LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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	557	rBV	3966634	3864505	83.63%	8.111%
2	6.375	723	729	746	rBV	3764770	4259607	92.18%	8.941%
3	6.504	746	751	754	rBV	4388120	4149885	89.80%	8.711%
4	6.728	786	789	793	rBV	1115028	1022954	22.14%	2.147%
5	6.887	812	816	820	rBV	3635789	3241852	70.15%	6.805%
6	7.292	880	885	888	rBV	2753156	2628760	56.89%	5.518%
7	8.010	1004	1007	1014	rBV	1248707	1245166	26.95%	2.614%
8	9.086	1186	1190	1204	rBV	4415278	4621080	100.00%	9.700%
9	9.480	1254	1257	1266	rBV	338914	312046	6.75%	0.655%
10	9.763	1301	1305	1309	rBV	1527028	1419814	30.72%	2.980%
11	9.792	1309	1310	1318	rVB	69922	54530	1.18%	0.114%
12	10.545	1434	1438	1454	rBV	2825690	3052820	66.06%	6.408%
13	11.133	1534	1538	1544	rVB3	30455	50754	1.10%	0.107%
14	11.239	1552	1556	1558	rBV	1495607	1328697	28.75%	2.789%
15	11.263	1558	1560	1566	rVV	597263	529720	11.46%	1.112%
16	11.316	1566	1569	1573	rVB	81693	84711	1.83%	0.178%
