LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113598.D
Acq On : 4 Apr 2019 22:32
Operator : JU/SJ
Sample : K2221-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

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-BF040319.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	5.292	541	545	569	rBV	2592865	2664382	65.01%	6.214%
2	6.328	717	721	738	rBV	2660970	2911026	71.02%	6.789%
3	6.451	738	742	749	rVV	3021199	2843114	69.37%	6.630%
4	6.681	777	781	790	rBV	927172	814006	19.86%	1.898%
5	6.833	803	807	824	rBV	2452796	2274265	55.49%	5.304%
6	7.245	873	877	891	rBV	1992331	1855700	45.28%	4.328%
7	7.963	995	999	1010	rBV	1058202	1079439	26.34%	2.517%
8	9.033	1177	1181	1192	rBV	3672799	3560289	86.86%	8.303%
9	9.427	1245	1248	1256	rBV	349391	313949	7.66%	0.732%
10	9.710	1292	1296	1300	rBV	1399336	1247686	30.44%	2.910%
11	10.498	1426	1430	1440	rBV	2325772	2244875	54.77%	5.235%
12	10.633	1448	1453	1458	rVB5	33447	55529	1.35%	0.129%
13	11.186	1543	1547	1550	rBV	1635008	1411298	34.43%	3.291%
14	11.210	1550	1551	1555	rVV	323899	207885	5.07%	0.485%
15	11.263	1555	1560	1564	rVB	117056	124865	3.05%	0.291%
