LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112990.D
Acq On : 12 Mar 2019 8:01
Operator : JU/SJ
Sample : K1817-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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	3.716	269	277	296	rBV	2936280	4644448	100.00%	10.230%
2	5.340	549	553	571	rBV	2980265	3046433	65.59%	6.710%
3	6.369	723	728	746	rBV	3377324	3307618	71.22%	7.285%
4	6.498	746	750	754	rBV	3570735	3240494	69.77%	7.137%
5	6.728	786	789	793	rBV	1164494	972140	20.93%	2.141%
6	6.887	812	816	819	rBV	2906504	2446932	52.69%	5.389%
7	7.287	880	884	898	rBV	1969867	2027481	43.65%	4.466%
8	8.010	1003	1007	1014	rBV	1195940	1158061	24.93%	2.551%
9	9.086	1186	1190	1205	rBV	3571960	3407398	73.36%	7.505%
10	9.481	1254	1257	1263	rVB	283376	254039	5.47%	0.560%
11	9.763	1301	1305	1308	rBV	1569067	1390925	29.95%	3.064%
12	9.792	1308	1310	1320	rVB	99761	102170	2.20%	0.225%
13	9.969	1336	1340	1344	rBV	46197	48739	1.05%	0.107%
14	10.304	1394	1397	1403	rVB2	71723	67601	1.46%	0.149%
15	10.545	1434	1438	1452	rVV	2656026	2633939	56.71%	5.801%
16	11.045	1520	1523	1528	rVB	58058	59231	1.28%	0.130%
17	11.092	1528	1531	1534	rVV3	38255	50290	1.08%	0.111%
18	11.133	1534	1538	1544	rVB2	52807	70957	1.53%	0.156%
19	11.239	1552	1556	1558	rBV	1782532	1579769	34.01%	3.480%
20	11.263	1558	1560	1564	rVV	879610	720616	15.52%	1.587%
21	11.310	1565	1568	1572	rVB	151501	166890	3.59%	0.368%
22	11.469	1590	1595	1598	rBV2	60843	82146	1.77%	0.181%
23	11.739	1636	1641	1643	rBV	130293	118878	2.56%	0.262%
24	11.775	1643	1647	1651	rVV2	436087	519726	11.19%	1.145%
25	11.816	1651	1654	1657	rVV	89053	109892	2.37%	0.242%
26	11.851	1657	1660	1662	rVV	182538	201562	4.34%	0.444%
27	11.875	1662	1664	1668	rVB	99640	89385	1.92%	0.197%
28	12.033	1688	1691	1693	rBV	86721	77026	1.66%	0.170%
29	12.057	1693	1695	1698	rVB	75619	64810	1.40%	0.143%
30	12.180	1712	1716	1719	rBV	41774	47036	1.01%	0.104%
31	12.286	1728	1734	1737	rBV	83087	113928	2.45%	0.251%
32	12.369	1745	1748	1754	rVB	81141	102174	2.20%	0.225%
33	12.445	1757	1761	1766	rVV	989611	856062	18.43%	1.886%
34	12.498	1766	1770	1774	rVV4	36648	66916	1.44%	0.147%

LSC Area Percent Report

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Instrument : BNA_F
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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	12.557	1778	1780	1790	rVV4	87744	190041	4.09%	0.419%
36	12.669	1794	1799	1803	rBV2	711471	873037	18.80%	1.923%
37	12.722	1805	1808	1813	rVB2	59784	90750	1.95%	0.200%
38	12.792	1817	1820	1821	rBV	76569	65115	1.40%	0.143%
39	12.822	1821	1825	1832	rVB	3423764	3401384	73.24%	7.492%
40	12.892	1832	1837	1840	rBV2	77534	115404	2.48%	0.254%
41	12.957	1844	1848	1849	rBV2	63607	60948	1.31%	0.134%
42	12.998	1853	1855	1859	rVB	121322	107596	2.32%	0.237%
43	13.063	1863	1866	1869	rVB2	67475	65690	1.41%	0.145%
44	13.104	1869	1873	1876	rBV	128247	147192	3.17%	0.324%
45	13.222	1891	1893	1898	rVB2	47982	52464	1.13%	0.116%
46	13.304	1903	1907	1912	rVB7	93473	98867	2.13%	0.218%
47	13.504	1938	1941	1946	rVB	98054	105389	2.27%	0.232%
48	13.610	1955	1959	1962	rBV2	78862	110596	2.38%	0.244%
49	13.645	1962	1965	1967	rVB	50070	50466	1.09%	0.111%
50	13.722	1973	1978	1986	rBV2	266643	413201	8.90%	0.910%
51	13.863	1997	2002	2005	rBV2	1599897	1803295	38.83%	3.972%
52	13.886	2005	2006	2015	rVB	403531	360291	7.76%	0.794%
53	13.969	2015	2020	2022	rBV2	46261	60082	1.29%	0.132%
54	14.045	2030	2033	2037	rVB2	73518	74254	1.60%	0.164%
55	14.251	2064	2068	2071	rBV	88362	92122	1.98%	0.203%
56	14.280	2071	2073	2077	rVB	57727	62810	1.35%	0.138%
57	14.357	2077	2086	2096	rBV5	153922	450658	9.70%	0.993%
58	14.639	2129	2134	2141	rBV3	81620	135867	2.93%	0.299%
59	14.710	2143	2146	2151	rVB3	44117	63228	1.36%	0.139%
60	14.874	2169	2174	2183	rBV	269558	548777	11.82%	1.209%
61	14.957	2184	2188	2192	rBV4	95275	162477	3.50%	0.358%
62	15.151	2217	2221	2227	rVB	137810	182493	3.93%	0.402%
63	15.210	2227	2231	2236	rBV	192810	229775	4.95%	0.506%
64	15.268	2236	2241	2245	rBV	854750	1076526	23.18%	2.371%
65	15.715	2313	2317	2322	rVB2	79521	112118	2.41%	0.247%
66	16.180	2393	2396	2401	rBV	40096	70667	1.52%	0.156%
67	16.627	2467	2472	2480	rVB2	57561	122862	2.65%	0.271%