17	11.469	1590	1595	1598	rBV2	46316	66912	1.45%	0.140%
18	11.739	1638	1641	1644	rBV	78949	80291	1.74%	0.169%
19	11.774	1644	1647	1652	rBV2	450814	473912	10.26%	0.995%
20	11.851	1657	1660	1662	rVV	159353	169320	3.66%	0.355%
21	11.874	1662	1664	1669	rVB	67889	63191	1.37%	0.133%
22	12.033	1688	1691	1693	rBV	57454	55800	1.21%	0.117%
23	12.057	1693	1695	1701	rVB2	72810	73292	1.59%	0.154%
24	12.286	1731	1734	1737	rBV	61039	60237	1.30%	0.126%
25	12.369	1746	1748	1753	rVB2	53124	59100	1.28%	0.124%
26	12.445	1757	1761	1766	rBV	1223182	1088270	23.55%	2.284%
27	12.557	1778	1780	1784	rBV3	92832	128193	2.77%	0.269%
28	12.674	1794	1800	1803	rBV	970325	1098929	23.78%	2.307%
29	12.721	1806	1808	1814	rVB2	50794	67030	1.45%	0.141%
30	12.792	1817	1820	1821	rBV	59362	48891	1.06%	0.103%
31	12.821	1821	1825	1828	rVV	4100730	3915005	84.72%	8.217%
32	12.892	1832	1837	1840	rBV2	67474	99868	2.16%	0.210%
33	12.980	1848	1852	1853	rBV3	57065	64376	1.39%	0.135%