16	11.427	1584	1588	1595	rBV2	33285	56206	1.37%	0.131%
17	11.686	1629	1632	1635	rBV	81075	76528	1.87%	0.178%
18	11.721	1635	1638	1644	rVV3	294477	375636	9.16%	0.876%
19	11.763	1644	1645	1648	rVV	74259	72008	1.76%	0.168%
20	11.798	1648	1651	1653	rVV	161246	165373	4.03%	0.386%
21	11.821	1653	1655	1661	rVB	80451	79392	1.94%	0.185%
22	11.980	1679	1682	1685	rBV	71826	61589	1.50%	0.144%
23	12.015	1685	1688	1693	rVB	74253	71916	1.75%	0.168%
24	12.133	1702	1708	1711	rBV2	41644	54103	1.32%	0.126%
25	12.233	1720	1725	1728	rBV	87655	100699	2.46%	0.235%
26	12.274	1728	1732	1737	rVV5	67410	109361	2.67%	0.255%
27	12.327	1737	1741	1744	rVV2	88452	94557	2.31%	0.221%
28	12.398	1749	1753	1756	rBV	1721416	1540636	37.59%	3.593%
29	12.463	1762	1764	1767	rVB	73135	60574	1.48%	0.141%
30	12.504	1767	1771	1775	rBV4	69183	106335	2.59%	0.248%
31	12.545	1775	1778	1781	rVV2	85027	108142	2.64%	0.252%
32	12.586	1781	1785	1786	rVV	189708	180538	4.40%	0.421%
33	12.621	1786	1791	1794	rVV	1511532	1532598	37.39%	3.574%
34	12.645	1794	1795	1798	rVV	64817	55342	1.35%	0.129%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.680	1798	1801	1805	rVB2	68857	90034	2.20%	0.210%
