LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113668.D
Acq On : 9 Apr 2019 18:30
Operator : JU/SJ
Sample : K2334-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-6(0-10)

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	5.293	541	545	574	rBV	2175654	2482499	94.15%	7.666%
2	6.334	717	722	738	rBV	2322834	2612944	99.10%	8.068%
3	6.451	738	742	766	rVB	2766502	2636732	100.00%	8.142%
4	6.675	777	780	792	rVB	701062	692890	26.28%	2.140%
5	6.834	803	807	824	rBV	2238052	1982624	75.19%	6.122%
6	7.245	873	877	893	rBV	1648729	1649280	62.55%	5.093%
7	7.963	995	999	1017	rBV	806679	917533	34.80%	2.833%
8	9.034	1177	1181	1192	rBV	2988113	2595097	98.42%	8.013%
9	9.428	1245	1248	1257	rVB	286294	285242	10.82%	0.881%
10	9.710	1292	1296	1309	rVB	1120882	994346	37.71%	3.070%
11	10.498	1426	1430	1443	rBV	1832236	1823425	69.15%	5.631%
12	10.616	1448	1450	1459	rVB4	22844	31256	1.19%	0.097%
13	11.192	1544	1548	1550	rBV	977261	940858	35.68%	2.905%
14	11.216	1550	1552	1559	rVV	207278	210175	7.97%	0.649%
15	11.269	1559	1561	1566	rVB	38303	39157	1.49%	0.121%
16	11.692	1631	1633	1636	rBV	43987	38958	1.48%	0.120%
17	11.727	1636	1639	1645	rVV3	295489	329178	12.48%	1.016%
18	11.804	1649	1652	1654	rVV	75821	80090	3.04%	0.247%
19	11.827	1654	1656	1661	rVB	41612	41688	1.58%	0.129%
20	11.986	1680	1683	1687	rBV	36862	37159	1.41%	0.115%
21	12.239	1723	1726	1729	rBV	49765	49032	1.86%	0.151%
22	12.280	1729	1733	1738	rVB3	41574	49740	1.89%	0.154%
23	12.333	1738	1742	1749	rVB2	41790	57795	2.19%	0.178%
24	12.398	1750	1753	1757	rBV	701533	685261	25.99%	2.116%
25	12.510	1769	1772	1776	rBV3	67228	82306	3.12%	0.254%
26	12.551	1776	1779	1783	rVV	42980	58506	2.22%	0.181%
27	12.627	1786	1792	1798	rVV	709099	789362	29.94%	2.437%
28	12.686	1798	1802	1807	rVB3	36446	59555	2.26%	0.184%
29	12.769	1812	1816	1820	rVV	2267265	2020242	76.62%	6.238%
30	12.798	1820	1821	1825	rVB	46532	33274	1.26%	0.103%
31	12.851	1825	1830	1837	rBV4	60452	108658	4.12%	0.336%
32	12.957	1841	1848	1852	rVB2	62613	131899	5.00%	0.407%
33	13.004	1853	1856	1858	rBV2	46456	39021	1.48%	0.120%
34	13.063	1862	1866	1873	rVB3	90631	123206	4.67%	0.380%

LSC Area Percent Report

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Acq On : 9 Apr 2019 18:30
Operator : JU/SJ
Sample : K2334-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-6(0-10)

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

35	13.157	1879	1882	1884	rBV	51642	47779	1.81%	0.148%
36	13.186	1884	1887	1891	rVV	61200	65875	2.50%	0.203%
37	13.251	1893	1898	1908	rVB	251604	259838	9.85%	0.802%
38	13.345	1910	1914	1917	rBV4	63030	77939	2.96%	0.241%
39	13.474	1933	1936	1939	rVB	113932	101069	3.83%	0.312%
40	13.580	1951	1954	1956	rBV	86763	89244	3.38%	0.276%
41	13.598	1956	1957	1960	rVV	66341	42955	1.63%	0.133%
42	13.627	1960	1962	1964	rVV	53757	53862	2.04%	0.166%
43	13.680	1968	1971	1975	rVB2	123526	132867	5.04%	0.410%
44	13.821	1988	1995	1998	rBV2	1144521	1596807	60.56%	4.931%
45	13.851	1998	2000	2008	rVB	525163	546128	20.71%	1.686%
46	13.986	2020	2023	2027	rBV3	96511	113008	4.29%	0.349%
47	14.174	2053	2055	2057	rBV	34933	32569	1.24%	0.101%
48	14.216	2059	2062	2065	rVV	114771	112710	4.27%	0.348%
49	14.245	2065	2067	2070	rVV	53701	48483	1.84%	0.150%
50	14.292	2072	2075	2080	rVB3	127338	123773	4.69%	0.382%
51	14.333	2080	2082	2085	rBV	44123	53923	2.05%	0.167%
52	14.586	2122	2125	2129	rBV2	116216	108309	4.11%	0.334%
53	14.651	2133	2136	2140	rVB	158730	153009	5.80%	0.472%
54	14.692	2141	2143	2149	rVB	71230	77127	2.93%	0.238%
55	14.839	2164	2168	2171	rBV	562709	821791	31.17%	2.538%
56	14.892	2175	2177	2182	rVB3	128960	158206	6.00%	0.489%
57	14.939	2182	2185	2191	rBV	88621	121394	4.60%	0.375%
58	15.115	2212	2215	2221	rVB	325361	375825	14.25%	1.161%
59	15.174	2221	2225	2231	rBV	425523	514539	19.51%	1.589%
60	15.233	2231	2235	2239	rBV	743419	949176	36.00%	2.931%
61	15.633	2300	2303	2309	rBV3	76137	125172	4.75%	0.387%
62	16.245	2404	2407	2412	rVB3	74869	109007	4.13%	0.337%
63	16.592	2461	2466	2475	rVB	188478	374815	14.22%	1.157%
64	17.004	2531	2536	2546	rVB	144407	288384	10.94%	0.890%

