LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113089.D
Acq On : 18 Mar 2019 14:43
Operator : JU/SJ
Sample : K1901-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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	4.416	390	396	400	rBV	55063	66076	1.88%	0.148%
2	5.345	549	554	567	rBV	3136571	3225996	91.93%	7.239%
3	6.375	724	729	746	rBV	3029232	3509232	100.00%	7.874%
4	6.504	746	751	754	rBV	3726714	3401176	96.92%	7.632%
5	6.575	760	763	774	rVB2	23842	39931	1.14%	0.090%
6	6.728	785	789	792	rBV	1405589	1092943	31.14%	2.452%
7	6.886	812	816	819	rBV	2956965	2518442	71.77%	5.651%
8	7.286	879	884	892	rBV	2243188	2240614	63.85%	5.028%
9	8.010	1003	1007	1013	rBV	1377973	1289095	36.73%	2.893%
10	9.086	1185	1190	1203	rBV	3462108	3305914	94.21%	7.418%
11	9.210	1208	1211	1214	rVB	46509	43591	1.24%	0.098%
12	9.475	1253	1256	1267	rBV	244498	245506	7.00%	0.551%
13	9.757	1300	1304	1317	rBV2	1532651	1495536	42.62%	3.356%
14	10.545	1434	1438	1451	rBV	2260156	2213694	63.08%	4.967%
15	10.669	1457	1459	1467	rVB2	39376	47550	1.35%	0.107%
16	11.239	1552	1556	1558	rBV	1543262	1429183	40.73%	3.207%
17	11.257	1558	1559	1563	rVV	302687	249819	7.12%	0.561%