36	12.768	1807	1816	1819	rBV	3938537	4098682	100.00%	9.559%
37	12.792	1819	1820	1824	rVB	254974	157840	3.85%	0.368%
38	12.845	1824	1829	1833	rBV2	87209	138681	3.38%	0.323%
39	12.951	1844	1847	1851	rVB	294056	301432	7.35%	0.703%
40	13.015	1851	1858	1861	rBV	311128	330163	8.06%	0.770%
41	13.057	1861	1865	1872	rVB2	180395	257587	6.28%	0.601%
42	13.145	1877	1880	1883	rBV	94671	80604	1.97%	0.188%
43	13.180	1883	1886	1889	rBV	86320	92816	2.26%	0.216%
44	13.310	1904	1908	1910	rBV	78022	84486	2.06%	0.197%
45	13.433	1926	1929	1931	rBV2	43248	48248	1.18%	0.113%
46	13.462	1931	1934	1938	rVB	106406	104872	2.56%	0.245%
47	13.568	1947	1952	1954	rBV	195150	214877	5.24%	0.501%
48	13.592	1954	1956	1958	rVB	95865	72487	1.77%	0.169%
49	13.615	1958	1960	1962	rBV	71894	69520	1.70%	0.162%
50	13.668	1967	1969	1972	rBV	127776	133111	3.25%	0.310%
51	13.815	1986	1994	1997	rBV2	1504261	2227994	54.36%	5.196%
52	13.839	1997	1998	2002	rVB	742314	600451	14.65%	1.400%
53	13.921	2007	2012	2014	rBV2	102448	100389	2.45%	0.234%
54	13.986	2018	2023	2026	rVV3	116818	141060	3.44%	0.329%
55	14.045	2029	2033	2038	rVB3	52133	78176	1.91%	0.182%