Sum of corrected areas: 45402154

LSC Report - Integrated Chromatogram

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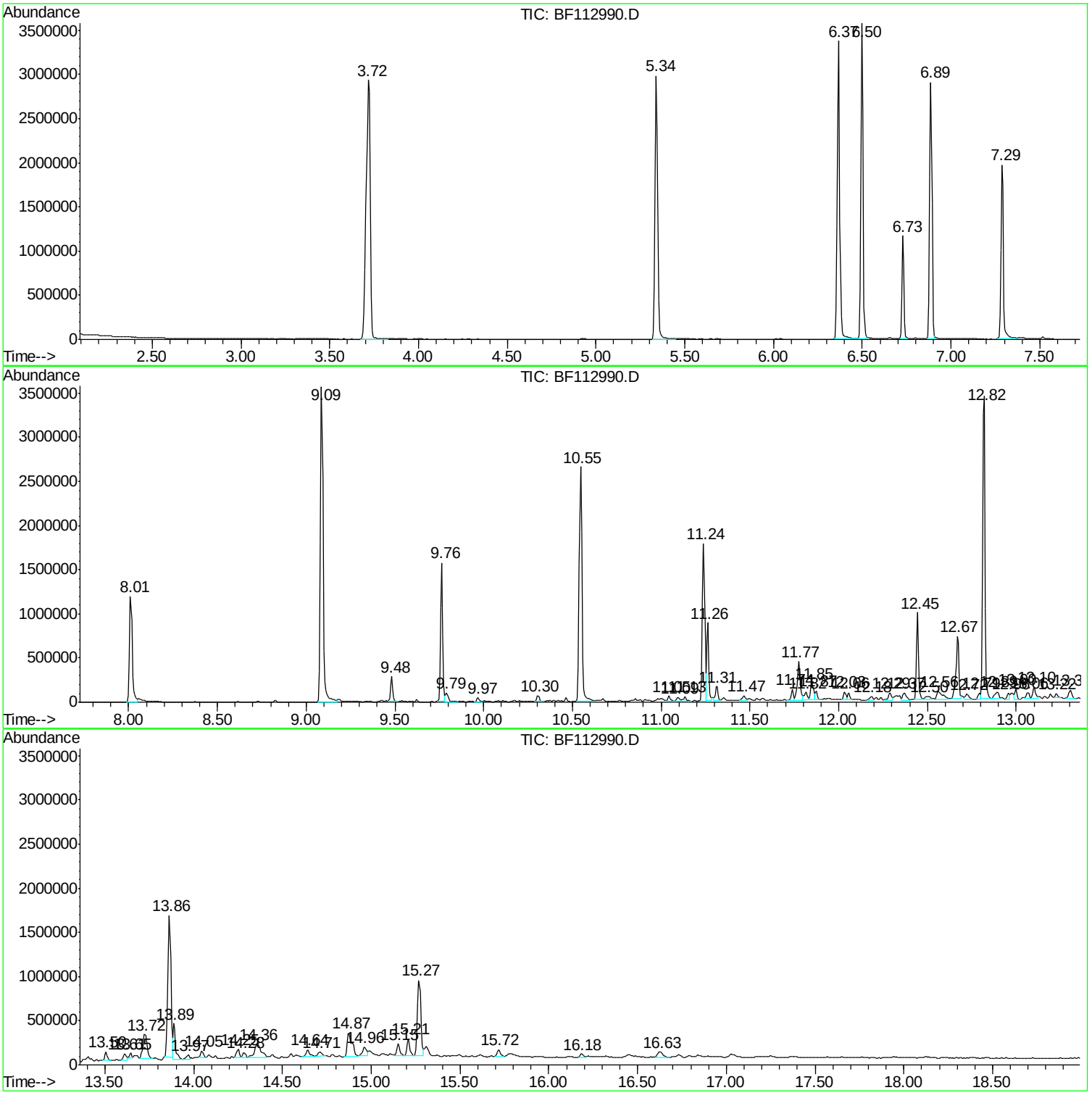
Sample : K1817-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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\BF031119\
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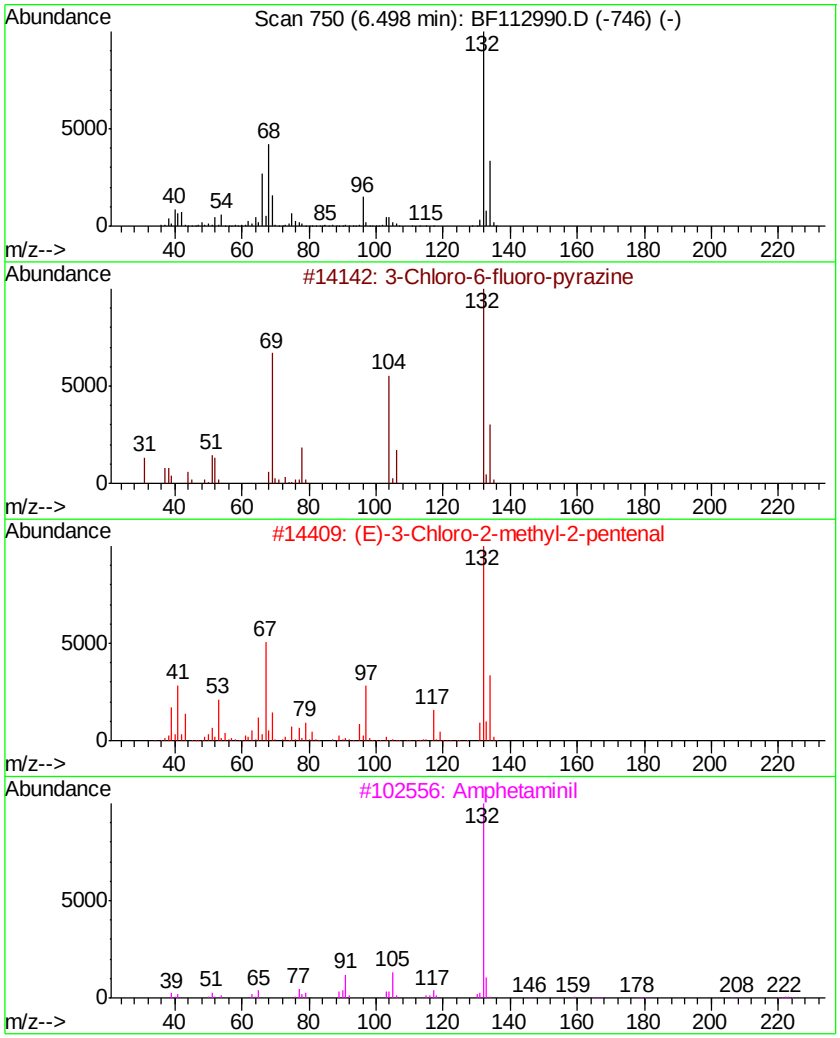
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