18	11.310	1566	1568	1572	rVB	51622	47626	1.36%	0.107%
19	11.498	1597	1600	1604	rBV4	19577	36178	1.03%	0.081%
20	11.739	1637	1641	1643	rBV	72896	68931	1.96%	0.155%
21	11.774	1643	1647	1652	rVV2	561279	643741	18.34%	1.444%
22	11.845	1656	1659	1661	rVV2	82827	94304	2.69%	0.212%
23	11.868	1661	1663	1668	rVB	65496	72028	2.05%	0.162%
24	11.945	1668	1676	1678	rBV5	48258	74540	2.12%	0.167%
25	12.033	1687	1691	1693	rBV	62326	61424	1.75%	0.138%
26	12.151	1708	1711	1714	rBV2	71721	74340	2.12%	0.167%
27	12.286	1731	1734	1736	rBV	58911	54670	1.56%	0.123%
28	12.316	1736	1739	1741	rBV2	107541	140191	3.99%	0.315%
29	12.368	1746	1748	1753	rVB	94240	88560	2.52%	0.199%
30	12.445	1757	1761	1765	rBV	958450	904537	25.78%	2.030%
31	12.486	1765	1768	1771	rVB3	69110	75535	2.15%	0.169%
32	12.557	1775	1780	1784	rBV3	209357	283319	8.07%	0.636%
33	12.668	1793	1799	1803	rBV2	947914	1060920	30.23%	2.381%
34	12.721	1806	1808	1813	rVB2	76416	94805	2.70%	0.213%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	12.792	1817	1820	1821	rBV	89481	87604	2.50%	0.197%
36	12.816	1821	1824	1828	rVB	3143128	3130913	89.22%	7.025%
37	12.898	1833	1838	1841	rBV2	97763	146595	4.18%	0.329%