34	12.998	1853	1855	1859	rVB	146514	138444	3.00%	0.291%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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	13.063	1864	1866	1869	rVB2	113101	100459	2.17%	0.211%
36	13.104	1869	1873	1875	rBV	110724	108557	2.35%	0.228%
37	13.192	1885	1888	1891	rVB	54299	52818	1.14%	0.111%
38	13.227	1891	1894	1899	rVV2	59885	69311	1.50%	0.145%
39	13.310	1903	1908	1913	rVB6	36957	63359	1.37%	0.133%
40	13.504	1934	1941	1946	rBV2	86207	127249	2.75%	0.267%
41	13.616	1955	1960	1962	rBV3	94597	124680	2.70%	0.262%
42	13.663	1966	1968	1973	rVV2	74306	112009	2.42%	0.235%
43	13.721	1973	1978	1986	rVB4	335808	493924	10.69%	1.037%
44	13.863	1994	2002	2005	rBV2	1585618	2016252	43.63%	4.232%
45	13.886	2005	2006	2015	rVB	521399	451765	9.78%	0.948%
46	13.968	2015	2020	2024	rBV2	100833	104783	2.27%	0.220%
47	14.045	2030	2033	2037	rBV3	92550	93326	2.02%	0.196%
48	14.086	2037	2040	2044	rVB2	36581	49294	1.07%	0.103%