Sum of corrected areas: 32384571

LSC Report - Integrated Chromatogram

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Misc :
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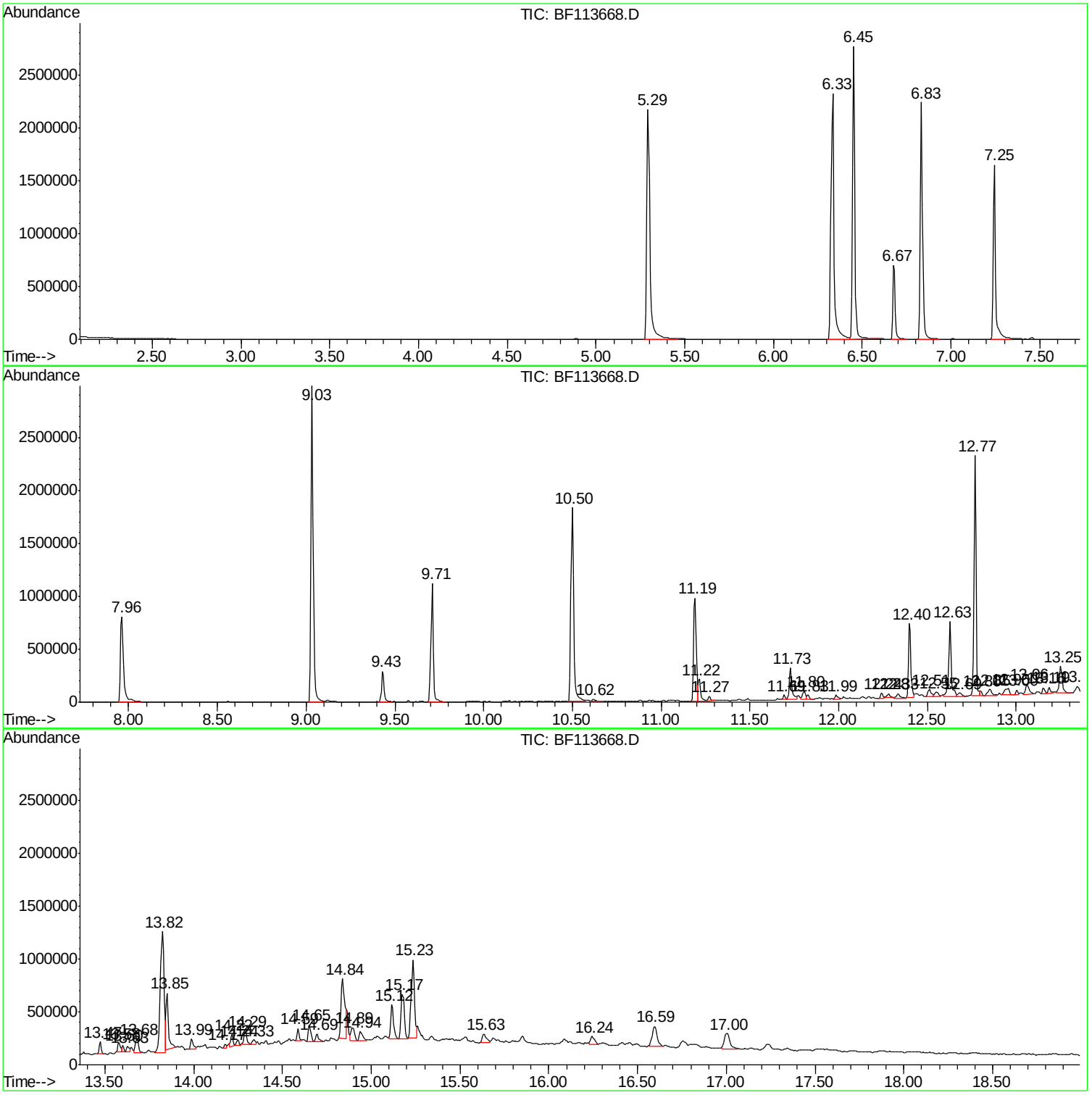
Instrument :
BNA_F
ClientSampleId :
P-6(0-10)

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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Data File : BF113668.D
Acq On : 9 Apr 2019 18:30
Operator : JU/SJ
Sample : K2334-02
Misc :
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Instrument : BNA_F
ClientSampleId : P-6(0-10)

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

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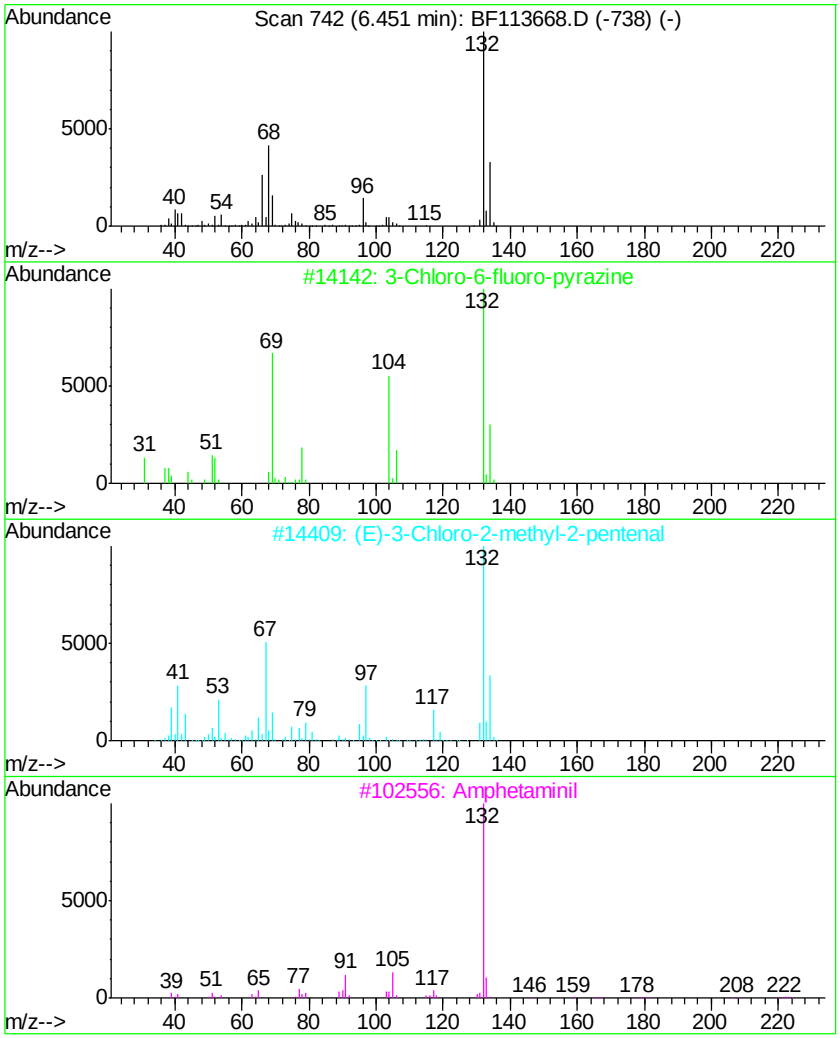
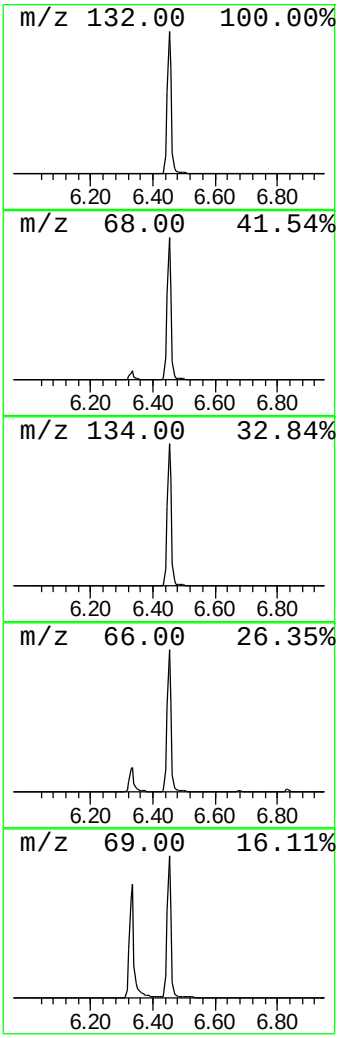
Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	76.11 ng	2636730	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113668.D
Acq On : 9 Apr 2019 18:30
Operator : JU/SJ
Sample : K2334-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-6(0-10)