38	12.974	1849	1851	1853	rBV	84772	96267	2.74%	0.216%
39	13.063	1863	1866	1869	rBV2	83790	91138	2.60%	0.205%
40	13.104	1869	1873	1877	rVV2	162305	173950	4.96%	0.390%
41	13.192	1886	1888	1891	rBV	77022	74819	2.13%	0.168%
42	13.227	1891	1894	1897	rBV2	84580	88234	2.51%	0.198%
43	13.398	1921	1923	1926	rVB	70861	51549	1.47%	0.116%
44	13.504	1938	1941	1946	rVB	216829	201470	5.74%	0.452%
45	13.610	1956	1959	1962	rBV2	131572	156264	4.45%	0.351%
46	13.639	1962	1964	1967	rVV	110716	117844	3.36%	0.264%
47	13.668	1967	1969	1973	rVV2	88581	118766	3.38%	0.266%
48	13.710	1974	1976	1978	rVV	134061	136193	3.88%	0.306%
49	13.745	1980	1982	1994	rVB4	212391	393078	11.20%	0.882%
50	13.862	1997	2002	2005	rVV2	1671100	2221034	63.29%	4.984%
51	13.892	2005	2007	2013	rVB	640581	580708	16.55%	1.303%
52	14.039	2030	2032	2036	rVB3	154313	157166	4.48%	0.353%
53	14.251	2066	2068	2071	rVB	168556	126073	3.59%	0.283%
54	14.345	2081	2084	2087	rVB2	240669	219146	6.24%	0.492%
55	14.639	2131	2134	2140	rVB2	296430	329097	9.38%	0.738%
56	14.710	2143	2146	2156	rVV3	178064	232294	6.62%	0.521%
57	14.874	2170	2174	2184	rVB	707048	1300848	37.07%	2.919%
58	14.957	2184	2188	2190	rBV2	249479	309809	8.83%	0.695%