56	14.168	2051	2054	2056	rBV2	50157	57422	1.40%	0.134%
57	14.204	2056	2060	2063	rVV	123078	146018	3.56%	0.341%
58	14.233	2063	2065	2067	rVV	61966	62444	1.52%	0.146%
59	14.286	2071	2074	2078	rVV2	175853	182441	4.45%	0.425%
60	14.327	2078	2081	2083	rVV2	60093	74329	1.81%	0.173%
61	14.345	2083	2084	2087	rVB	59593	42609	1.04%	0.099%
62	14.439	2098	2100	2104	rVB2	49014	46600	1.14%	0.109%
63	14.515	2111	2113	2118	rBV2	43604	59300	1.45%	0.138%
64	14.580	2121	2124	2133	rVB	206413	214587	5.24%	0.500%
65	14.680	2138	2141	2144	rBV2	57408	59127	1.44%	0.138%
66	14.821	2161	2165	2173	rBV	484165	866127	21.13%	2.020%
67	14.886	2173	2176	2180	rVB2	197417	216993	5.29%	0.506%
68	14.927	2180	2183	2186	rBV	59777	65792	1.61%	0.153%
69	15.004	2193	2196	2201	rBV3	27349	46005	1.12%	0.107%
70	15.098	2209	2212	2218	rVB	258827	315698	7.70%	0.736%
71	15.156	2218	2222	2226	rVV2	267865	299661	7.31%	0.699%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.215	2227	2232	2248	rVB	876308	1319214	32.19%	3.077%
73	15.621	2297	2301	2306	rVB	127133	186899	4.56%	0.436%
74	16.074	2373	2378	2385	rVB3	70404	123737	3.02%	0.289%
75	16.562	2455	2461	2466	rBV2	158234	304295	7.42%	0.710%