49	14.251	2064	2068	2071	rVB	89934	88881	1.92%	0.187%
50	14.286	2071	2074	2077	rVB2	55405	59166	1.28%	0.124%
51	14.345	2081	2084	2087	rVV2	168377	179862	3.89%	0.378%
52	14.392	2090	2092	2096	rVB3	61792	63110	1.37%	0.132%
53	14.639	2131	2134	2141	rVB	134974	160547	3.47%	0.337%
54	14.710	2143	2146	2154	rVB2	60675	101024	2.19%	0.212%
55	14.874	2169	2174	2183	rBV	439165	846066	18.31%	1.776%
56	14.957	2184	2188	2197	rVV4	163053	276026	5.97%	0.579%
57	15.151	2217	2221	2227	rVB	227598	293009	6.34%	0.615%
58	15.210	2227	2231	2236	rBV	318026	385327	8.34%	0.809%
59	15.268	2236	2241	2245	rBV	855301	1059697	22.93%	2.224%
60	15.715	2313	2317	2322	rVB	107492	144140	3.12%	0.303%
61	16.627	2467	2472	2481	rVB2	119844	250533	5.42%	0.526%
62	17.033	2536	2541	2549	rBV	74522	149177	3.23%	0.313%

Sum of corrected areas: 47642313

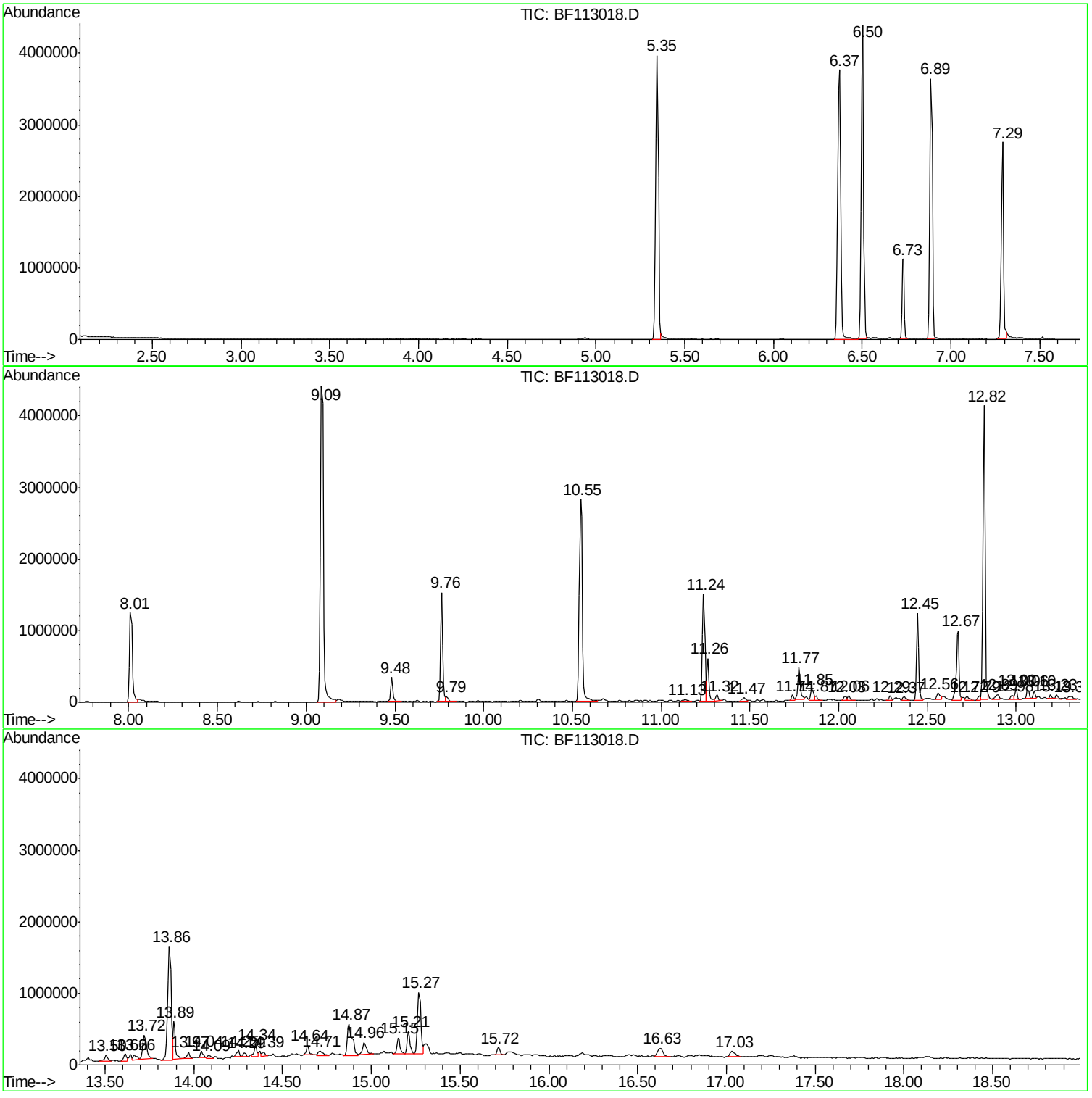
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-4-031119

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

