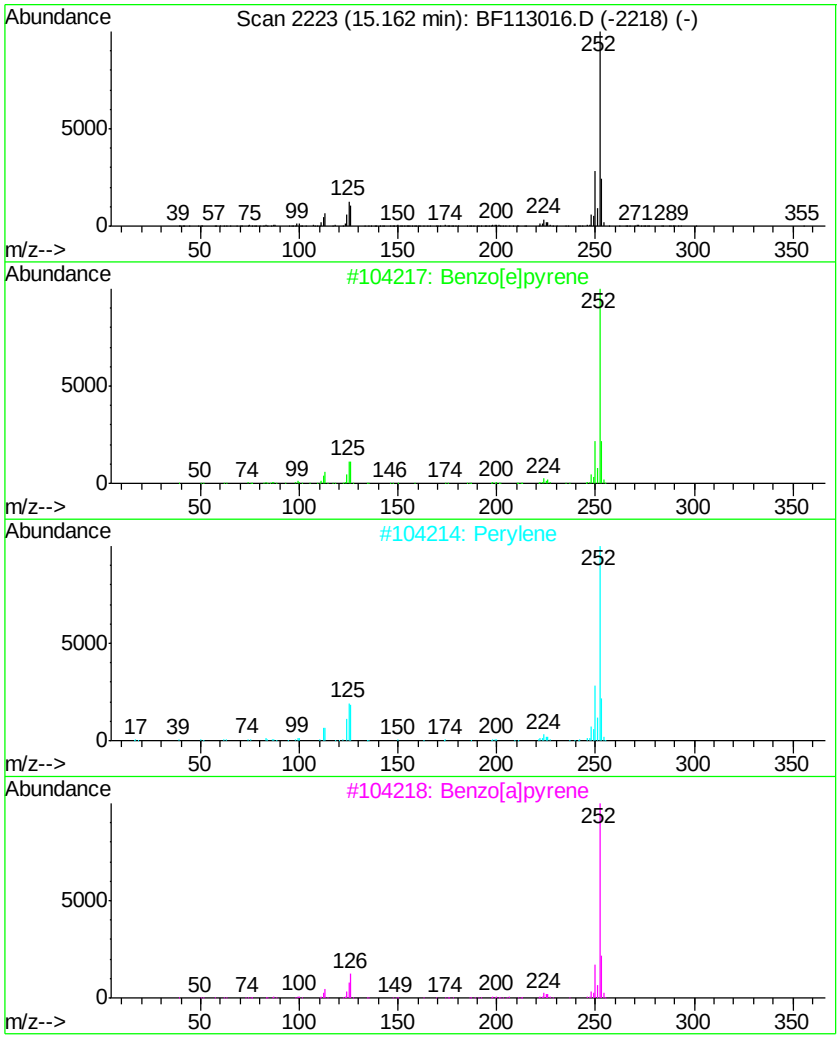
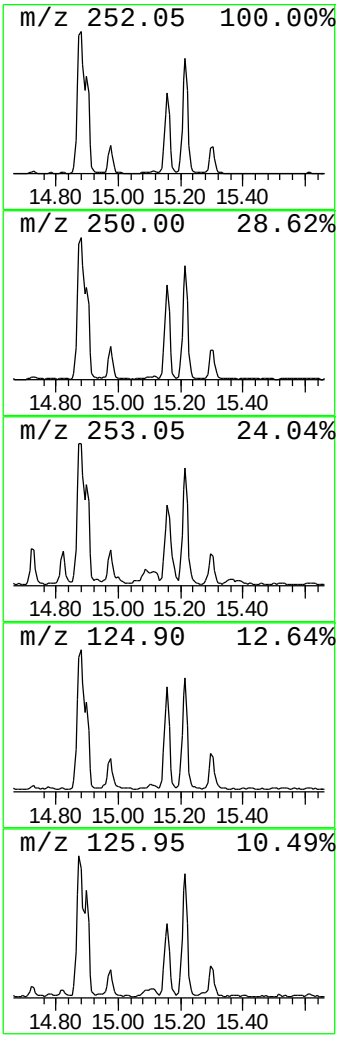
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	14.99 ng	906287	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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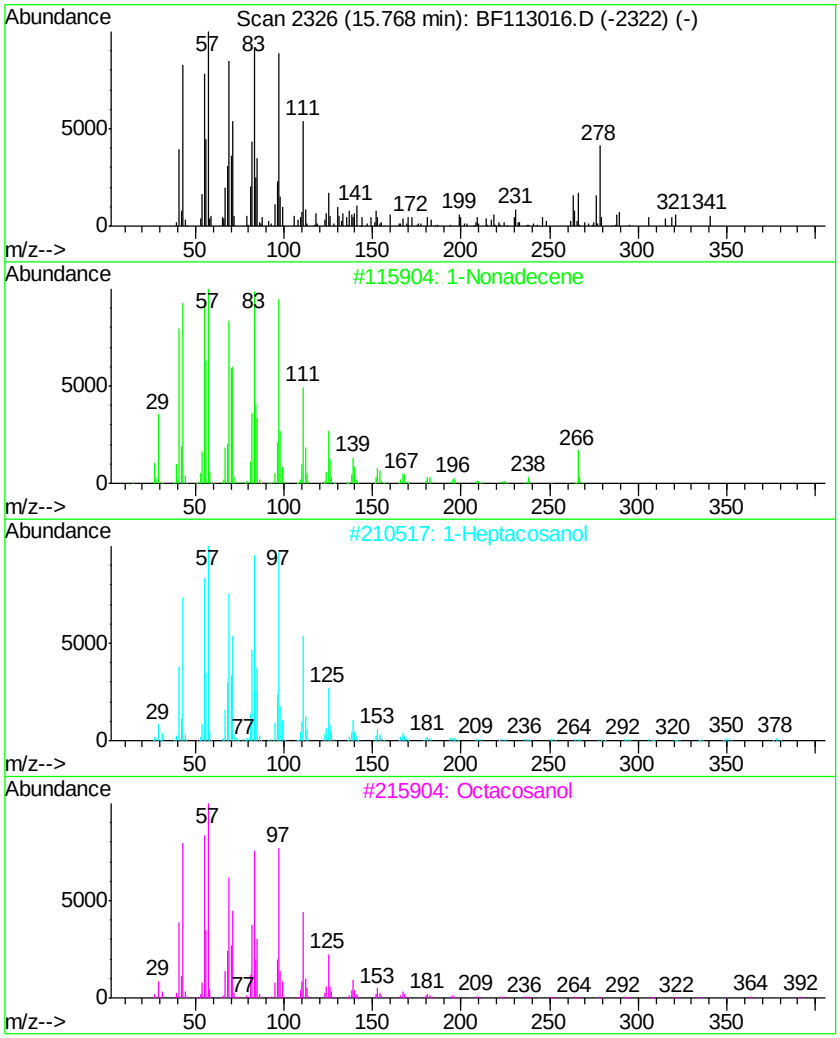
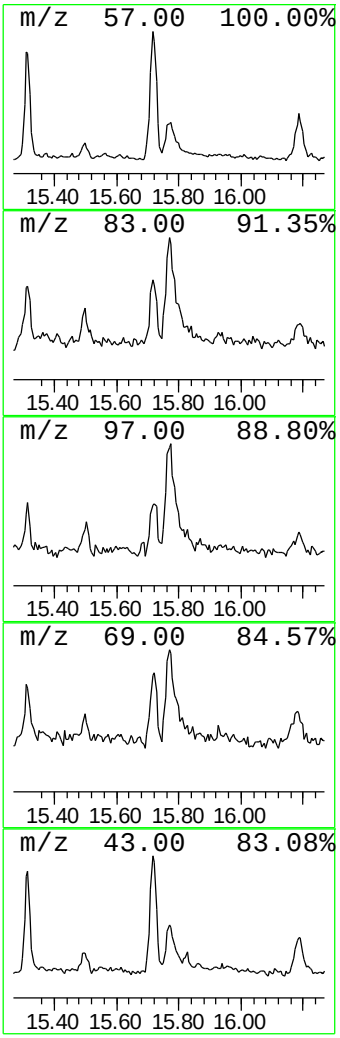
Peak Number 20 1-Nonadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	5.83 ng	352518	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	83
2	1-Heptacosanol	396	C27H56O	002004-39-9	81
3	Octacosanol	410	C28H58O	000557-61-9	78
4	1-Heneicosanol	312	C21H44O	015594-90-8	74
5	Behenic alcohol	326	C22H46O	000661-19-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113016.D
Acq On : 12 Mar 2019 21:30
Operator : JU/SJ
Sample : K1847-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-2-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	84.3	ng	4644810	1	6.73	1102630	20.0
Acetamide, N-(2,6...	10.69	5.2	ng	370629	4	11.24	1432310	20.0