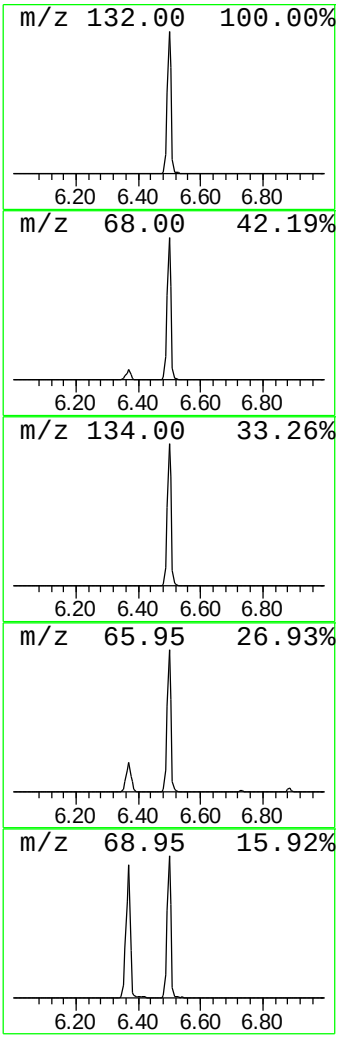
****

Peak Number 2 unknown6.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	66.67 ng	3240490	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	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112990.D
Acq On : 12 Mar 2019 8:01
Operator : JU/SJ
Sample : K1817-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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

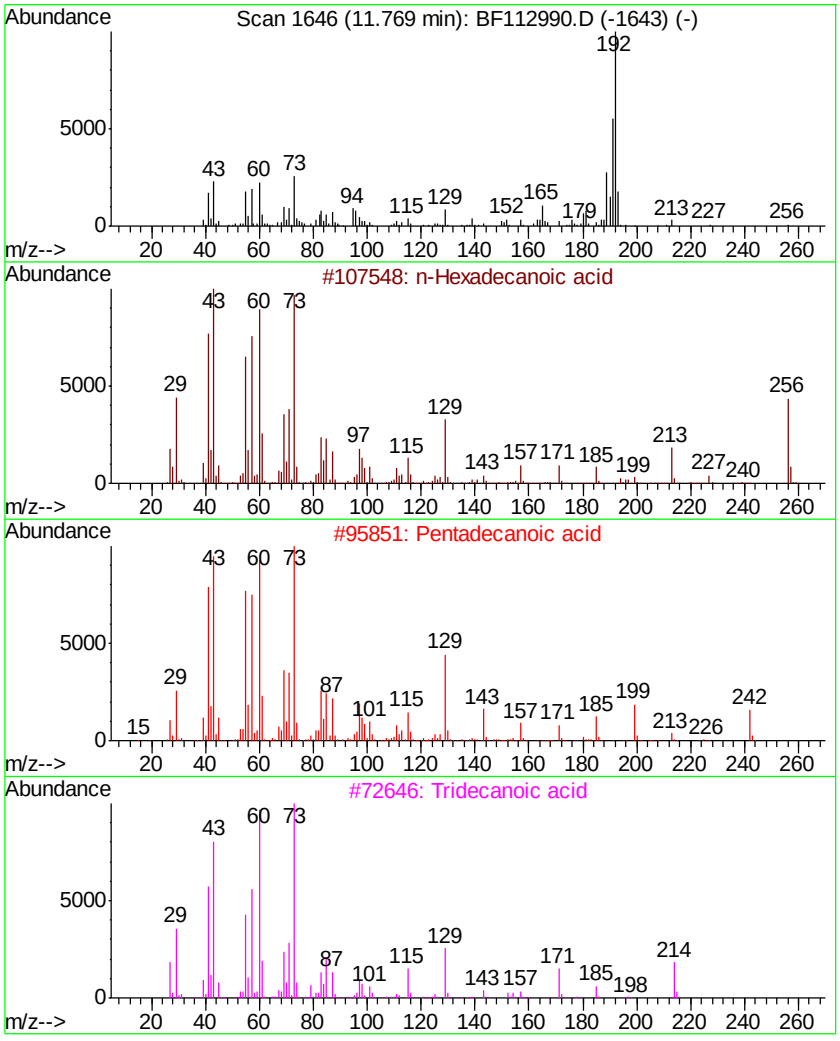
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

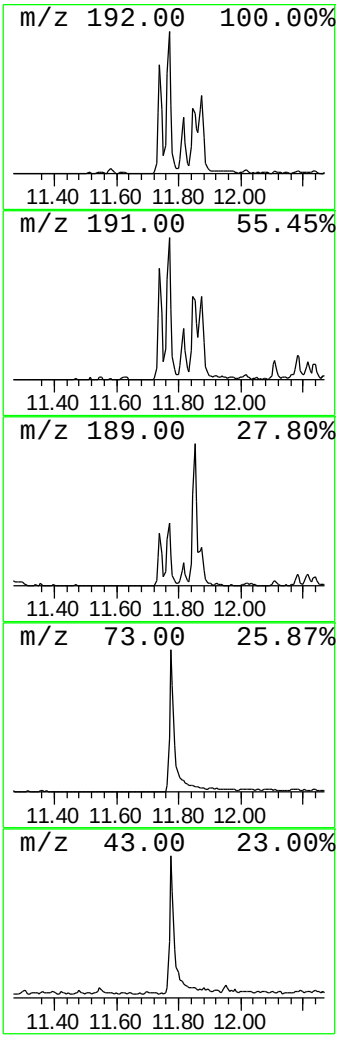
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.58 ng	519726	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	59
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	45





Library Search Compound Report

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Operator : JU/SJ
Sample : K1817-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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