59	15.157	2219	2222	2228	rVB	344971	394910	11.25%	0.886%
60	15.215	2228	2232	2237	rVB	455149	523524	14.92%	1.175%
61	15.274	2238	2242	2245	rVV	935760	1196105	34.08%	2.684%
62	15.309	2245	2248	2257	rVB3	300461	453617	12.93%	1.018%
63	15.715	2313	2317	2323	rVB	173589	251014	7.15%	0.563%
64	16.180	2393	2396	2400	rBV2	85578	118708	3.38%	0.266%
65	16.633	2469	2473	2482	rVB2	217369	401062	11.43%	0.900%
66	17.045	2539	2543	2552	rVB	193988	396253	11.29%	0.889%

Sum of corrected areas: 44565999

LSC Report - Integrated Chromatogram

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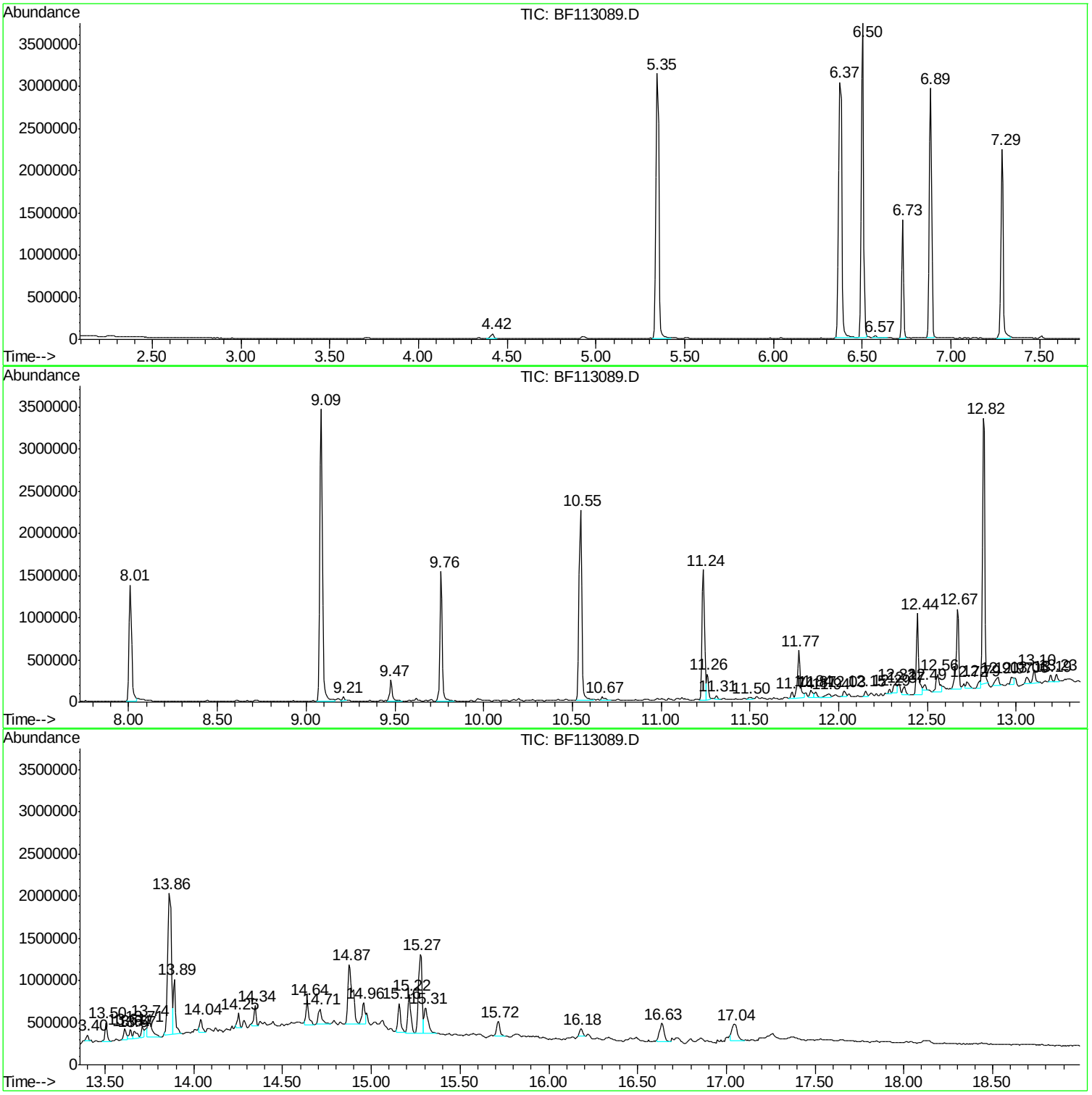
Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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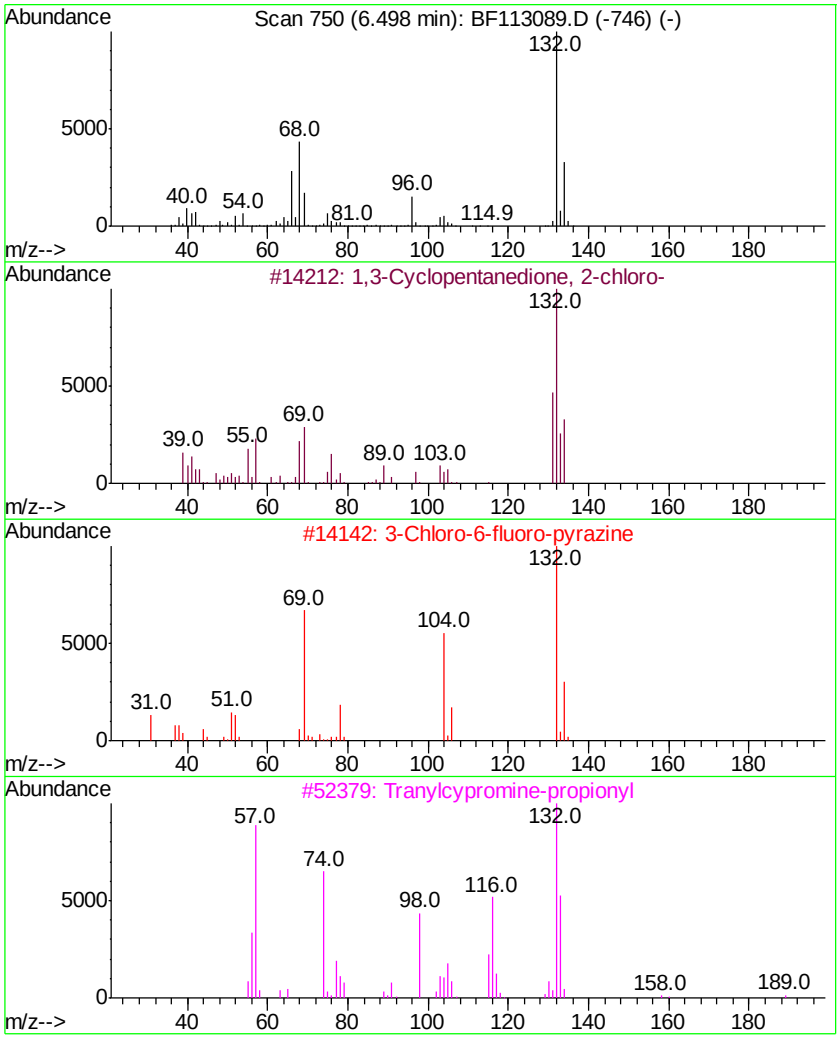
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

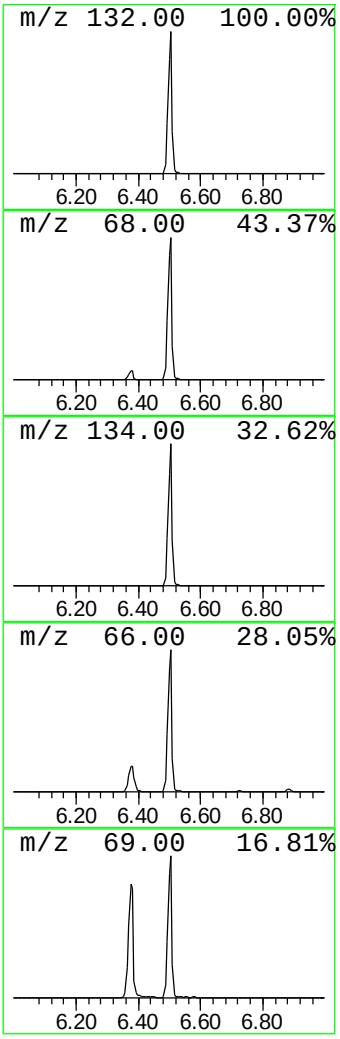
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	62.24 ng	3401180	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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Operator : JU/SJ
Sample : K1901-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1.5)