76	16.715	2483	2487	2493	rBV	30157	62164	1.52%	0.145%
77	16.962	2524	2529	2541	rVB	93220	194767	4.75%	0.454%

Sum of corrected areas: 42879580

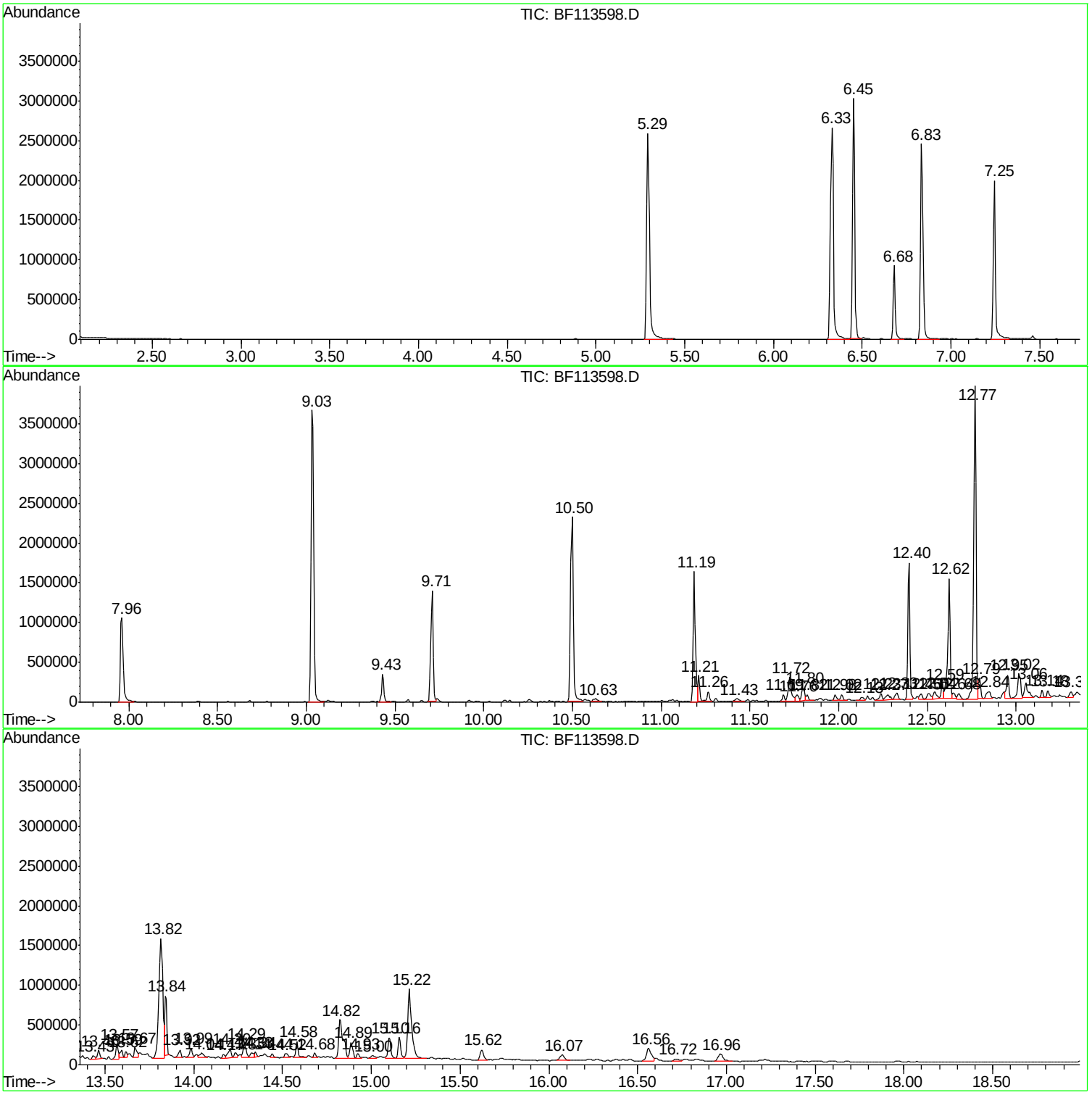
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113598.D
Acq On : 4 Apr 2019 22:32
Operator : JU/SJ
Sample : K2221-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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\BF040419\
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Operator : JU/SJ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

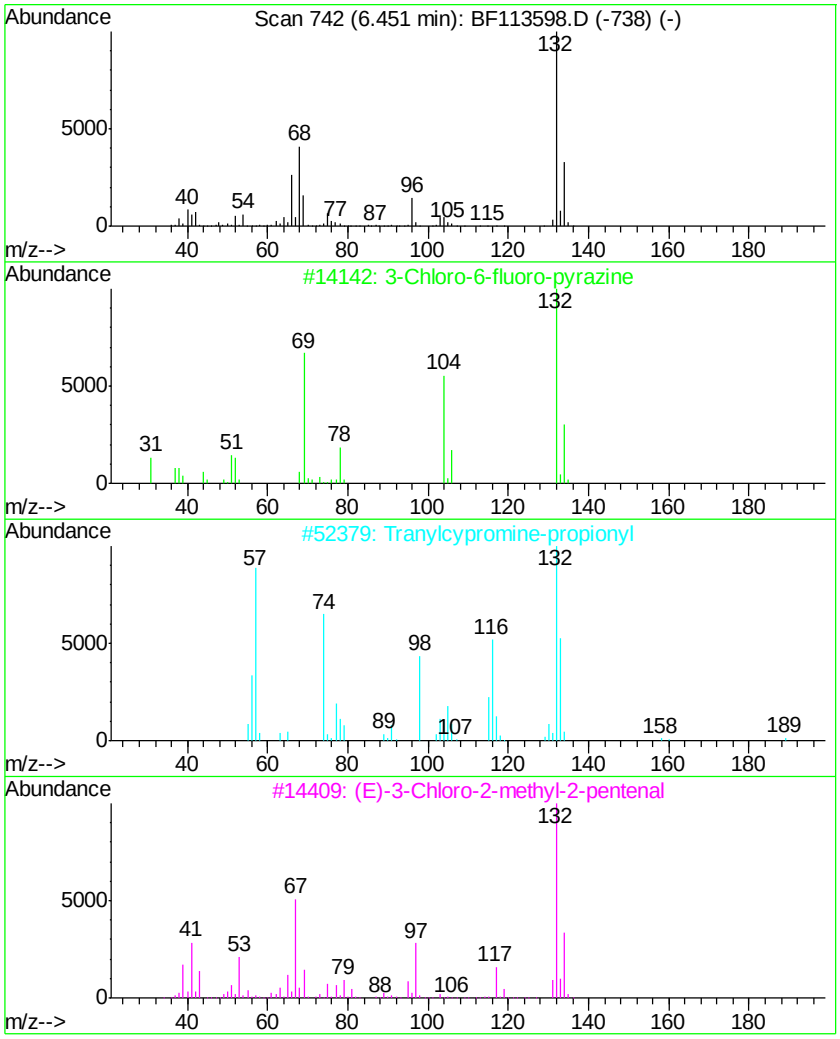
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

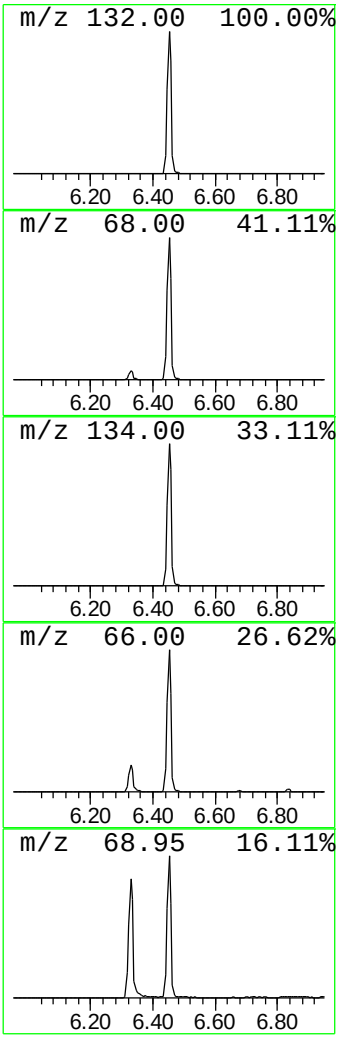
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	69.85 ng	2843110	1,4-Dichlorobenzene-d4	6.68

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Misc :
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Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

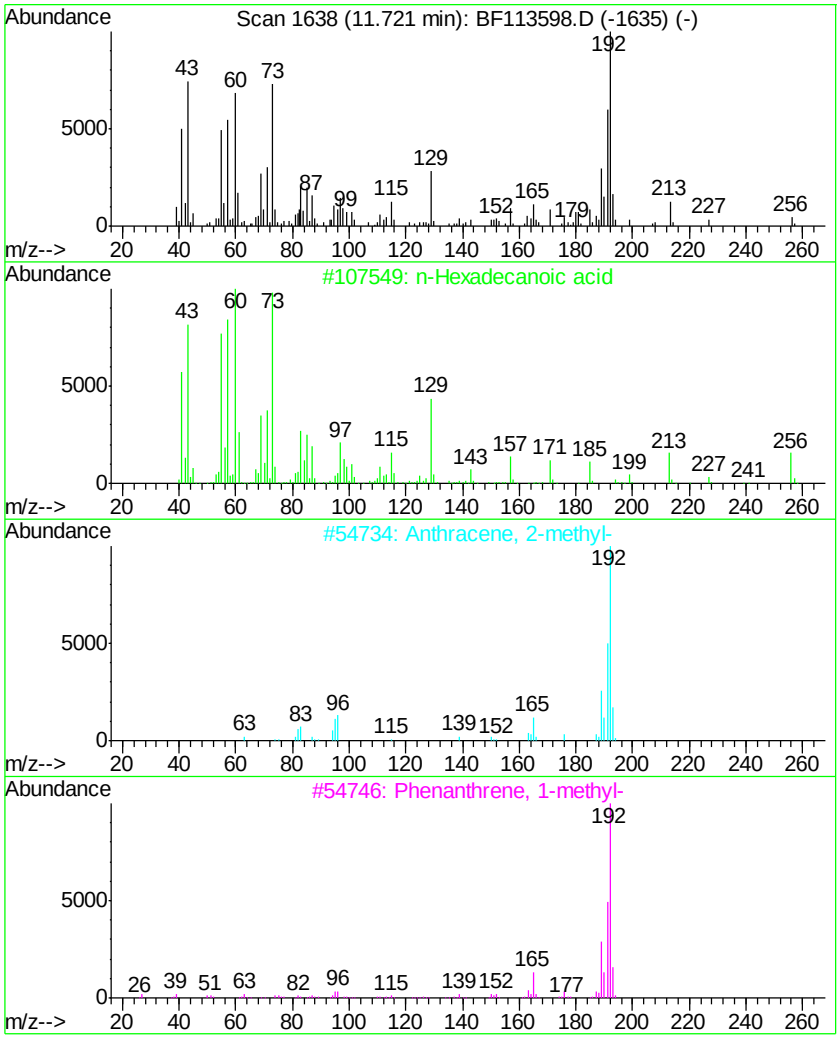
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

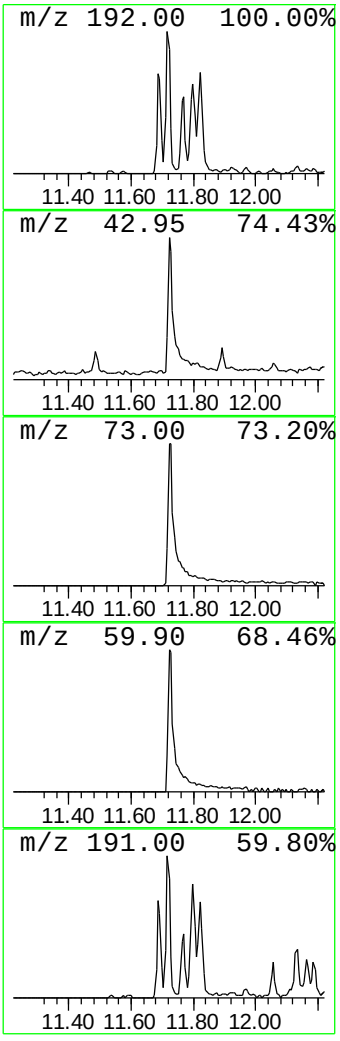