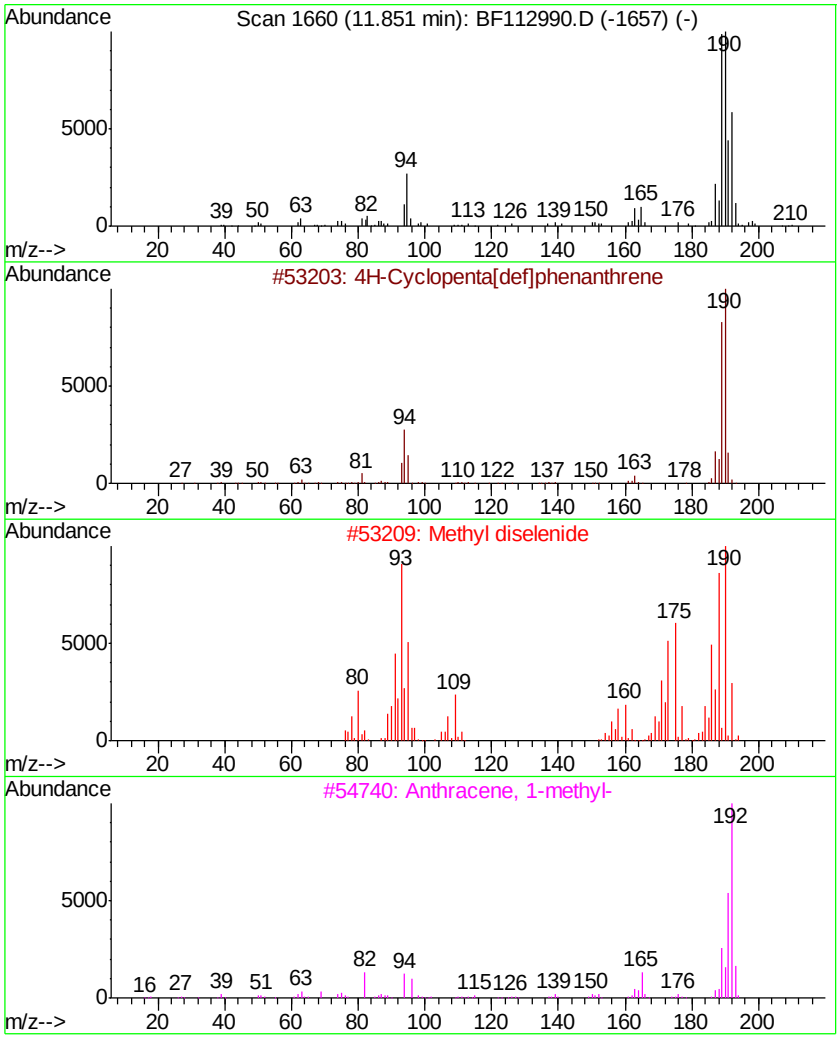
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

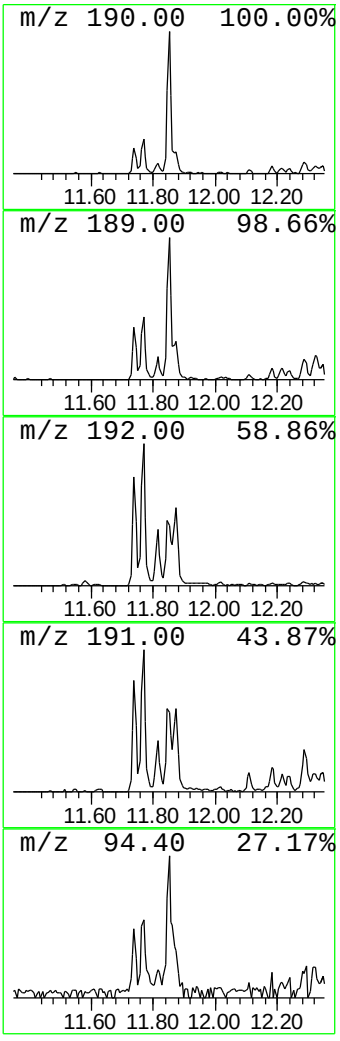
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.55 ng	201562	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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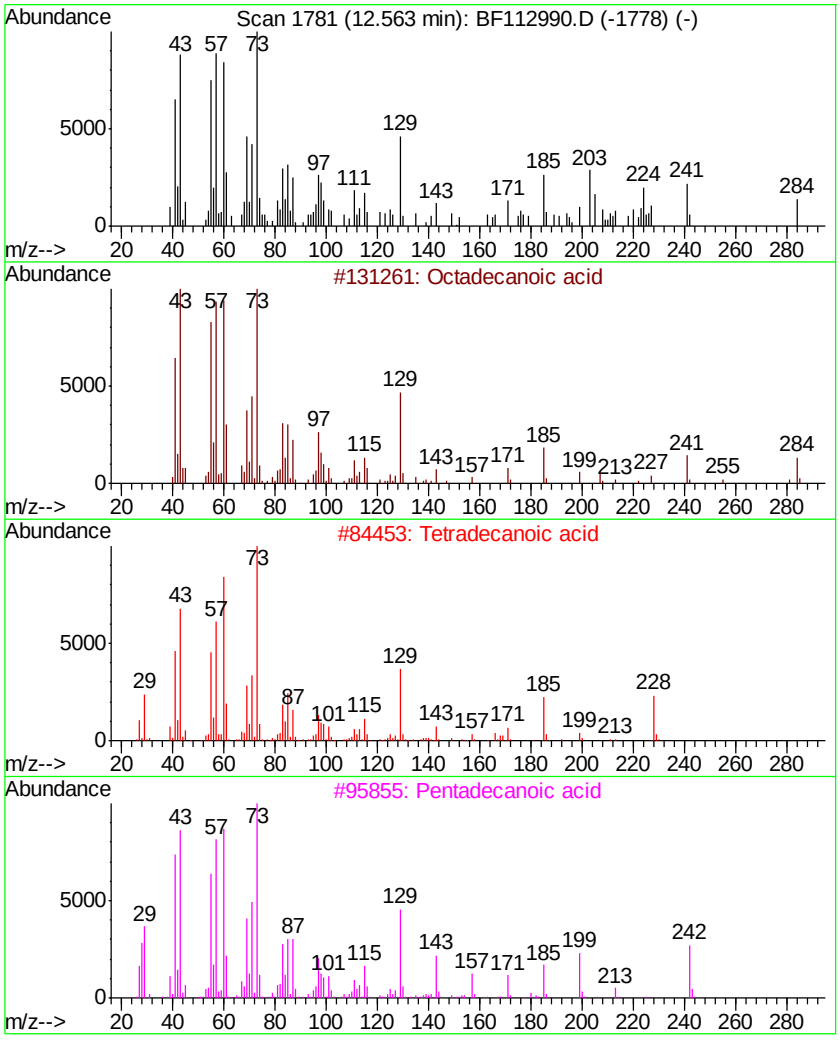
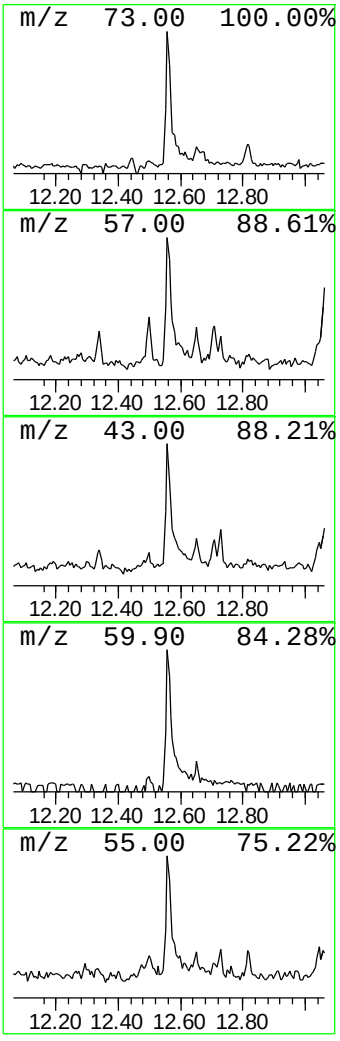
Peak Number 6 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.11 ng	190041	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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
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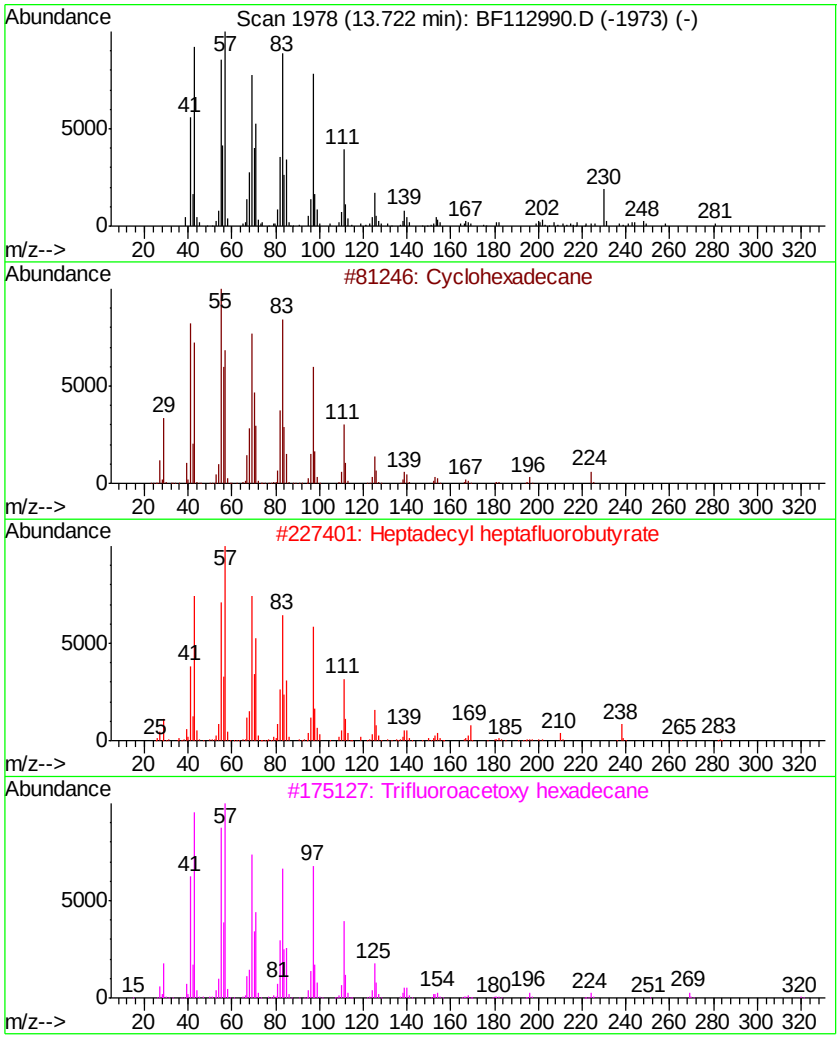
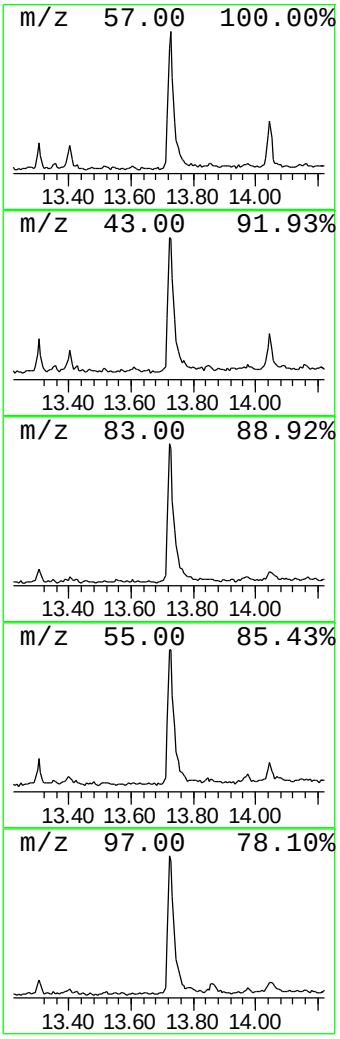
Peak Number 7 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.58 ng	413201	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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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