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

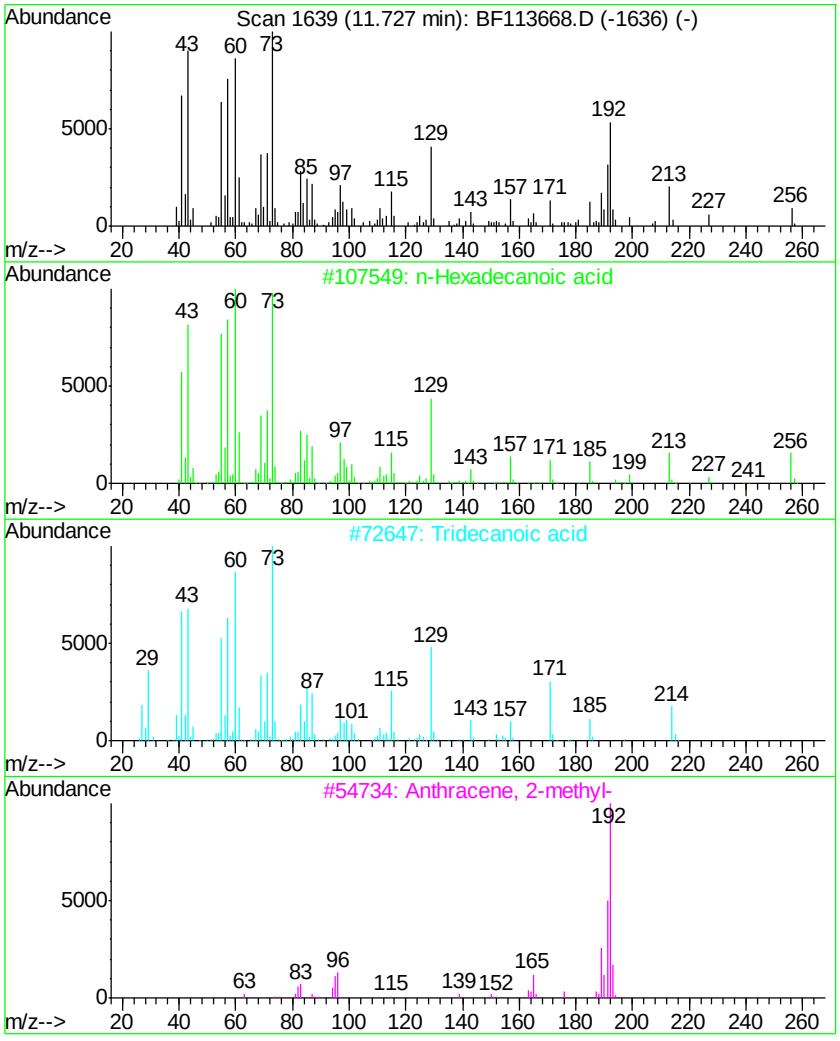
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

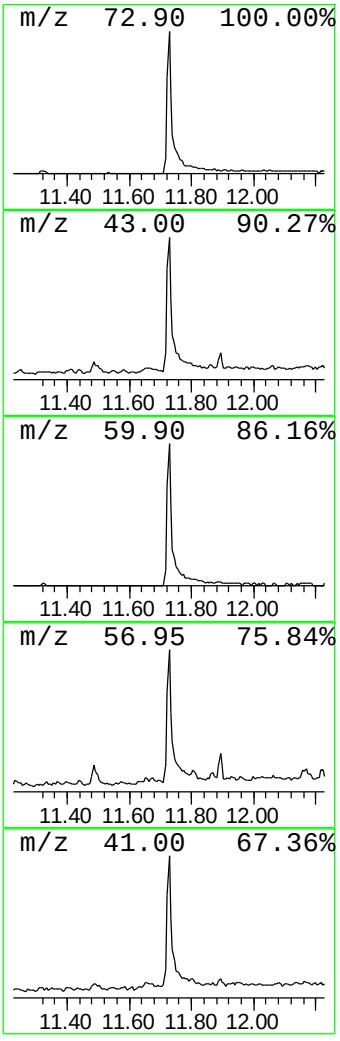
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.00 ng	329178	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
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Operator : JU/SJ
Sample : K2334-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-6(0-10)