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	5.32 ng	375636	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	84





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
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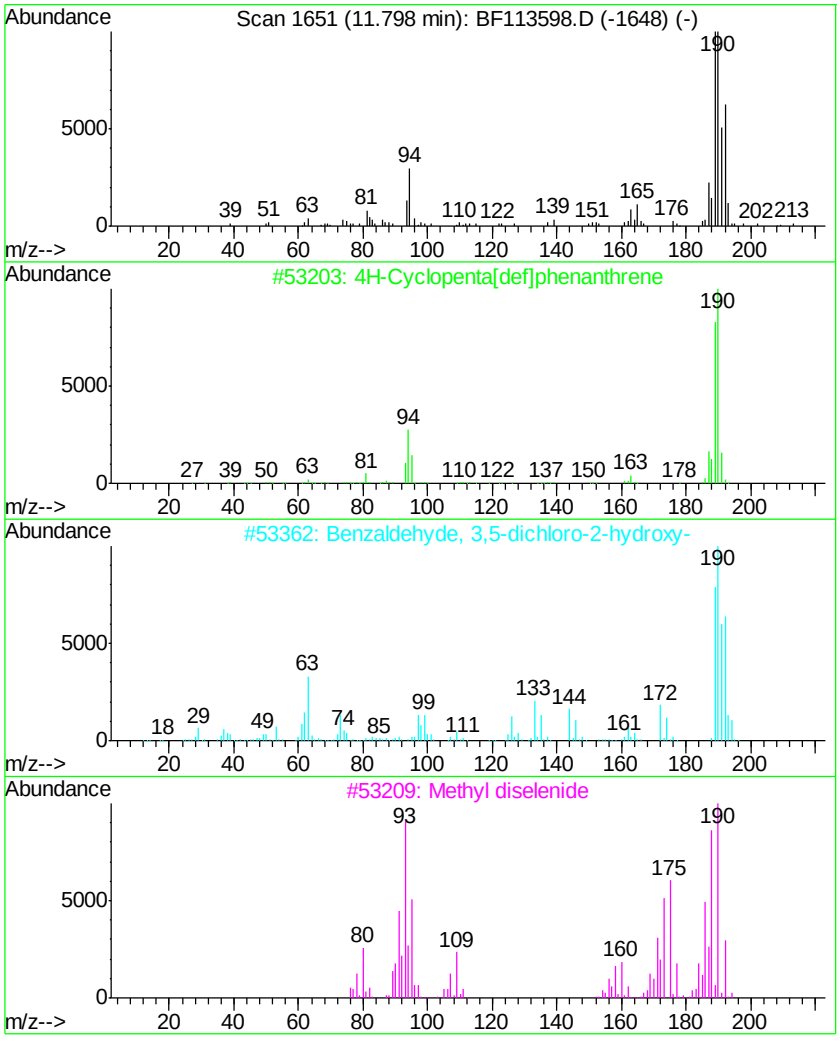
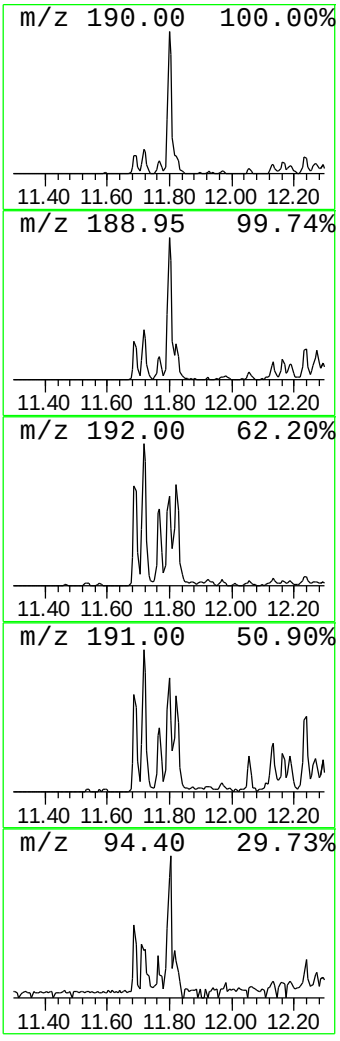
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.34 ng	165373	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	49
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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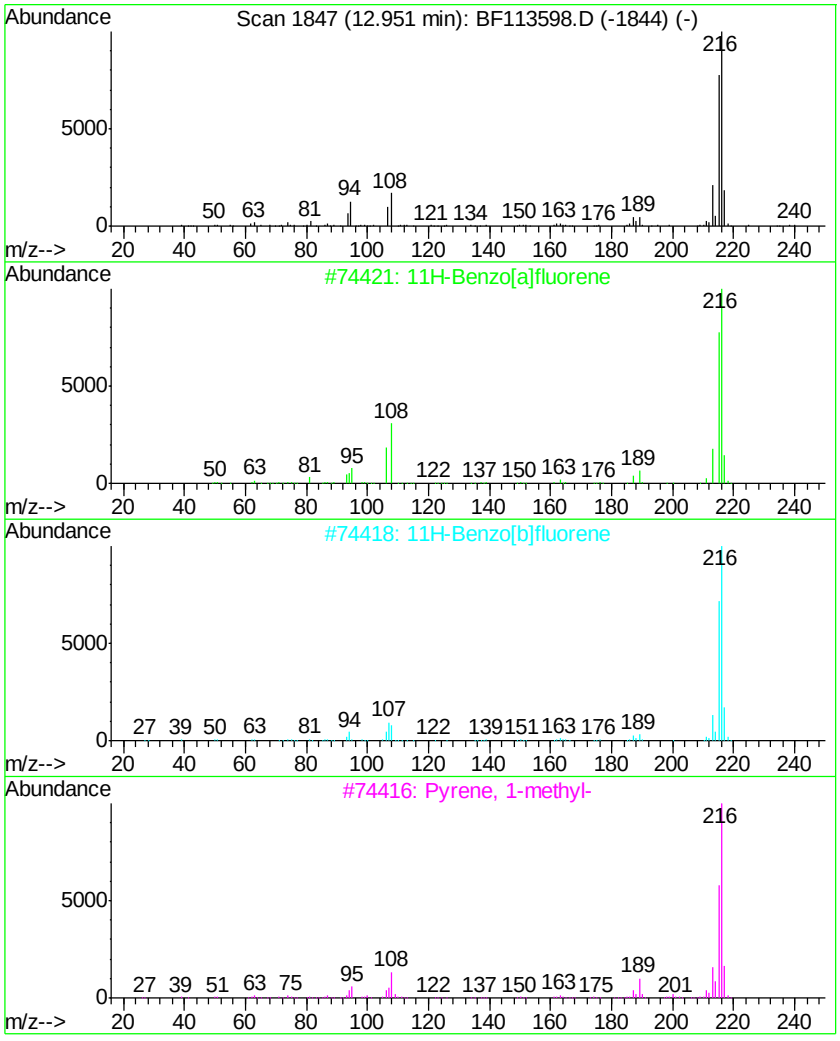
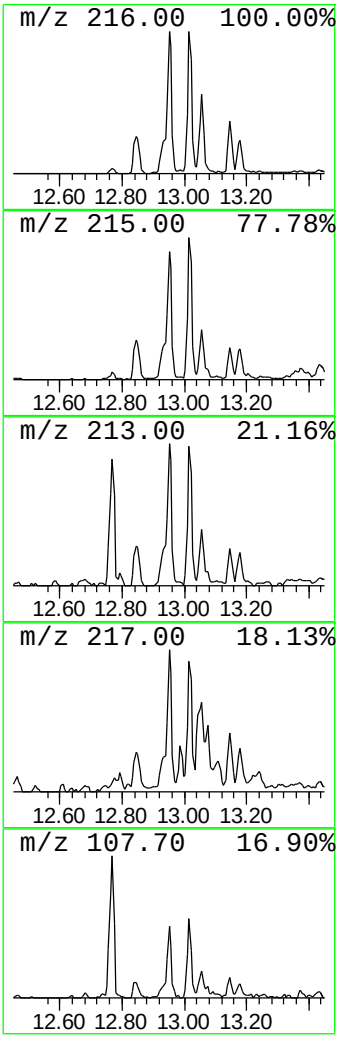
Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.71 ng	301432	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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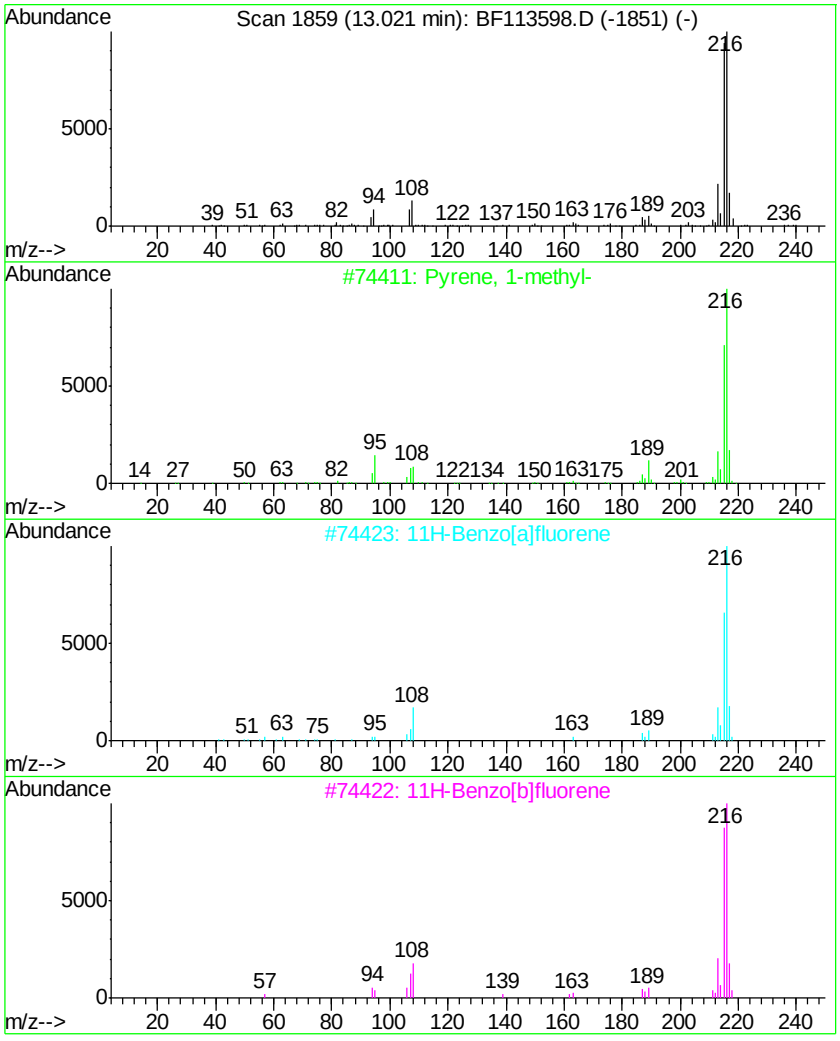
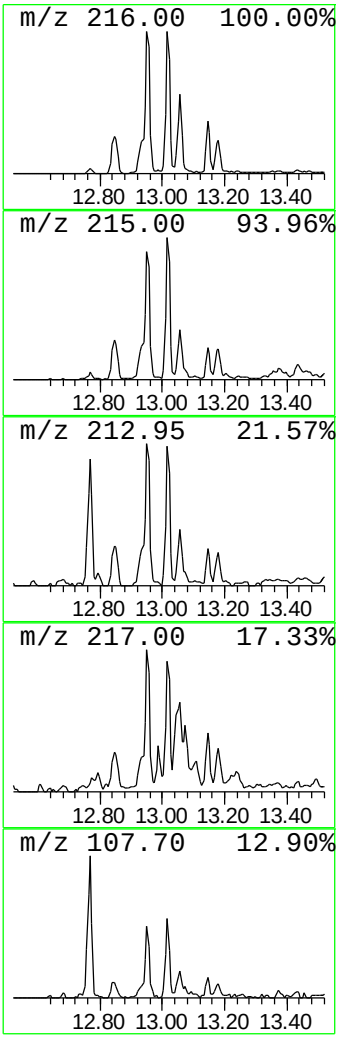
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.96 ng	330163	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Operator : JU/SJ
Sample : K2221-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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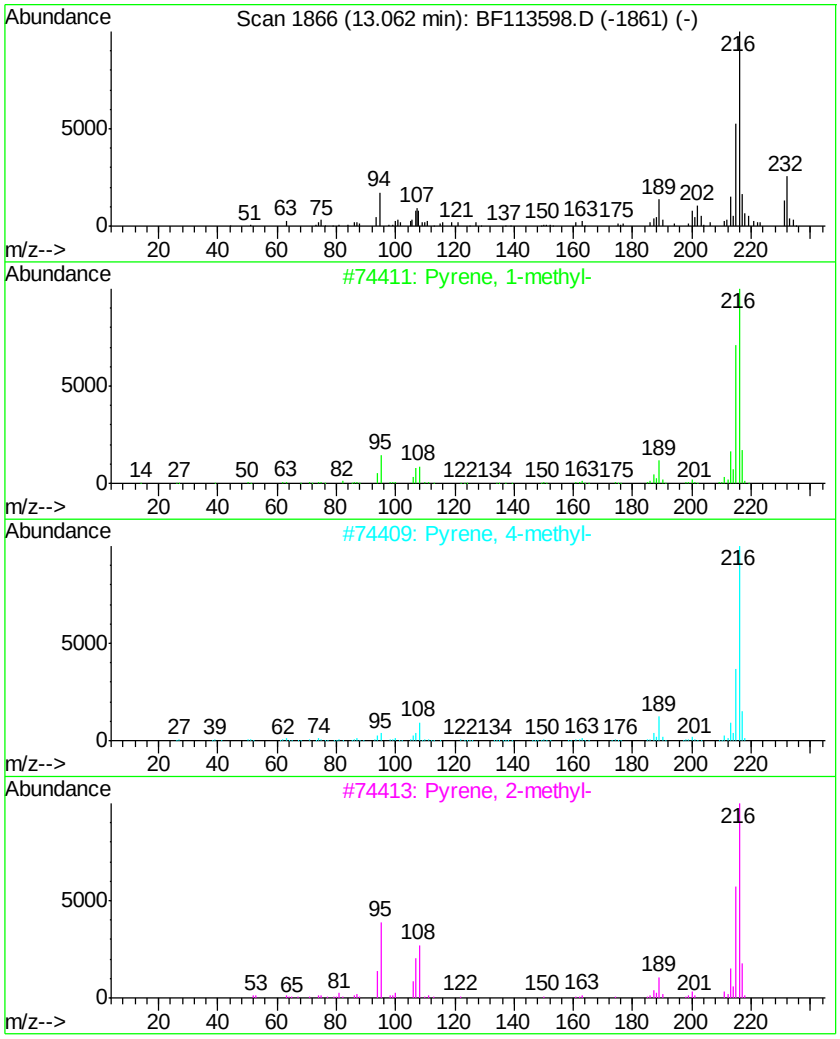