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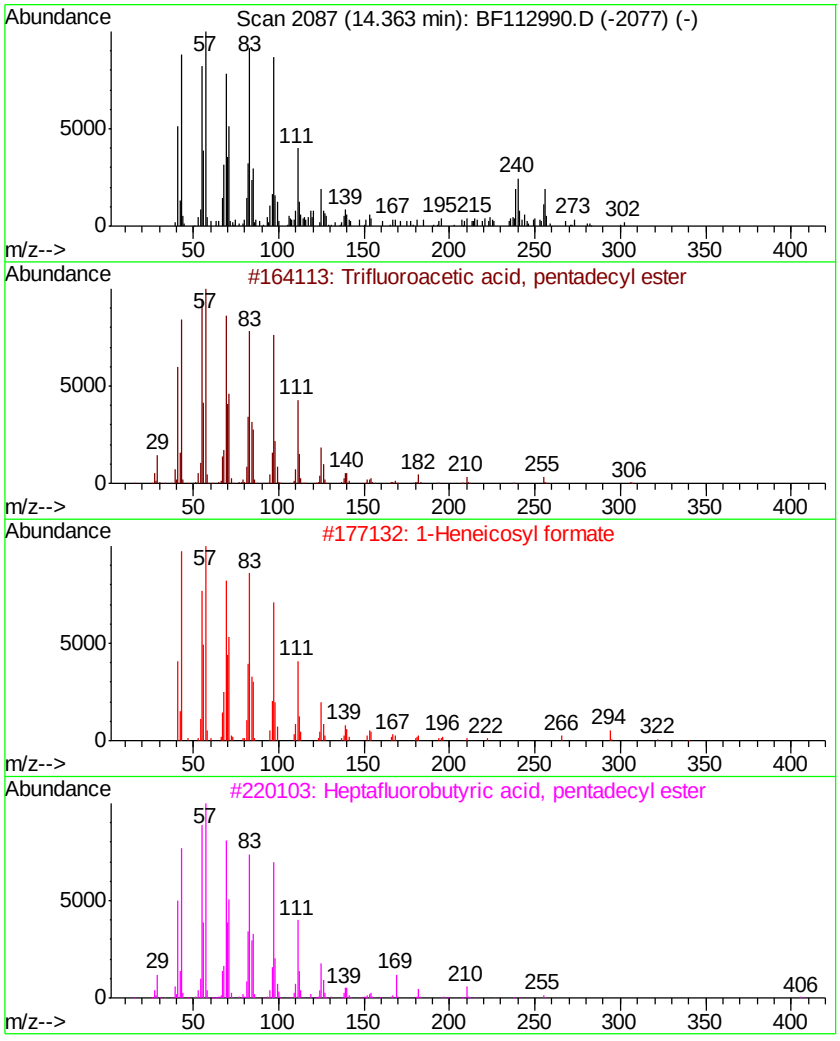
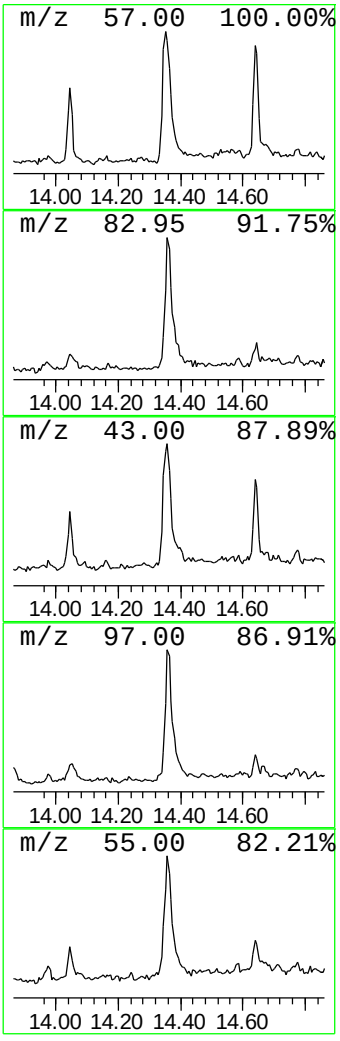
Peak Number 8 Trifluoroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	5.00 ng	450658	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Library Search Compound Report