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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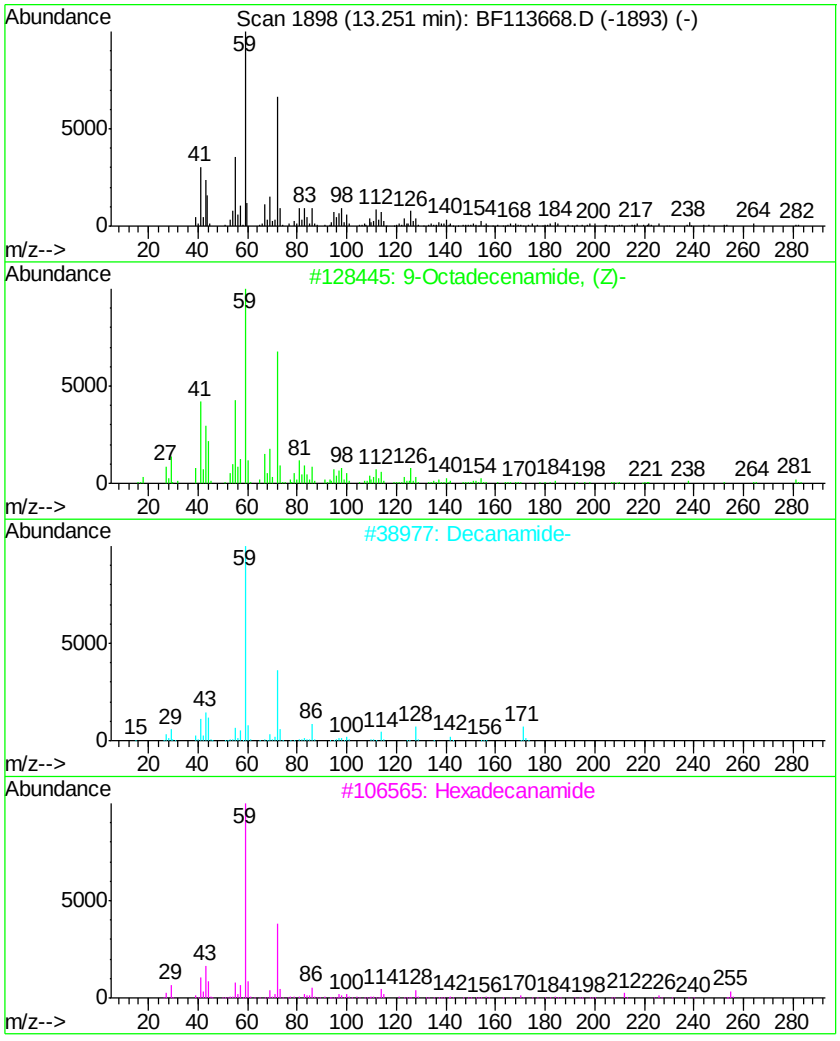
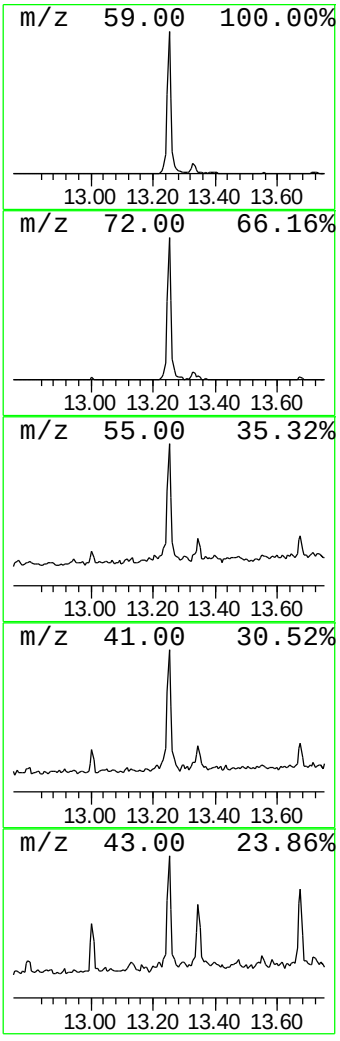
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.25 ng	259838	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	Decanamide-	171	C10H21NO	002319-29-1	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	64
4	Nonanamide	157	C9H19NO	001120-07-6	59
5	Octanamide	143	C8H17NO	000629-01-6	59





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-6(0-10)