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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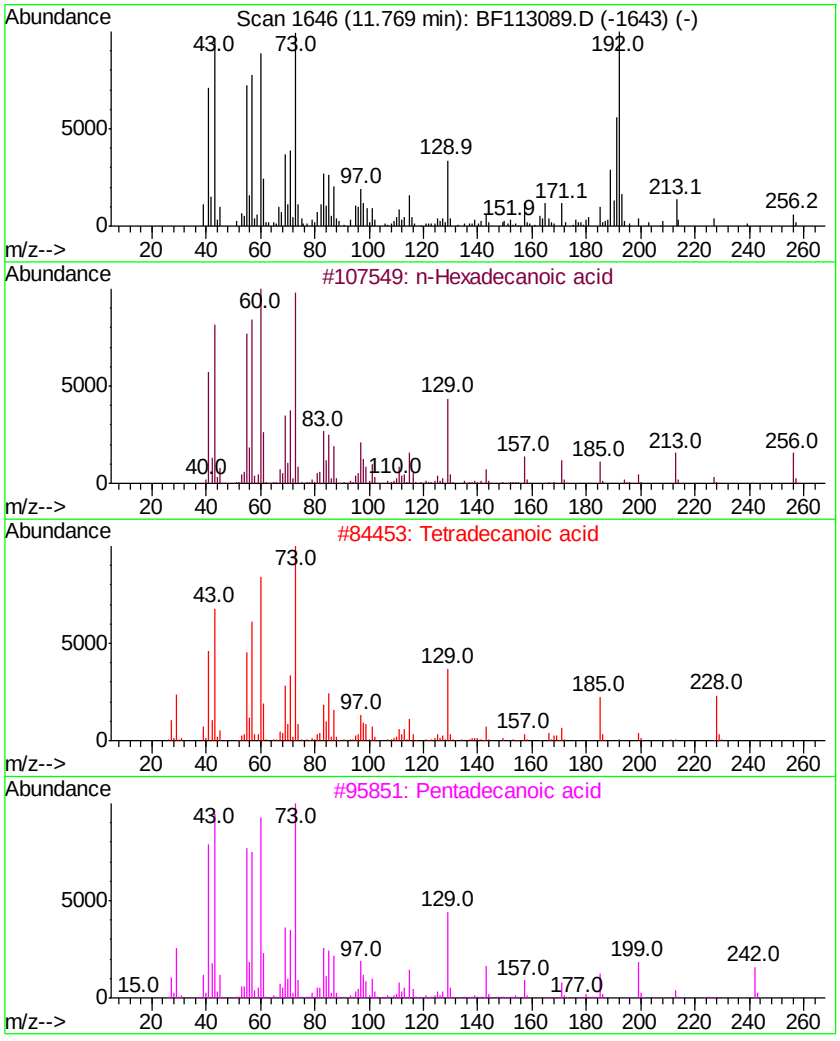
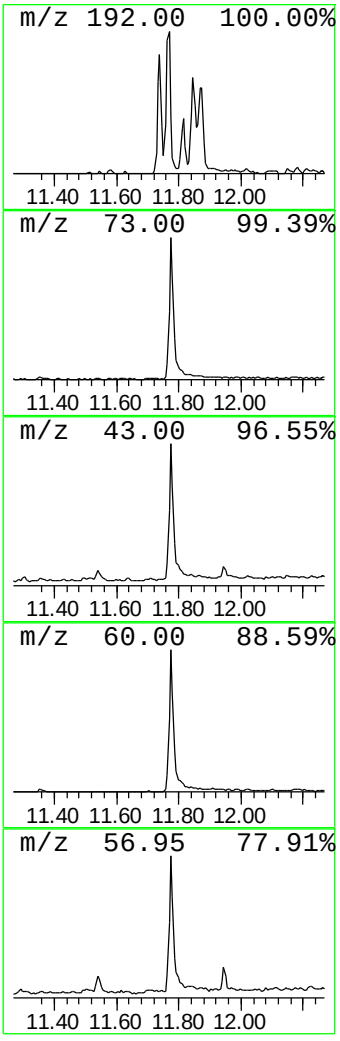
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.01 ng	643741	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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Acq On : 18 Mar 2019 14:43
Operator : JU/SJ
Sample : K1901-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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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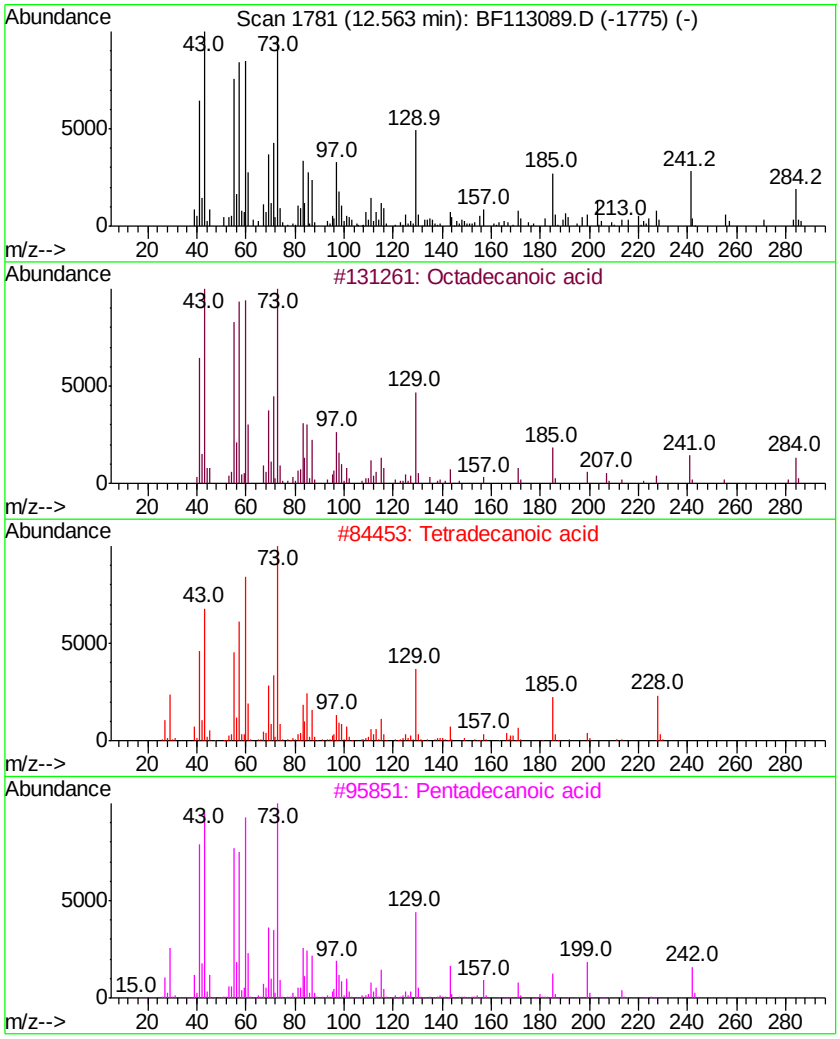
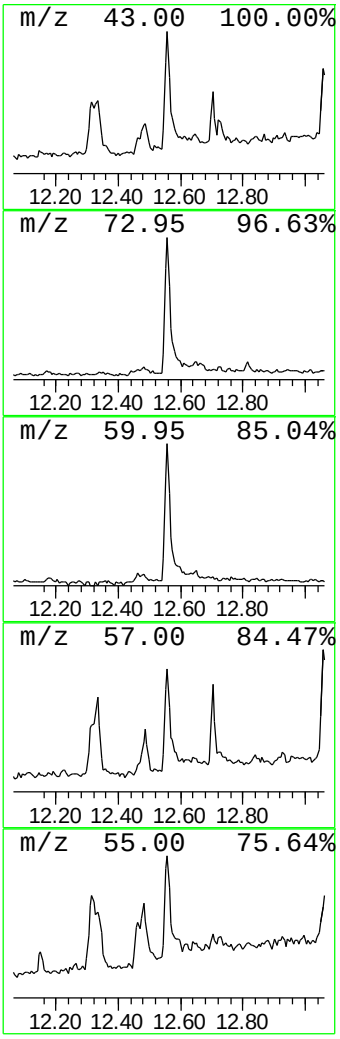
Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.55 ng	283319	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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Sample : K1901-07
Misc :
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Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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

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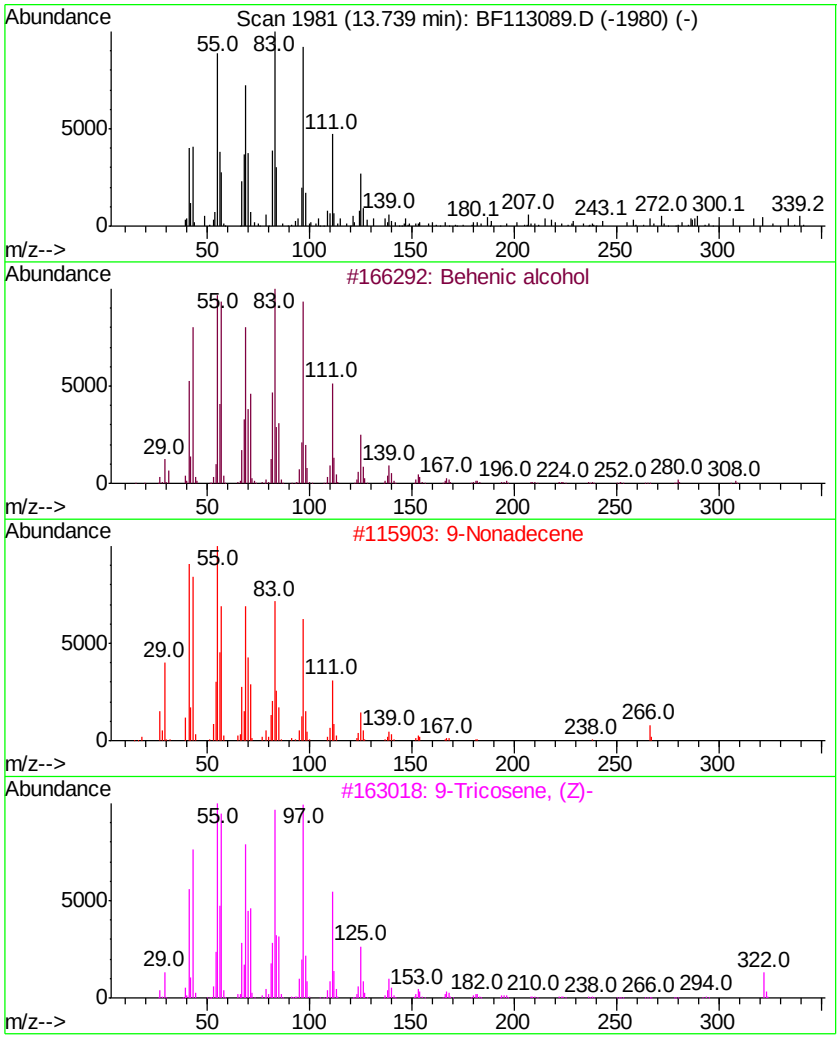
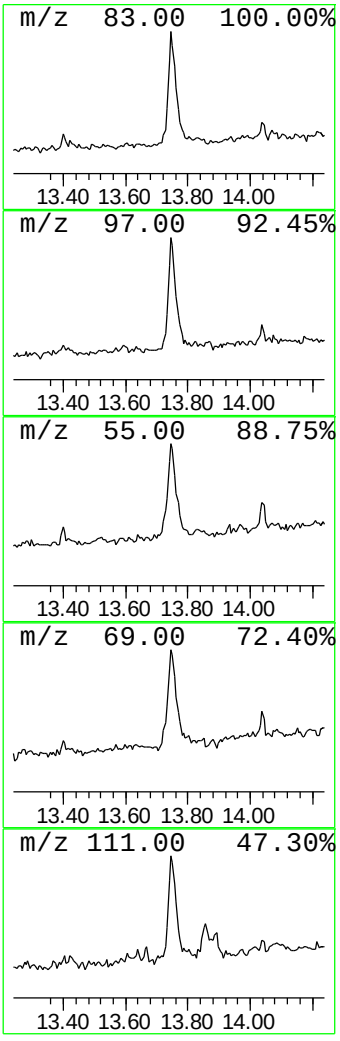