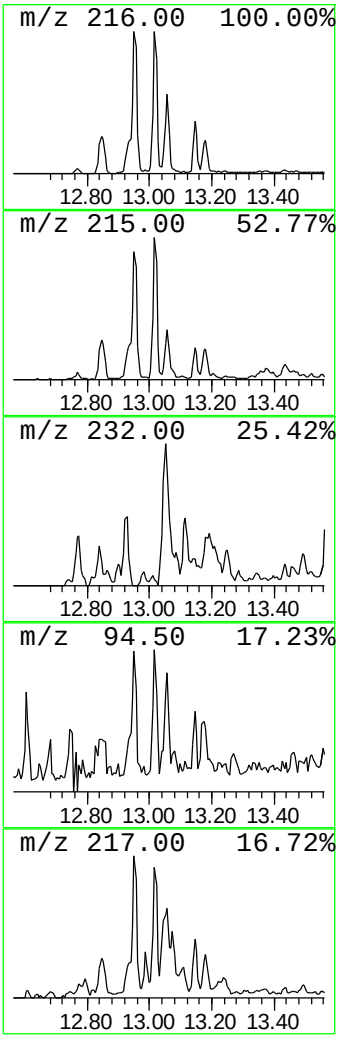
Peak Number 7 Pyrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.31 ng	257587	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113598.D
Acq On : 4 Apr 2019 22:32
Operator : JU/SJ
Sample : K2221-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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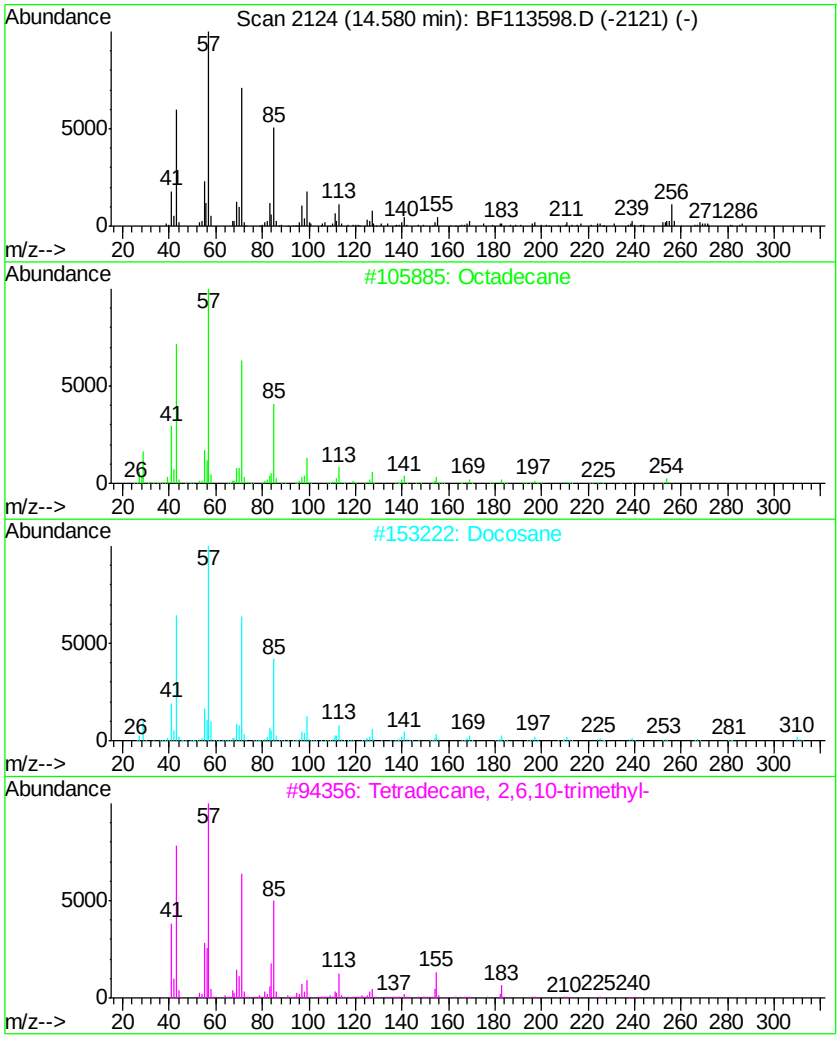
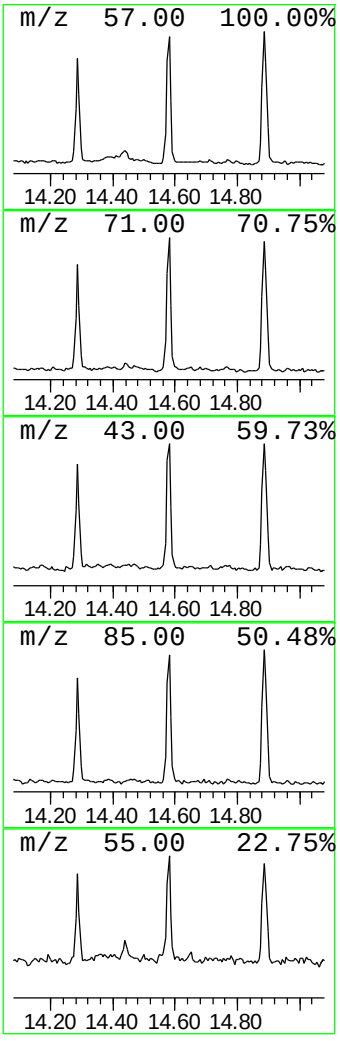
Peak Number 8 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.25 ng	214587	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Docosane	310	C22H46	000629-97-0	83
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
4	Triacontane	422	C30H62	000638-68-6	80
5	Tetratetracontane	619	C44H90	007098-22-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113598.D
Acq On : 4 Apr 2019 22:32
Operator : JU/SJ
Sample : K2221-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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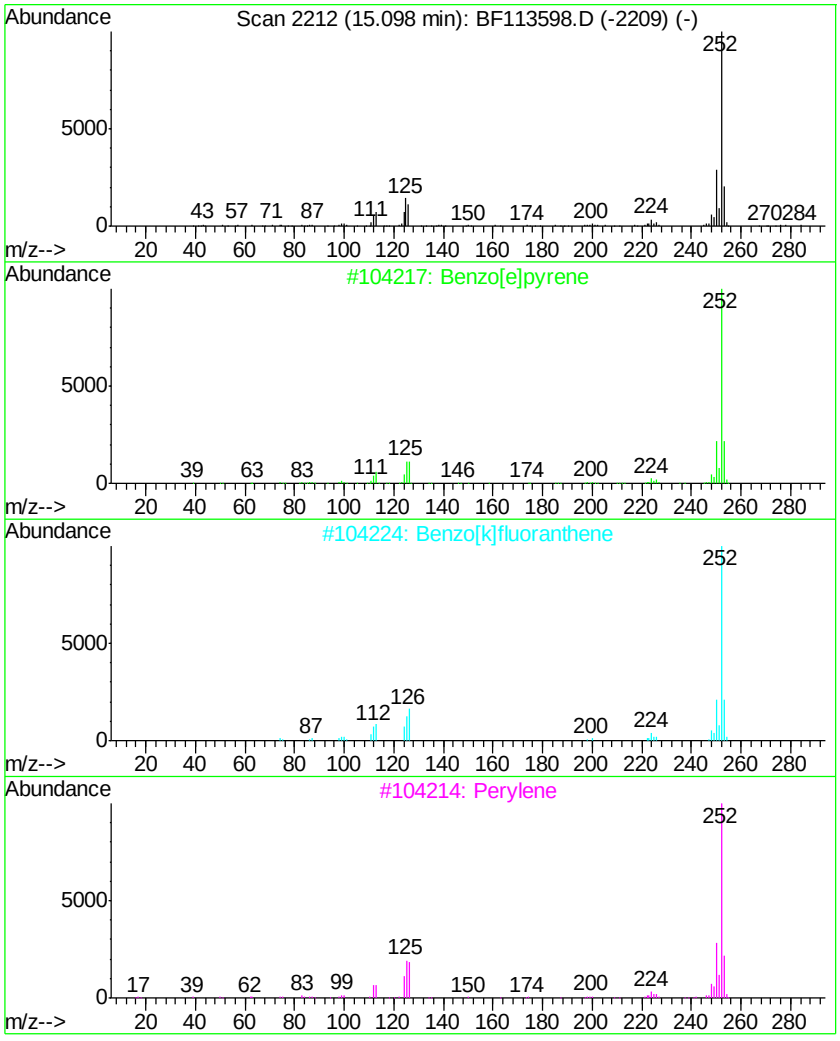
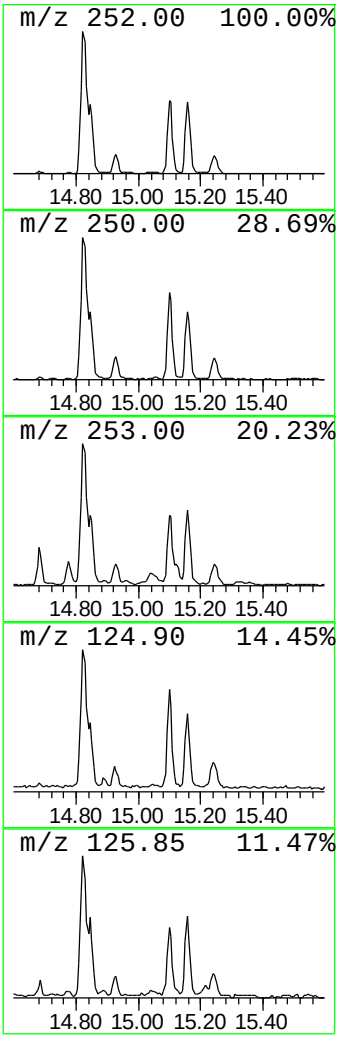
Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.79 ng	315698	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	97