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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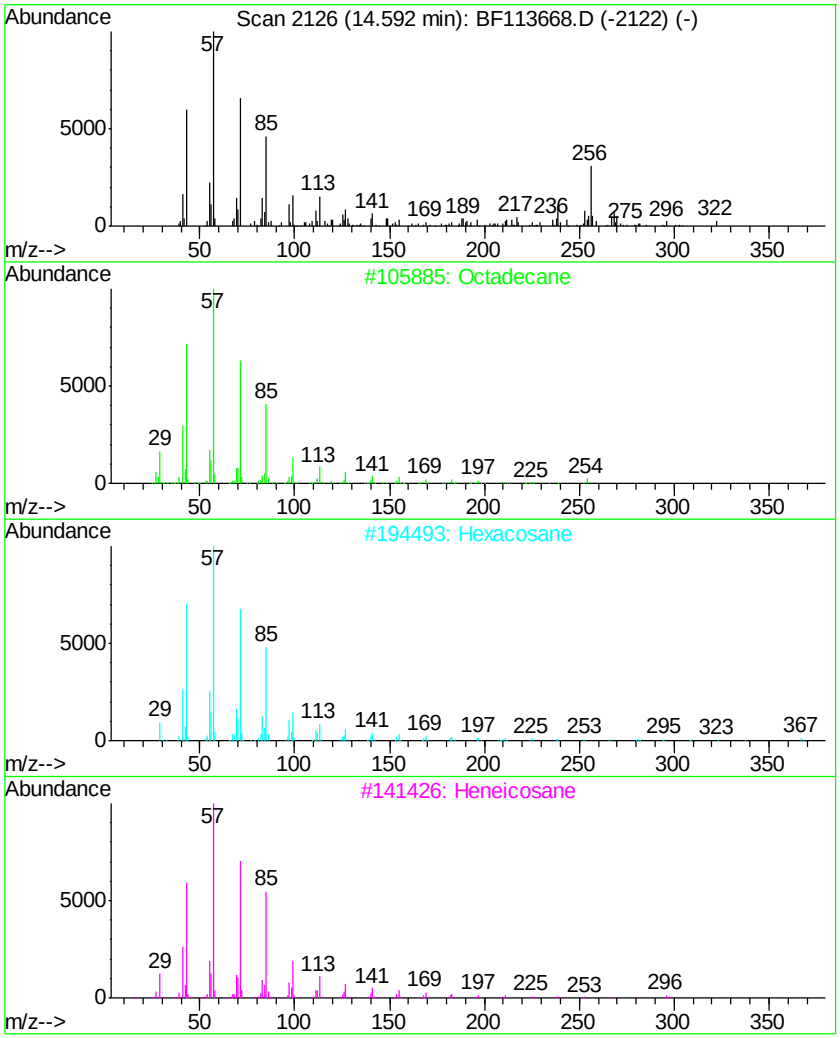
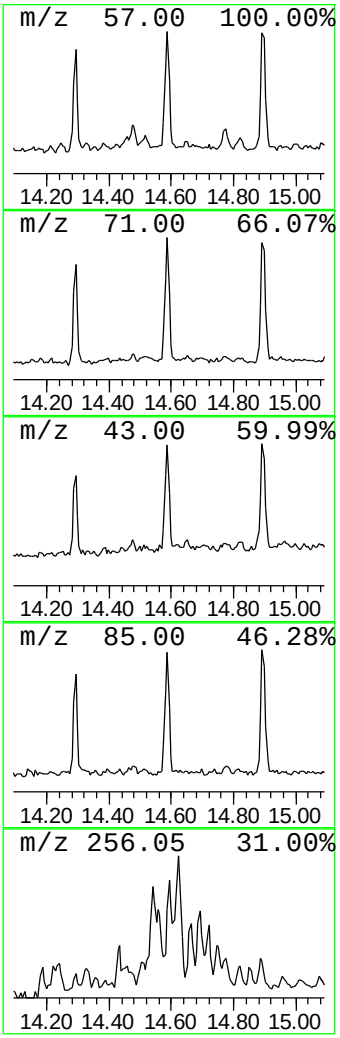
Peak Number 5 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.28 ng	108309	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetracosane	338	C24H50	000646-31-1	80
5	Pentadecane	212	C15H32	000629-62-9	74





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-6(0-10)

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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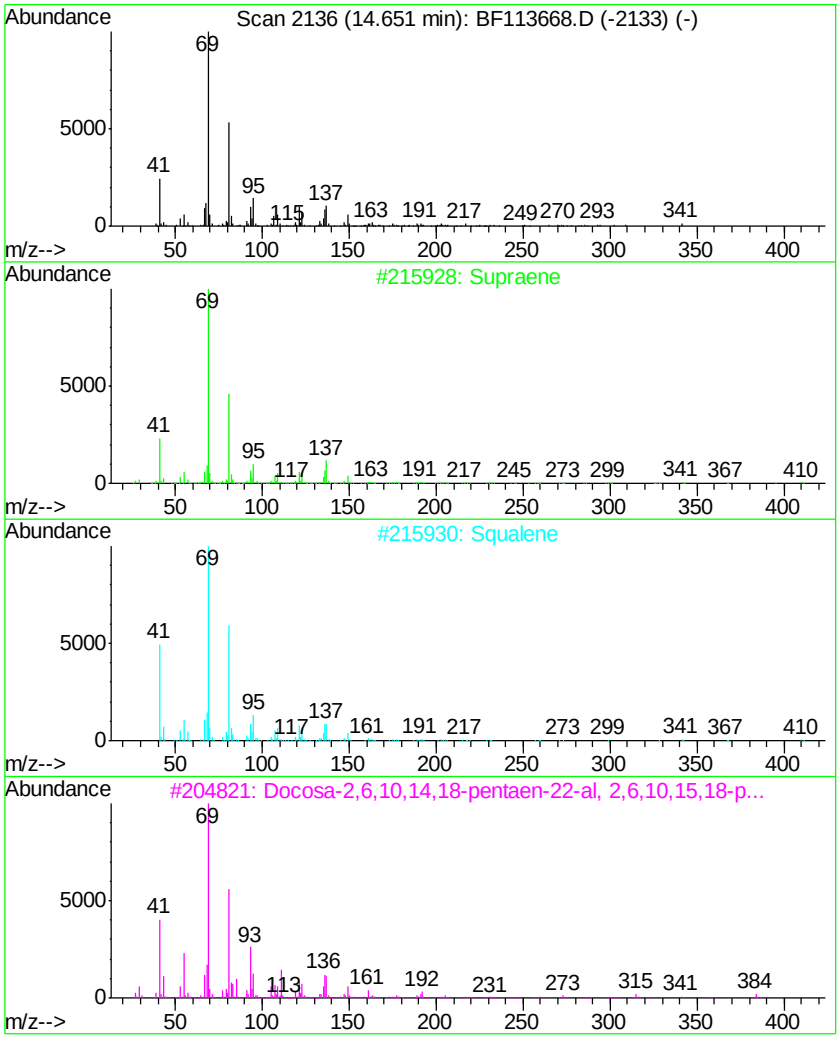
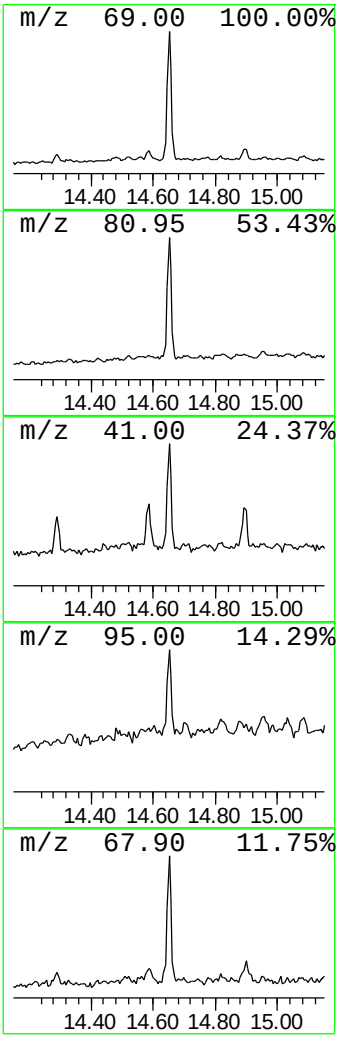
Peak Number 6 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	3.22 ng	153009	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