Peak Number 5 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.54 ng	393078	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	86
2	9-Nonadecene	266	C19H38	031035-07-1	86
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	81
4	1-Heneicosanol	312	C21H44O	015594-90-8	58
5	1-Octadecanol	270	C18H38O	000112-92-5	52





Library Search Compound Report

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Sample : K1901-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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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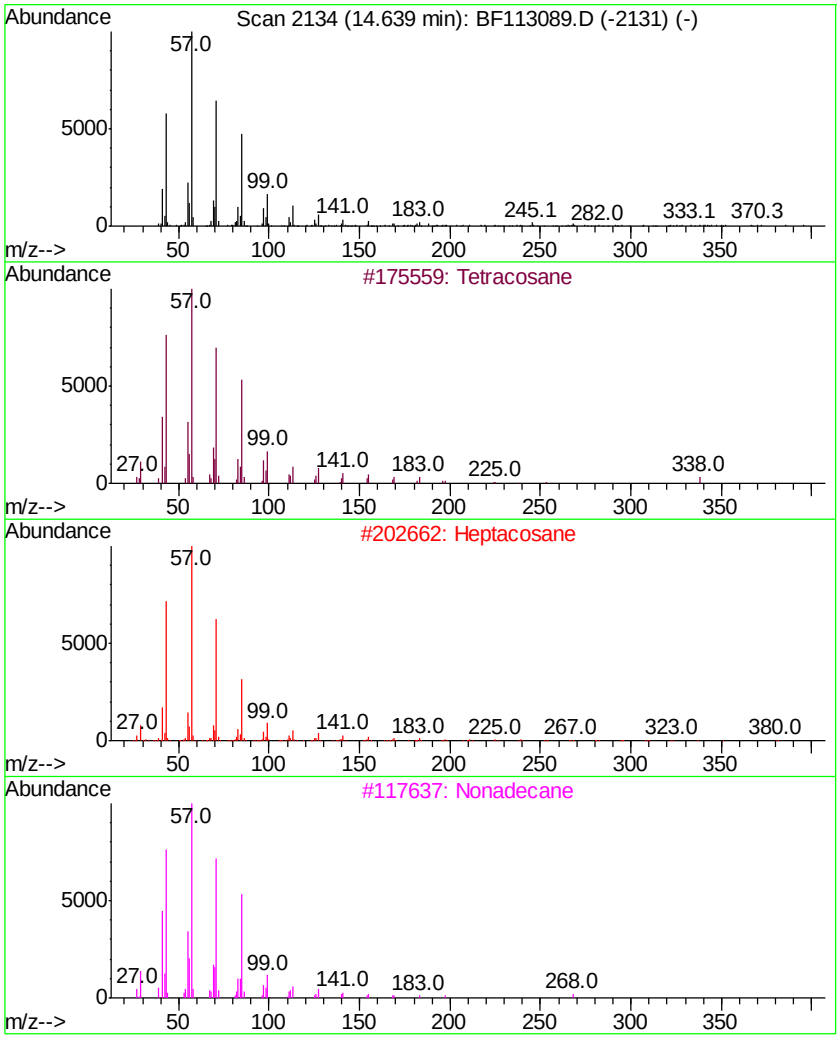
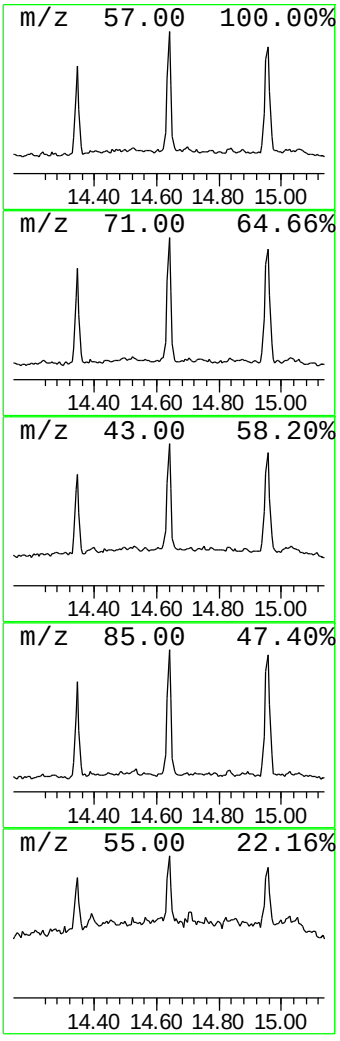
Peak Number 6 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.50 ng	329097	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptacosane	380	C27H56	000593-49-7	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
5	Heneicosane	296	C21H44	000629-94-7	83





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Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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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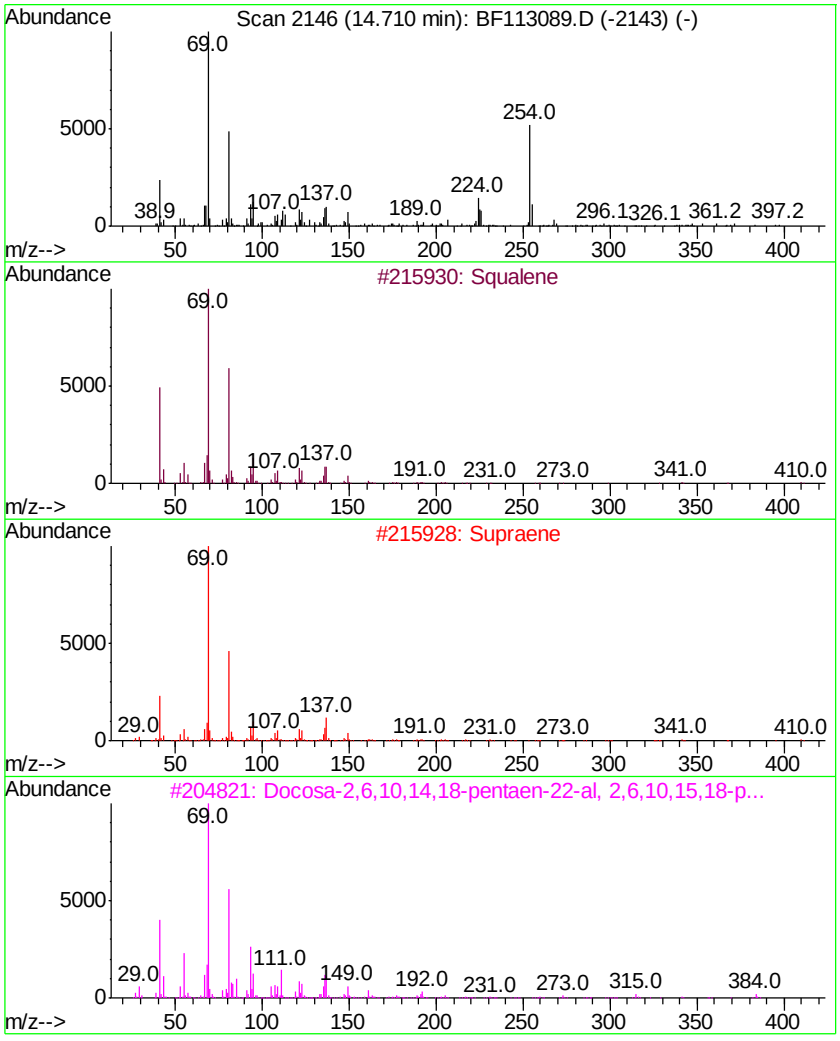