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Data File : BF112990.D
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Misc :
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Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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

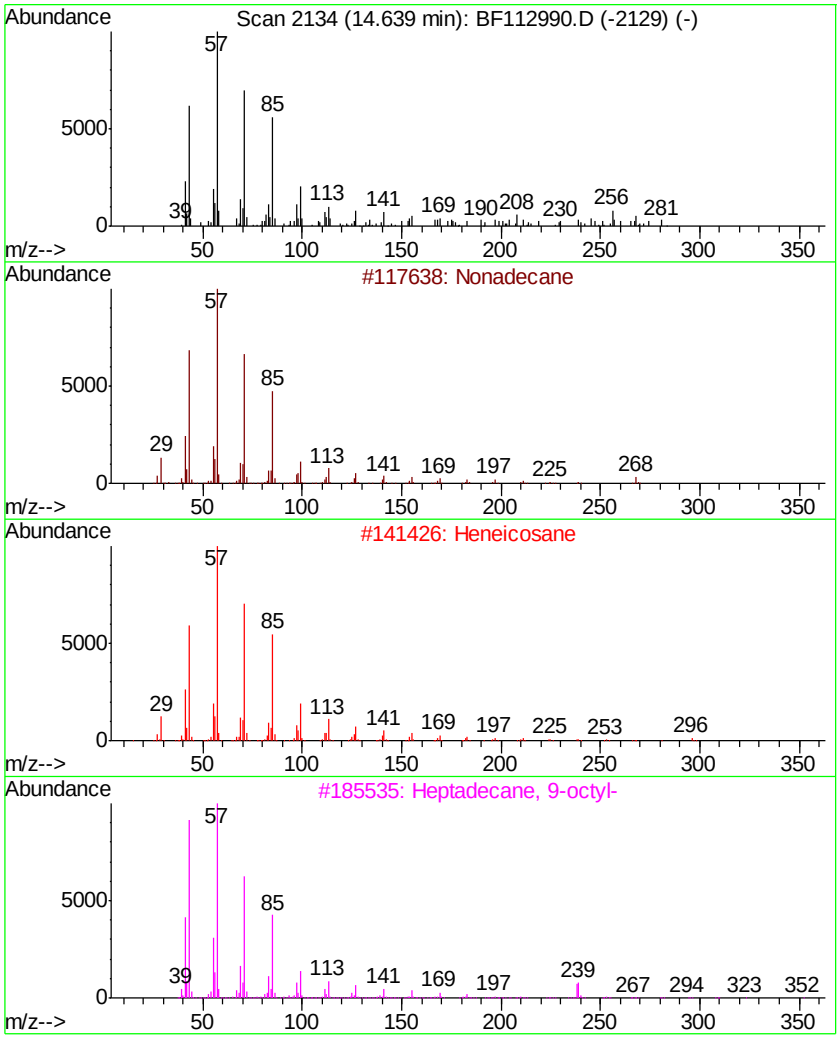
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

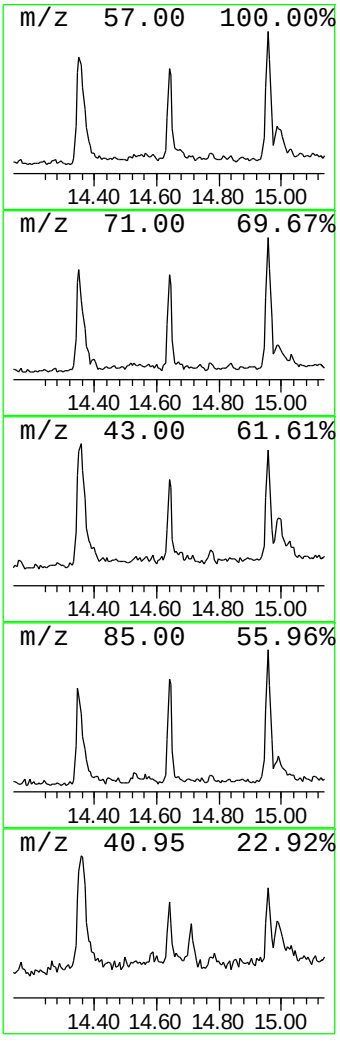
****

Peak Number 9 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.52 ng	135867	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Triacontane	422	C30H62	000638-68-6	83