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Sample : K2334-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-6(0-10)

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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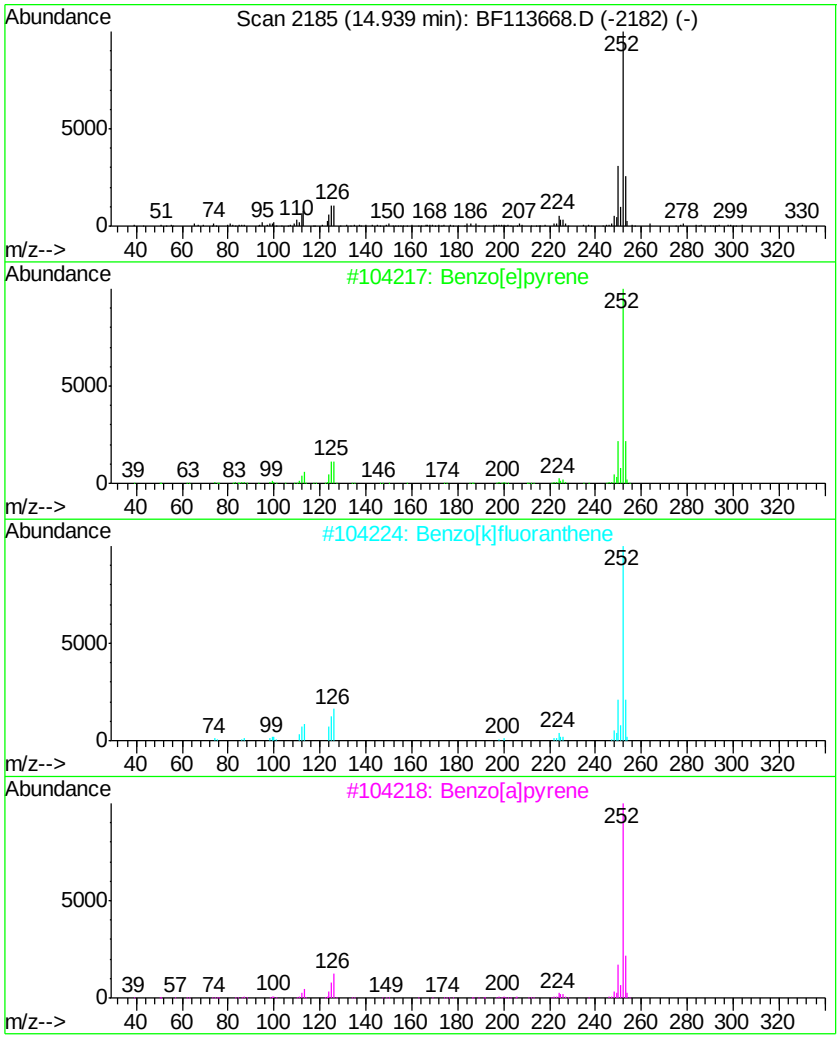
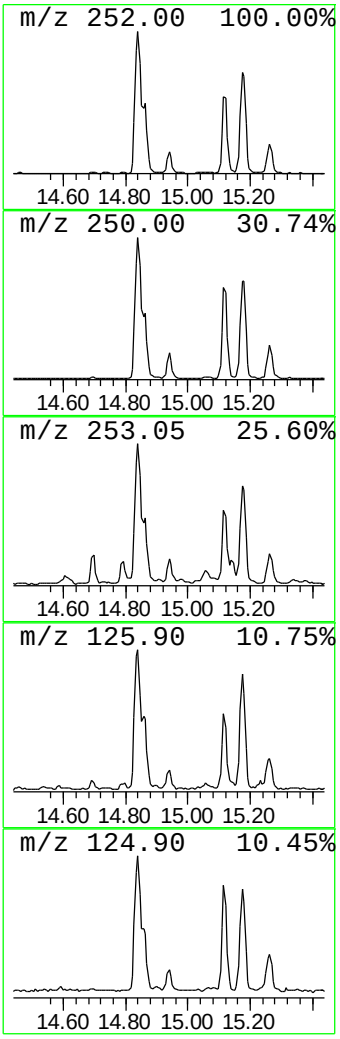
Peak Number 7 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.56 ng	121394	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113668.D
Acq On : 9 Apr 2019 18:30
Operator : JU/SJ
Sample : K2334-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-6(0-10)