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113598.D
Acq On : 4 Apr 2019 22:32
Operator : JU/SJ
Sample : K2221-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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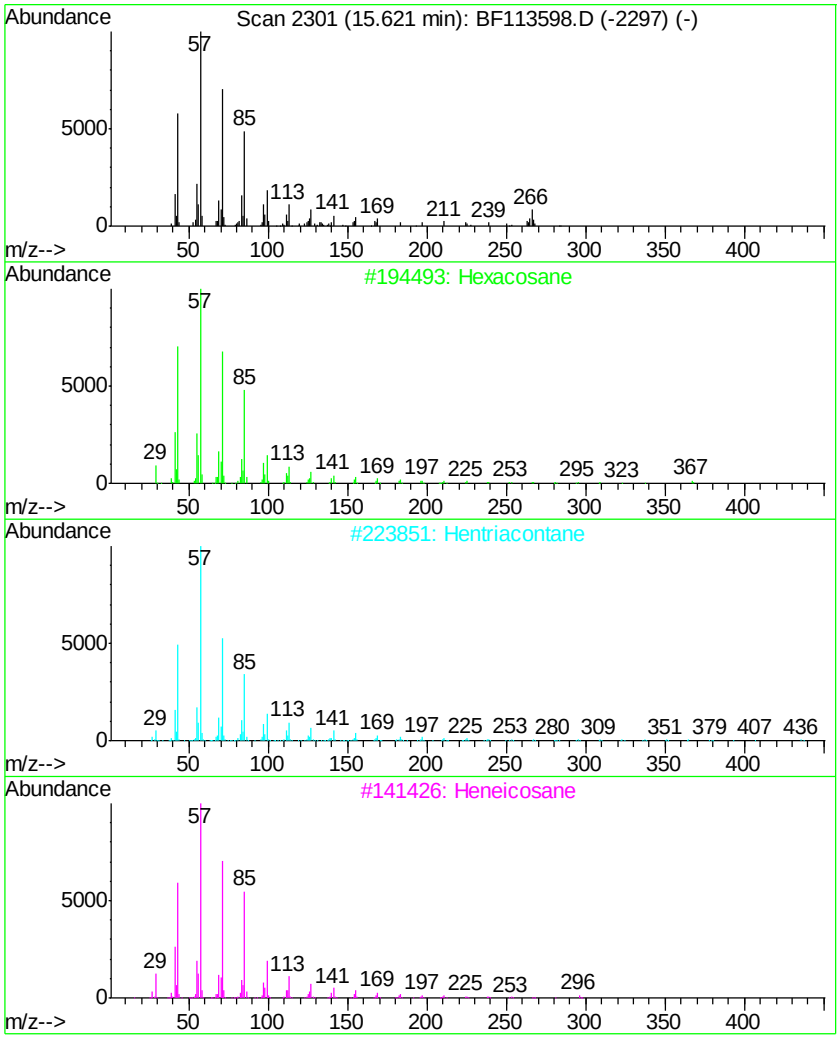
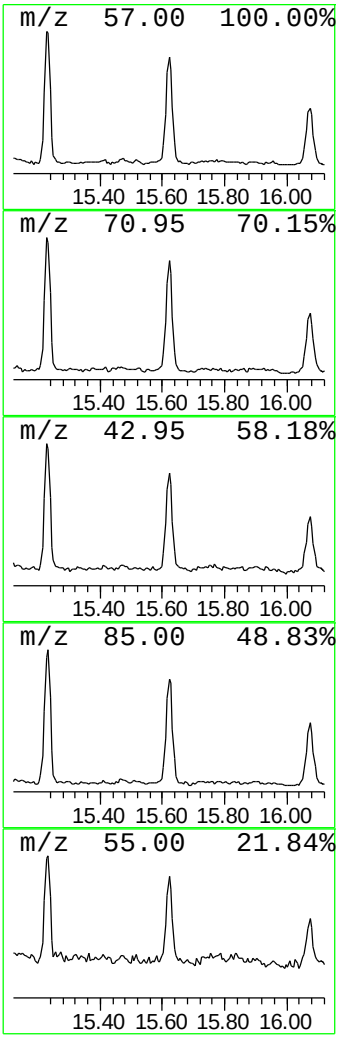
Peak Number 10 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	2.83 ng	186899	Perylene-d12	15.22

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113598.D
Acq On : 4 Apr 2019 22:32
Operator : JU/SJ
Sample : K2221-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	69.8	ng	2843110	1	6.68	814006	20.0
n-Hexadecanoic acid	11.72	5.3	ng	375636	4	11.19	1411300	20.0
4H-Cyclopenta[def...	11.80	2.3	ng	165373	4	11.19	1411300	20.0
11H-Benzo[a]fluorene	12.95	2.7	ng	301432	5	13.82	2227990	20.0
Pyrene, 1-methyl-	13.02	3.0	ng	330163	5	13.82	2227990	20.0
Pyrene, 4-methyl-	13.06	2.3	ng	257587	5	13.82	2227990	20.0
Octadecane	14.58	3.3	ng	214587	6	15.22	1319210	20.0
Benzo[e]pyrene	15.10	4.8	ng	315698	6	15.22	1319210	20.0
Hexacosane	15.62	2.8	ng	186899	6	15.22	1319210	20.0