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Data File : BF112990.D
Acq On : 12 Mar 2019 8:01
Operator : JU/SJ
Sample : K1817-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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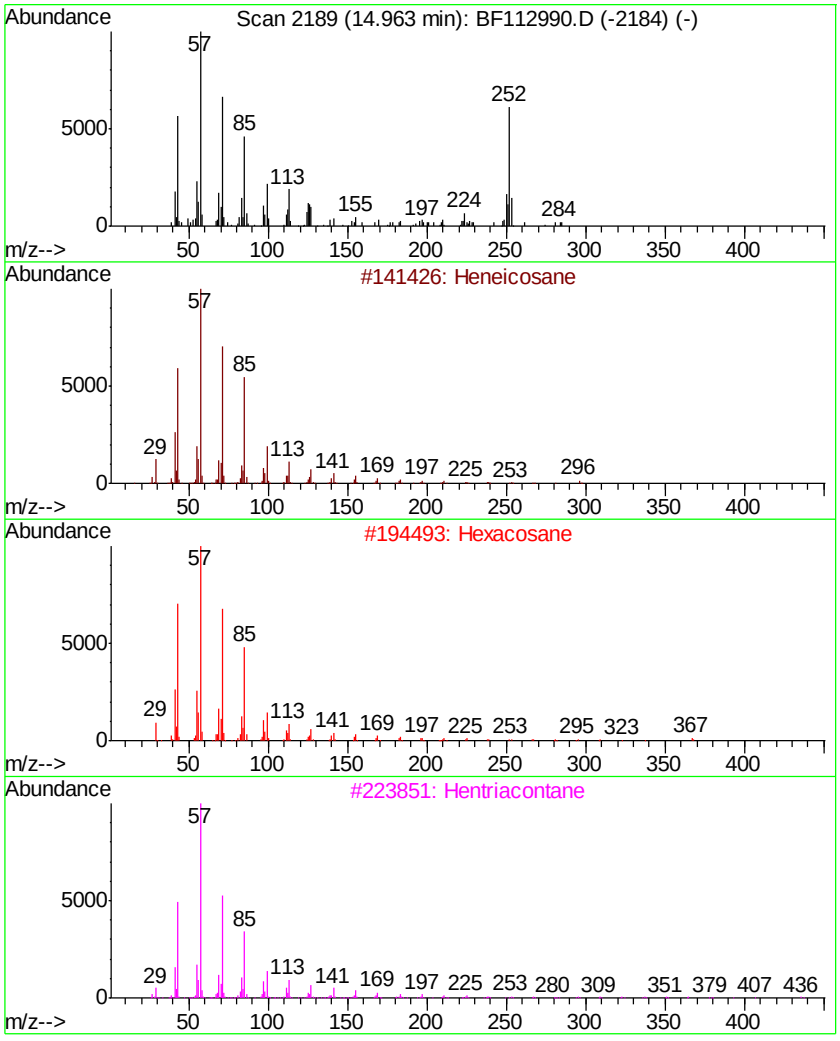
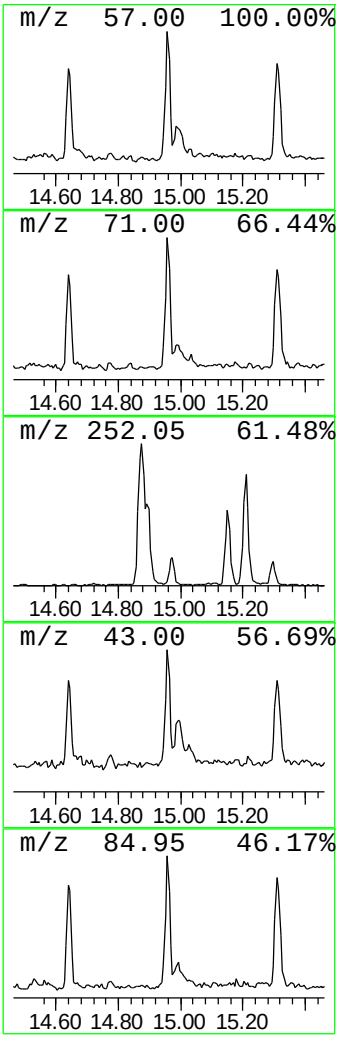
Peak Number 10 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.02 ng	162477	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Octacosane	394	C28H58	000630-02-4	87