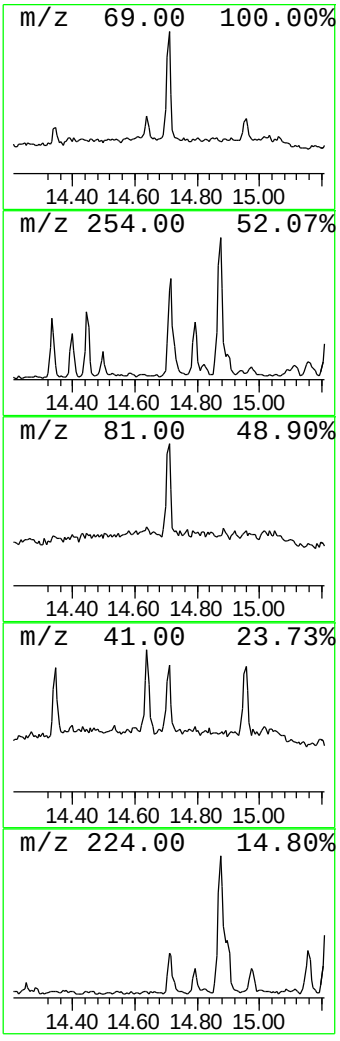
Peak Number 7 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	3.88 ng	232294	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	60
2	Supraene	410	C30H50	007683-64-9	53
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	49
4	trans-Farnesol	222	C15H26O	000106-28-5	49
5	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113089.D
Acq On : 18 Mar 2019 14:43
Operator : JU/SJ
Sample : K1901-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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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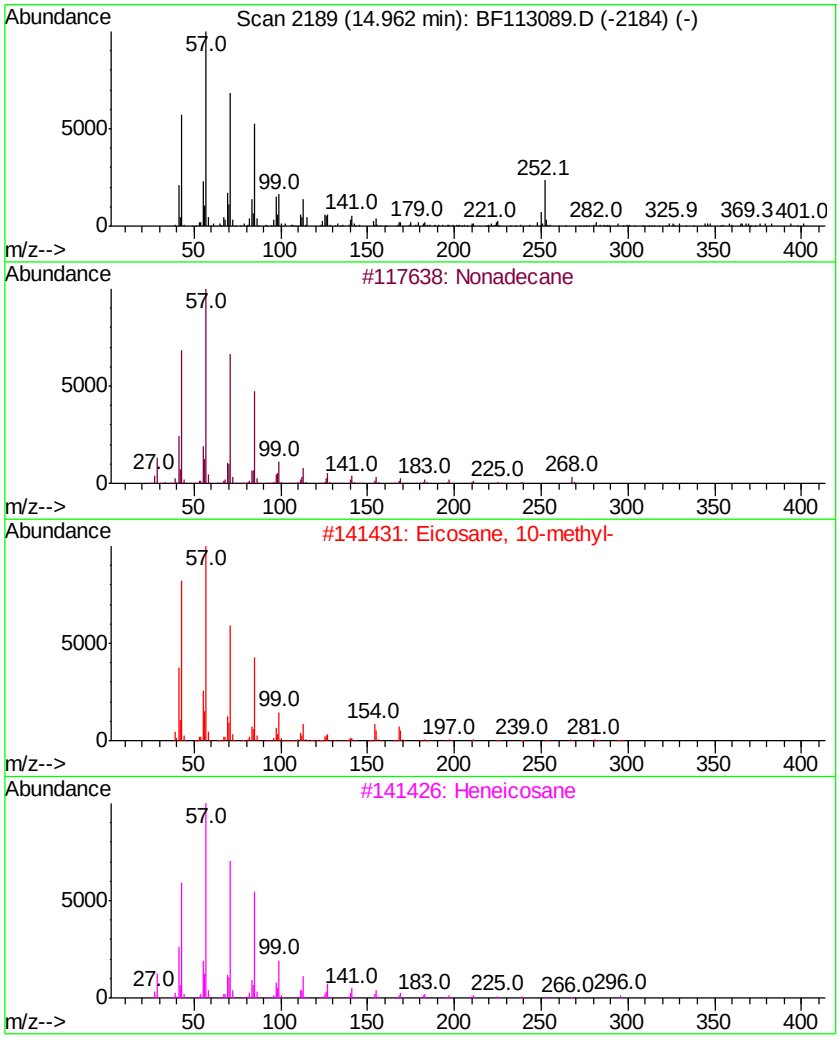
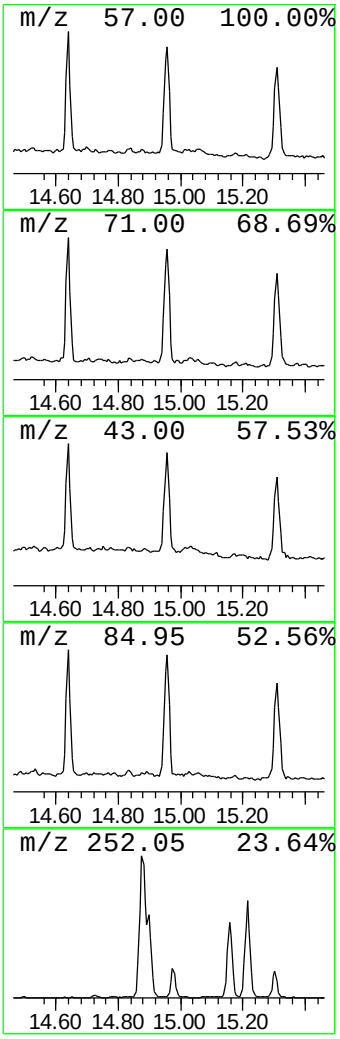
Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.18 ng	309809	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113089.D
Acq On : 18 Mar 2019 14:43
Operator : JU/SJ
Sample : K1901-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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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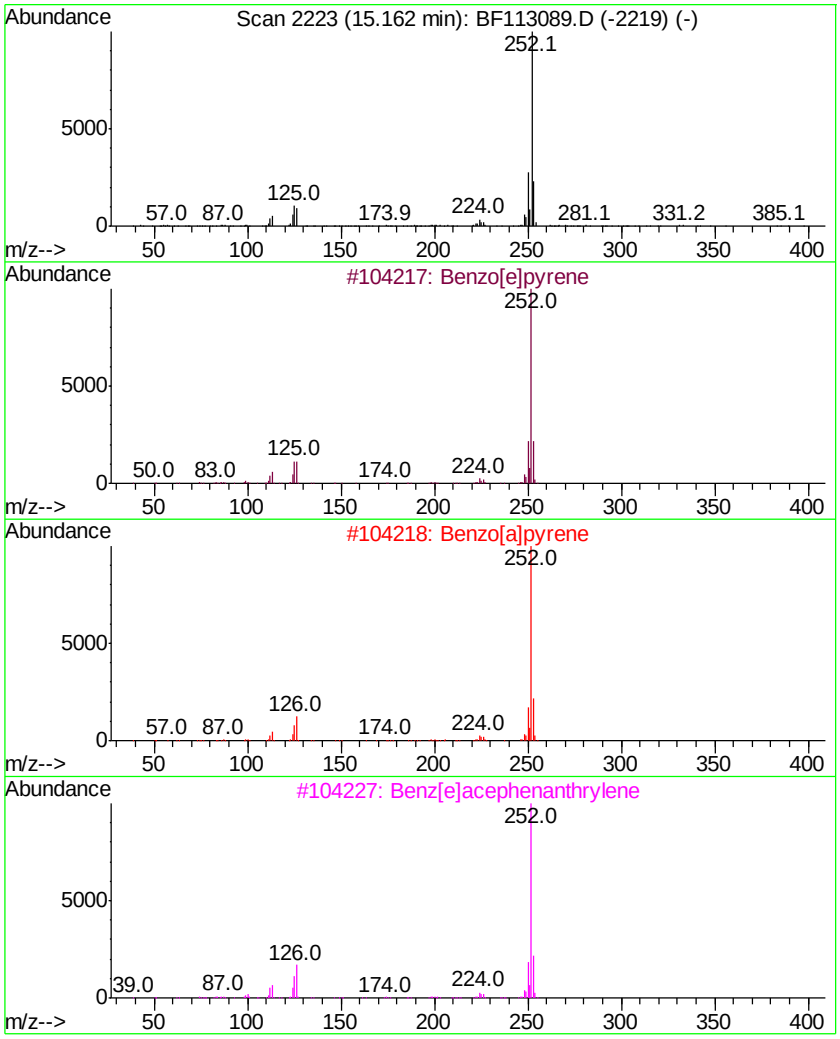
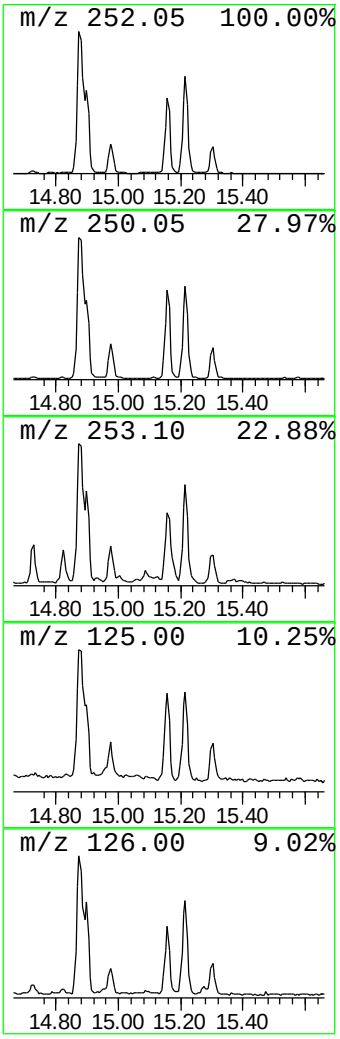
Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	6.60 ng	394910	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113089.D
Acq On : 18 Mar 2019 14:43
Operator : JU/SJ
Sample : K1901-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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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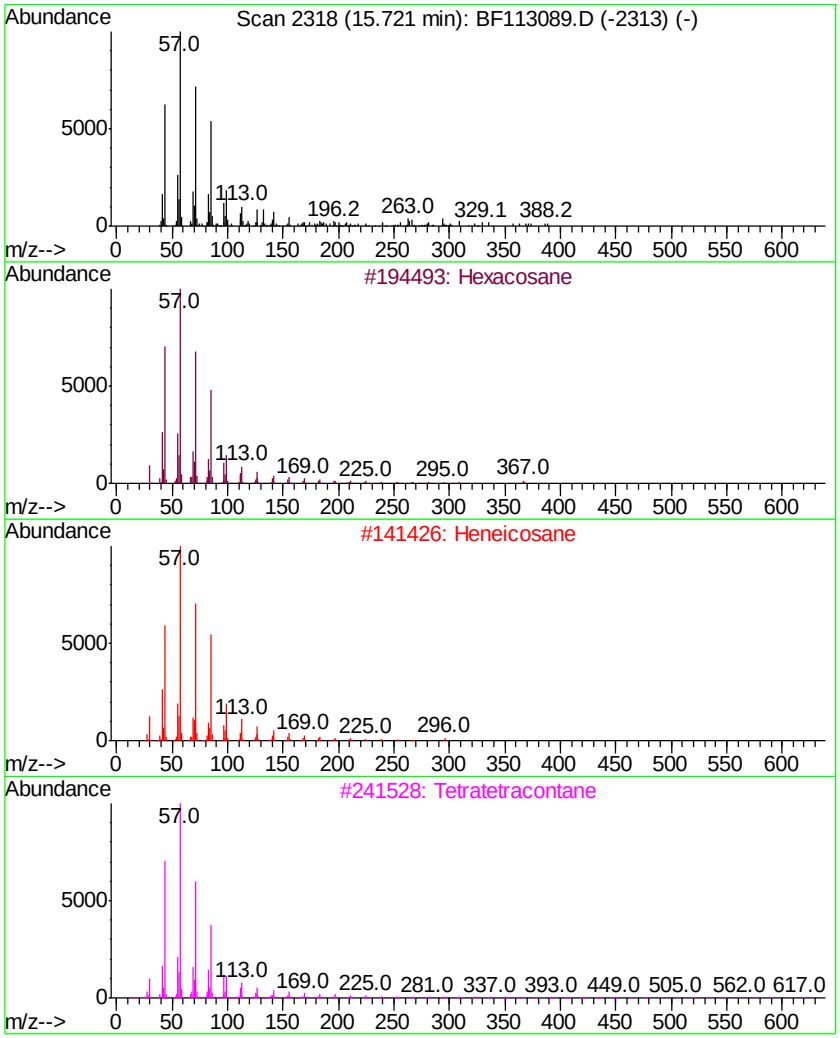
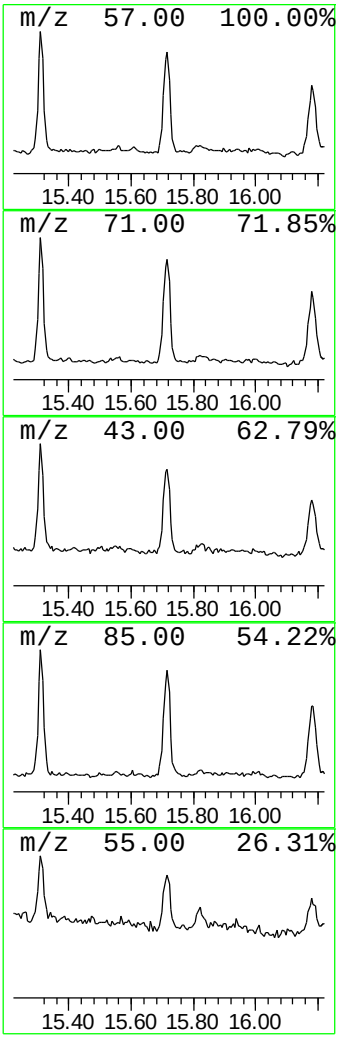
Peak Number 10 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.20 ng	251014	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113089.D
Acq On : 18 Mar 2019 14:43
Operator : JU/SJ
Sample : K1901-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0.5-1.5)

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	62.2	ng	3401180	1	6.73	1092940	20.0
n-Hexadecanoic acid	11.77	9.0	ng	643741	4	11.24	1429180	20.0
Octadecanoic acid	12.56	2.5	ng	283319	5	13.87	2221030	20.0
Behenic alcohol	13.74	3.5	ng	393078	5	13.87	2221030	20.0
Tetracosane	14.64	5.5	ng	329097	6	15.27	1196110	20.0
Squalene	14.71	3.9	ng	232294	6	15.27	1196110	20.0
Nonadecane	14.96	5.2	ng	309809	6	15.27	1196110	20.0
Benzo[e]pyrene	15.16	6.6	ng	394910	6	15.27	1196110	20.0
Hexacosane	15.72	4.2	ng	251014	6	15.27	1196110	20.0