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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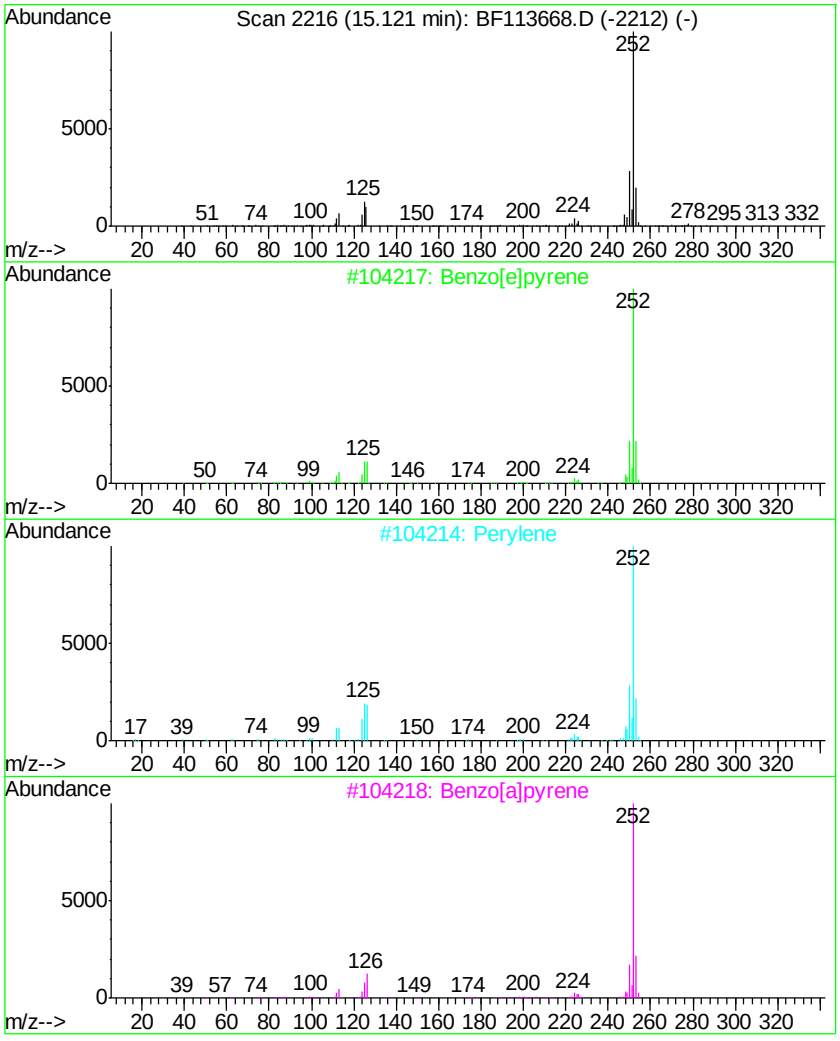
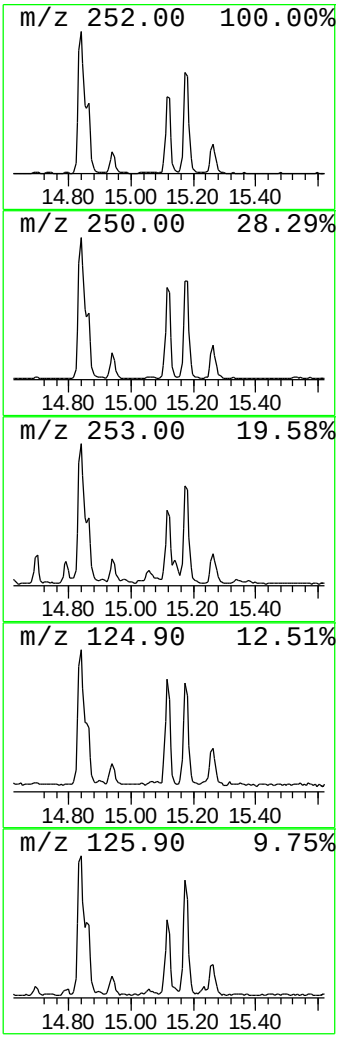
Peak Number 8 Benz[e]acephenanthrylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	7.92 ng	375825	Perylene-d12	15.23

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113668.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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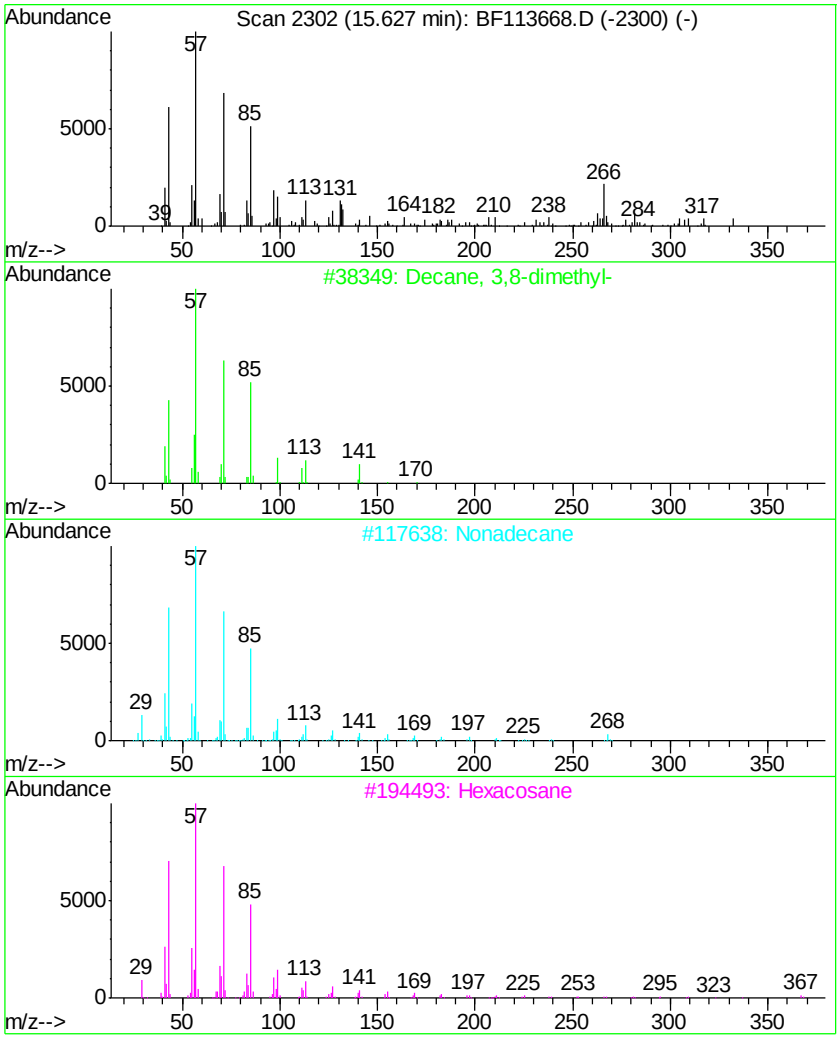
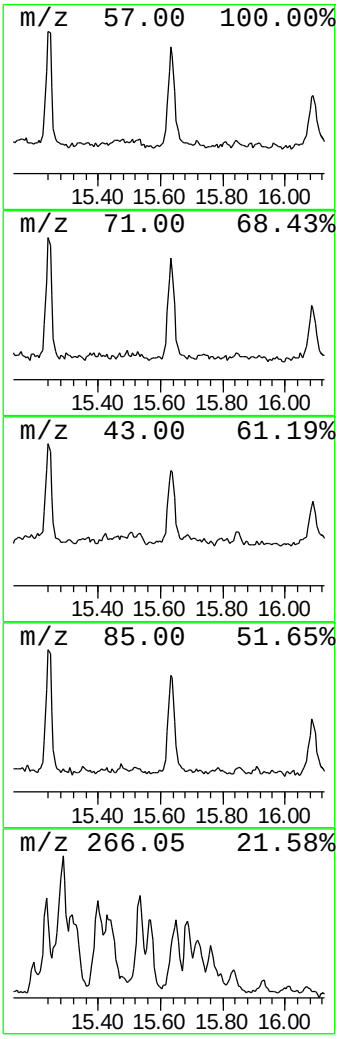
Peak Number 9 Decane, 3,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.64 ng	125172	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	55
2	Nonadecane	268	C19H40	000629-92-5	55
3	Hexacosane	366	C26H54	000630-01-3	46
4	Hexadecane	226	C16H34	000544-76-3	46
5	Tetracosane	338	C24H50	000646-31-1	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113668.D
Acq On : 9 Apr 2019 18:30
Operator : JU/SJ
Sample : K2334-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-6(0-10)