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Data File : BF112990.D
Acq On : 12 Mar 2019 8:01
Operator : JU/SJ
Sample : K1817-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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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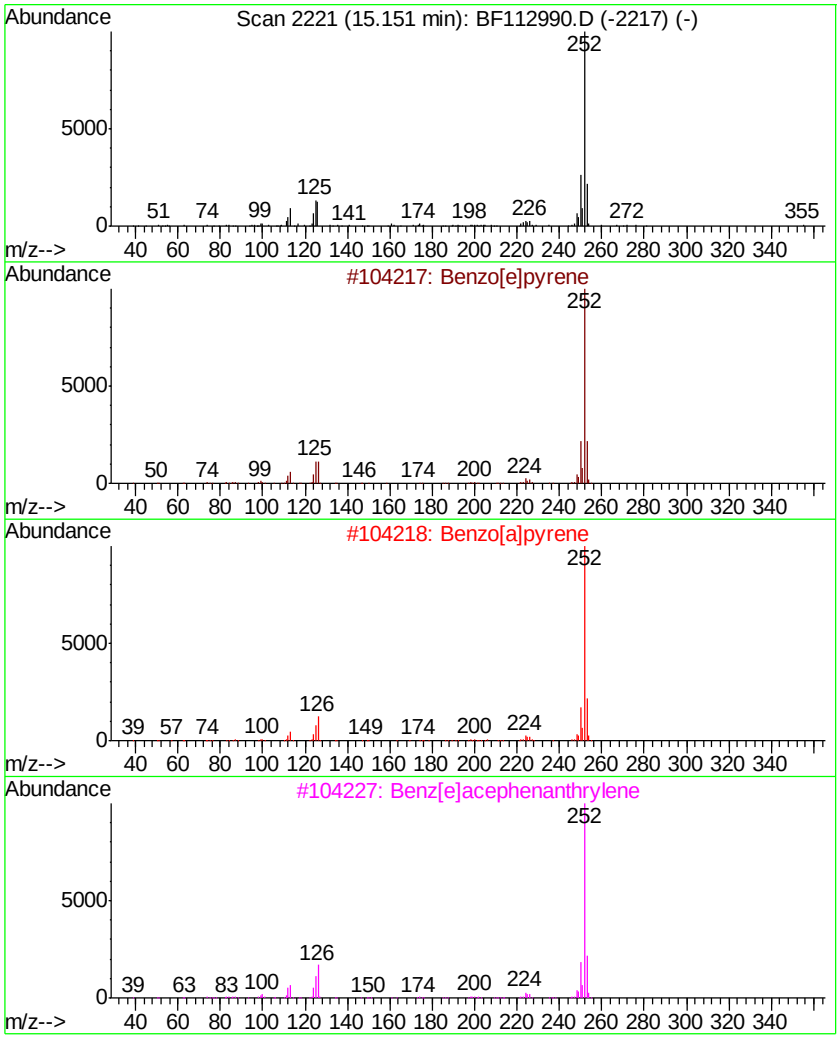
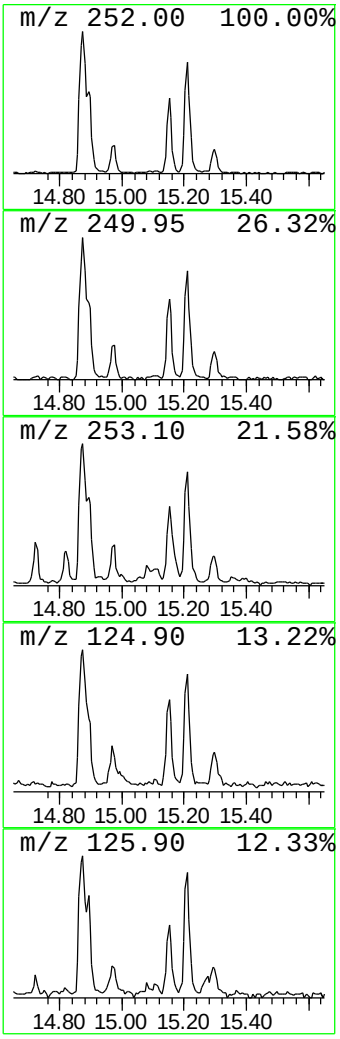
Peak Number 11 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	3.39 ng	182493	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112990.D
Acq On : 12 Mar 2019 8:01
Operator : JU/SJ
Sample : K1817-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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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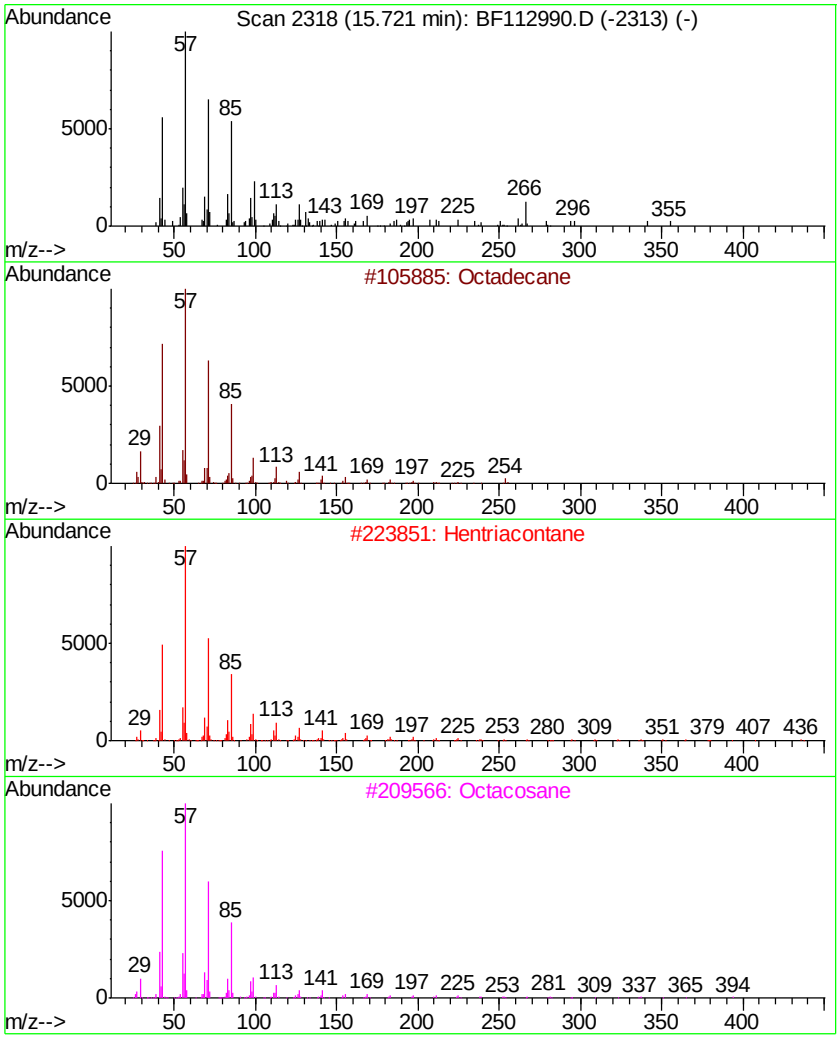
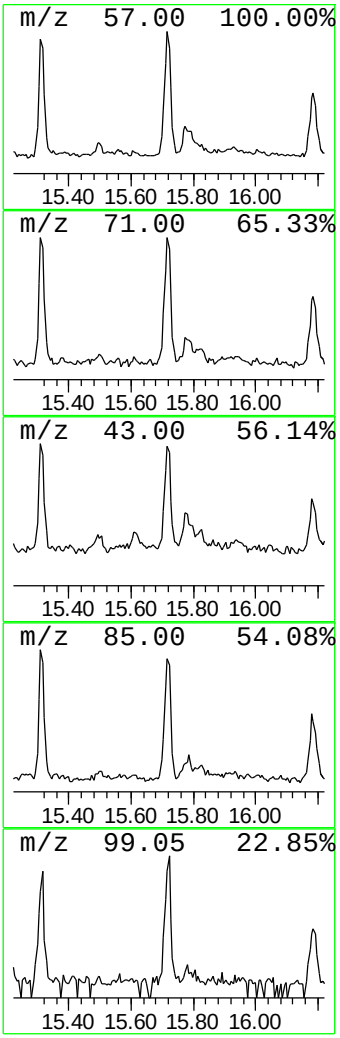
Peak Number 12 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.08 ng	112118	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112990.D
Acq On : 12 Mar 2019 8:01
Operator : JU/SJ
Sample : K1817-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW007-030719

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	66.7	ng	3240490	1	6.73	972140	20.0
n-Hexadecanoic acid	11.77	6.6	ng	519726	4	11.24	1579770	20.0
4H-Cyclopenta[def...	11.85	2.5	ng	201562	4	11.24	1579770	20.0
Octadecanoic acid	12.56	2.1	ng	190041	5	13.86	1803300	20.0
Cyclohexadecane	13.72	4.6	ng	413201	5	13.86	1803300	20.0
Trifluoroacetic a...	14.36	5.0	ng	450658	5	13.86	1803300	20.0
Nonadecane	14.64	2.5	ng	135867	6	15.27	1076530	20.0
Heneicosane	14.96	3.0	ng	162477	6	15.27	1076530	20.0
Benzo[e]pyrene	15.15	3.4	ng	182493	6	15.27	1076530	20.0
Octadecane	15.72	2.1	ng	112118	6	15.27	1076530	20.0