4-(1,1-Dimethylpr...	10.73	11.1	ng	792015	4	11.24	1432310	20.0
Phenol, 2-(1,1-di...	10.77	16.0	ng	1143860	4	11.24	1432310	20.0
unknown10.80	10.80	13.3	ng	950823	4	11.24	1432310	20.0
unknown10.83	10.83	6.6	ng	472515	4	11.24	1432310	20.0
Phenol, 4-(1,1,3,...	10.87	8.1	ng	580149	4	11.24	1432310	20.0
1,3-Cyclopentadie...	10.91	12.8	ng	914618	4	11.24	1432310	20.0
unknown10.95	10.95	12.4	ng	888320	4	11.24	1432310	20.0
Benzoic acid, 2-(...	10.99	7.0	ng	505122	4	11.24	1432310	20.0
Phenanthrene, 1-m...	11.74	4.4	ng	317799	4	11.24	1432310	20.0
Anthracene, 2-met...	11.77	15.0	ng	1075870	4	11.24	1432310	20.0
4H-Cyclopenta[def...	11.85	8.1	ng	580445	4	11.24	1432310	20.0
9,10-Anthracenedione	12.06	4.6	ng	327490	4	11.24	1432310	20.0
11H-Benzo[a]fluor...	13.72	5.9	ng	1092460	5	13.87	3702850	20.0
Heneicosane	14.64	5.2	ng	311911	6	15.27	1209580	20.0
Octadecane	14.96	11.2	ng	676971	6	15.27	1209580	20.0
Benzo[e]pyrene	15.16	15.0	ng	906287	6	15.27	1209580	20.0
1-Nonadecene	15.77	5.8	ng	352518	6	15.27	1209580	20.0