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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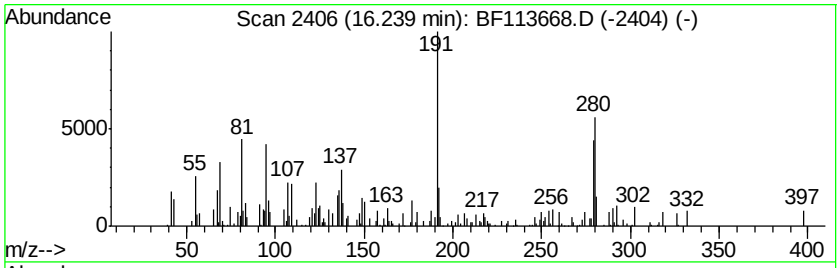
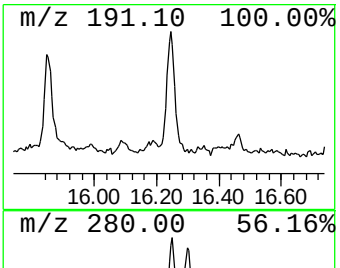
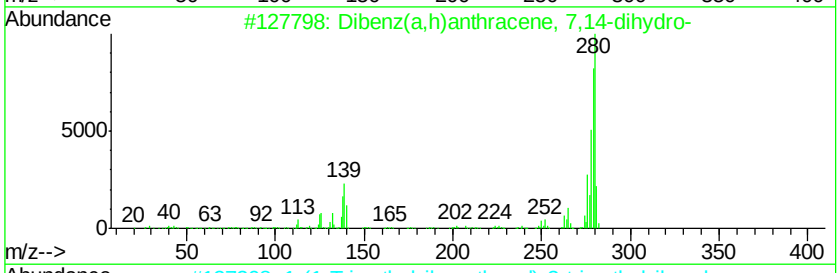
Peak Number 10 unknown16.24 Concentration Rank 9

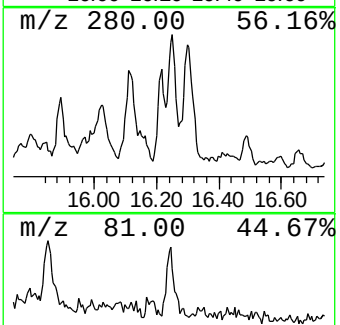
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.30 ng	109007	Perylene-d12	15.23

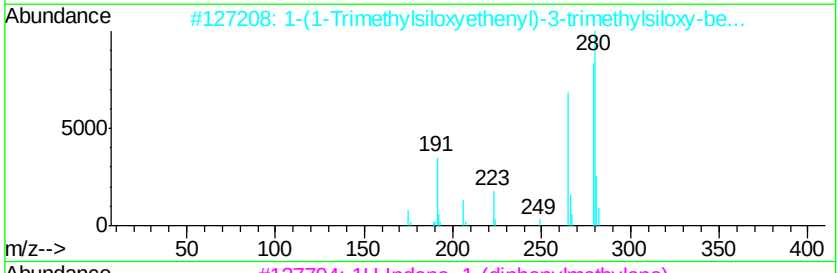
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,h)anthracene, 7,14-dihy...	280	C22H16	057816-08-7	47
2	1-(1-Trimethylsiloxyethenyl)-3-t...	280	C14H24O2Si2	126210-52-4	43
3	1H-Indene, 1-(diphenylmethylene)-	280	C22H16	013245-90-4	35
4	Benzene, 1,2-bis(2-pyridin-2-yle...	280	C20H12N2	350587-04-1	30
5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	27

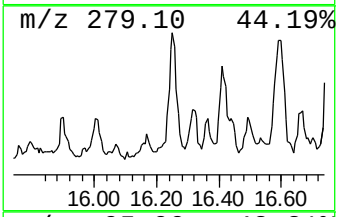


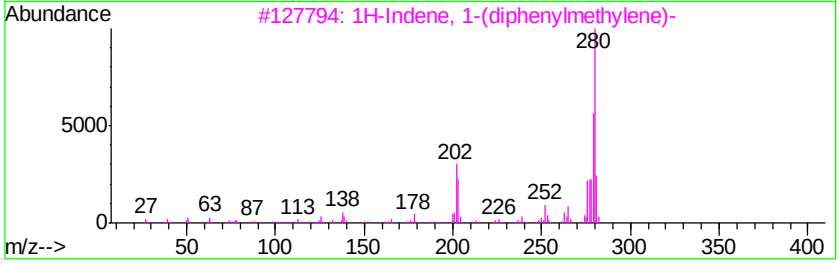


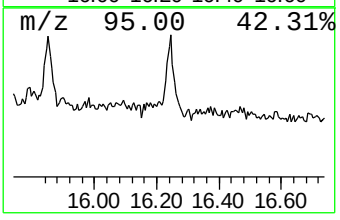












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113668.D
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.45	6.45	76.1	ng	2636730	1	6.68	692890	20.0
n-Hexadecanoic acid	11.73	7.0	ng	329178	4	11.19	940858	20.0
9-Octadecenamide,...	13.25	3.3	ng	259838	5	13.82	1596810	20.0
Octadecane	14.59	2.3	ng	108309	6	15.23	949176	20.0
Supraene	14.65	3.2	ng	153009	6	15.23	949176	20.0
Benzo[e]pyrene	14.94	2.6	ng	121394	6	15.23	949176	20.0
Benz[e]acephenant...	15.12	7.9	ng	375825	6	15.23	949176	20.0
Decane, 3,8-dimet...	15.63	2.6	ng	125172	6	15.23	949176	20.0
unknown16.24	16.24	2.3	ng	109007	6	15.23	949176	20.0