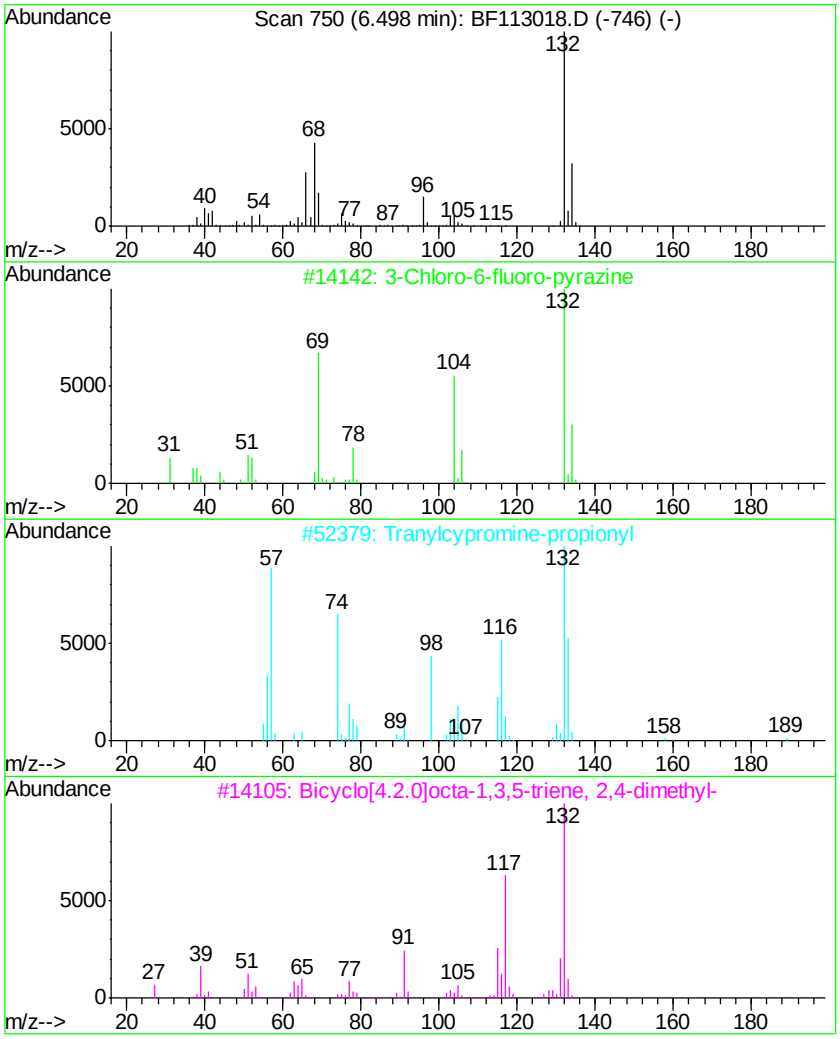
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

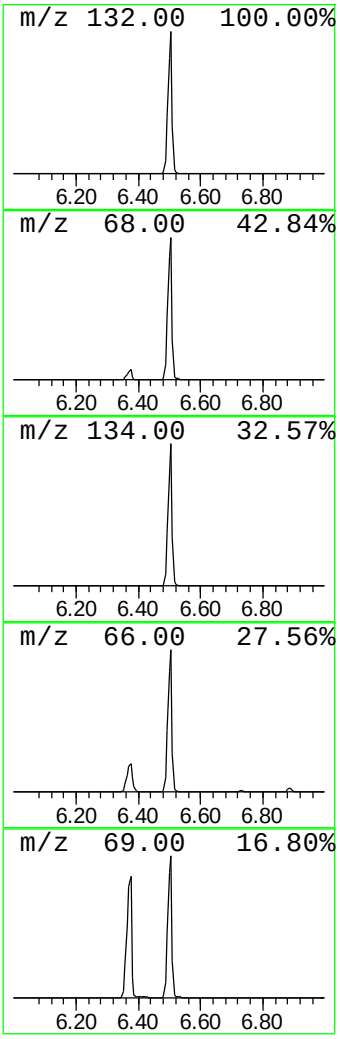
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	81.14 ng	4149890	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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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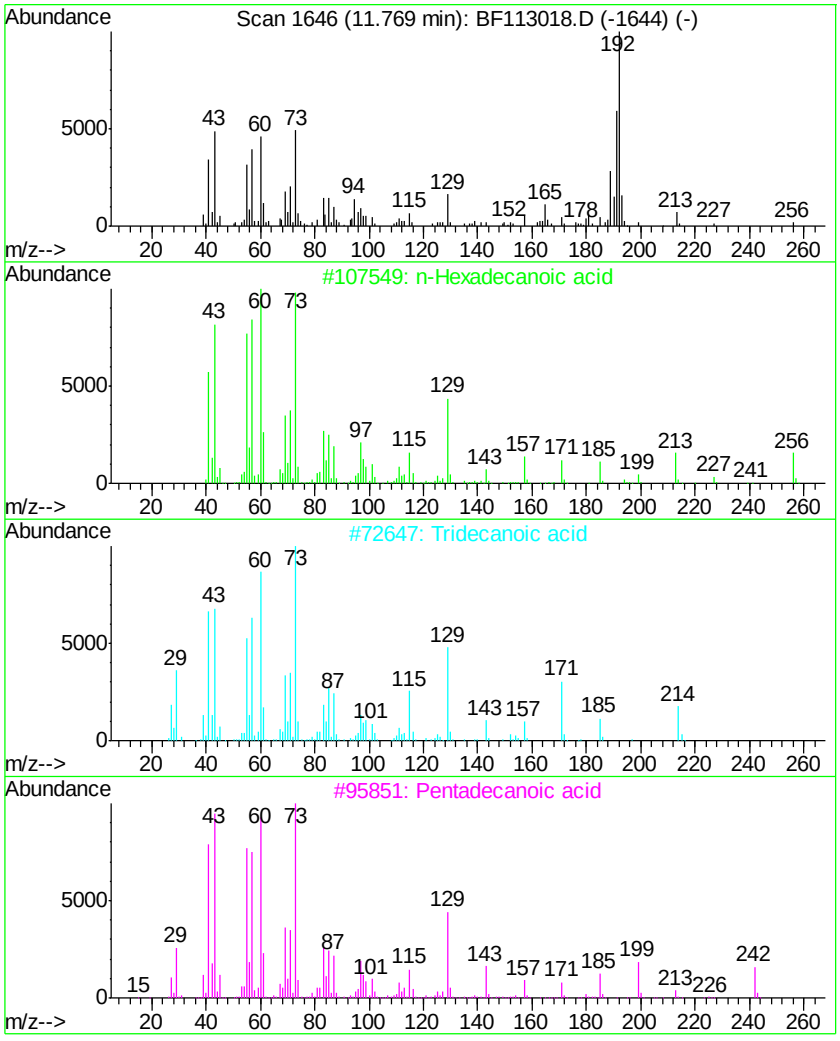
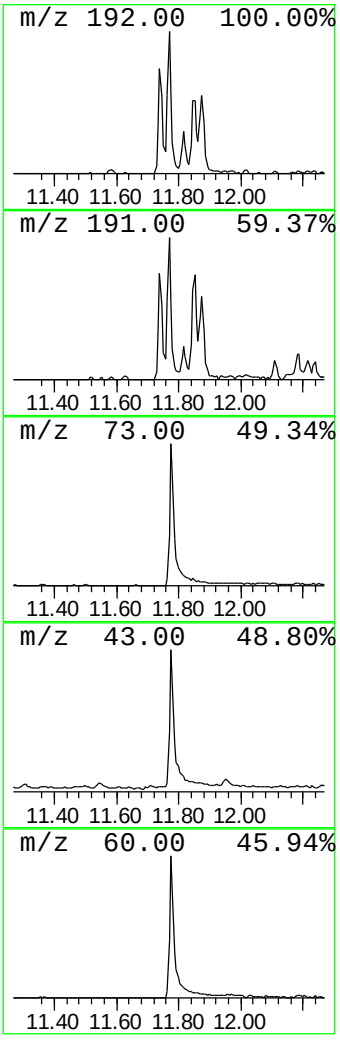
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.13 ng	473912	Phenanthrene-d10	11.24

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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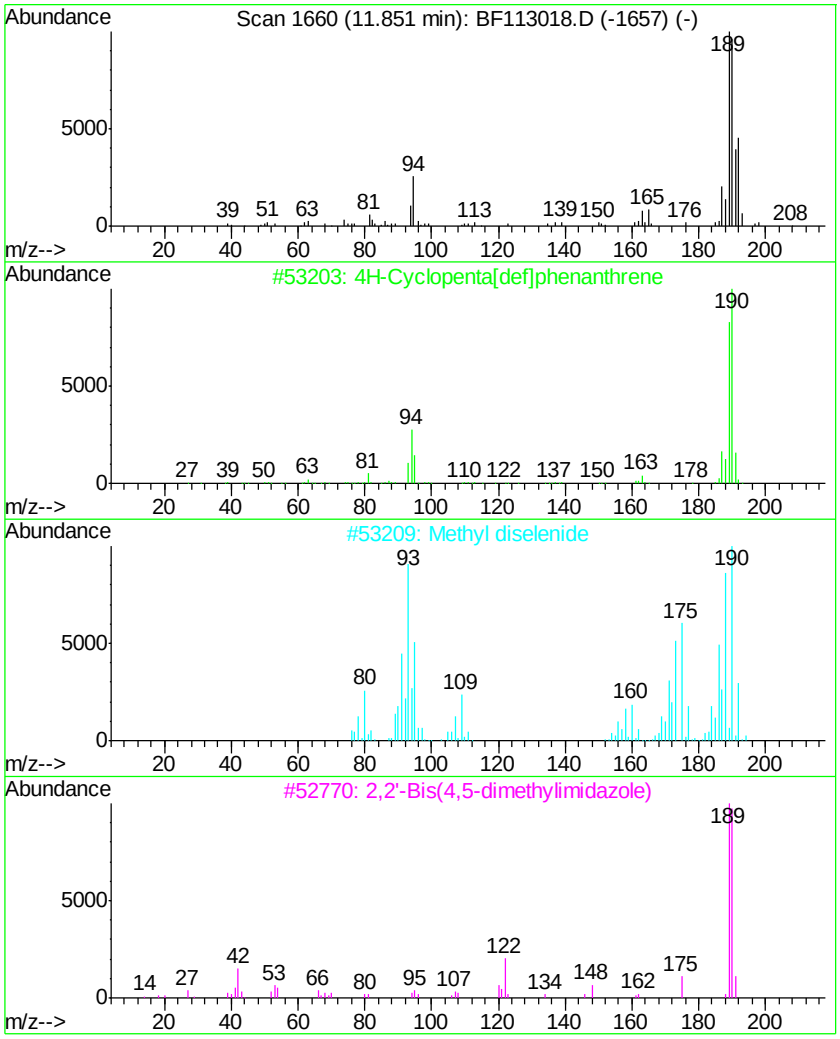
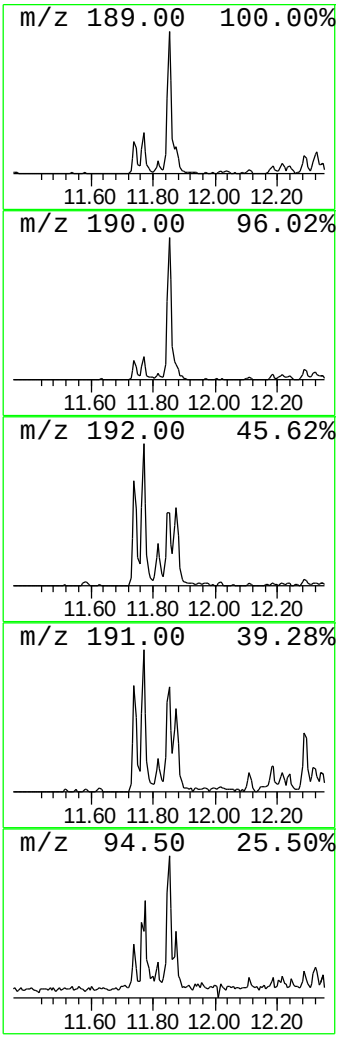
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.55 ng	169320	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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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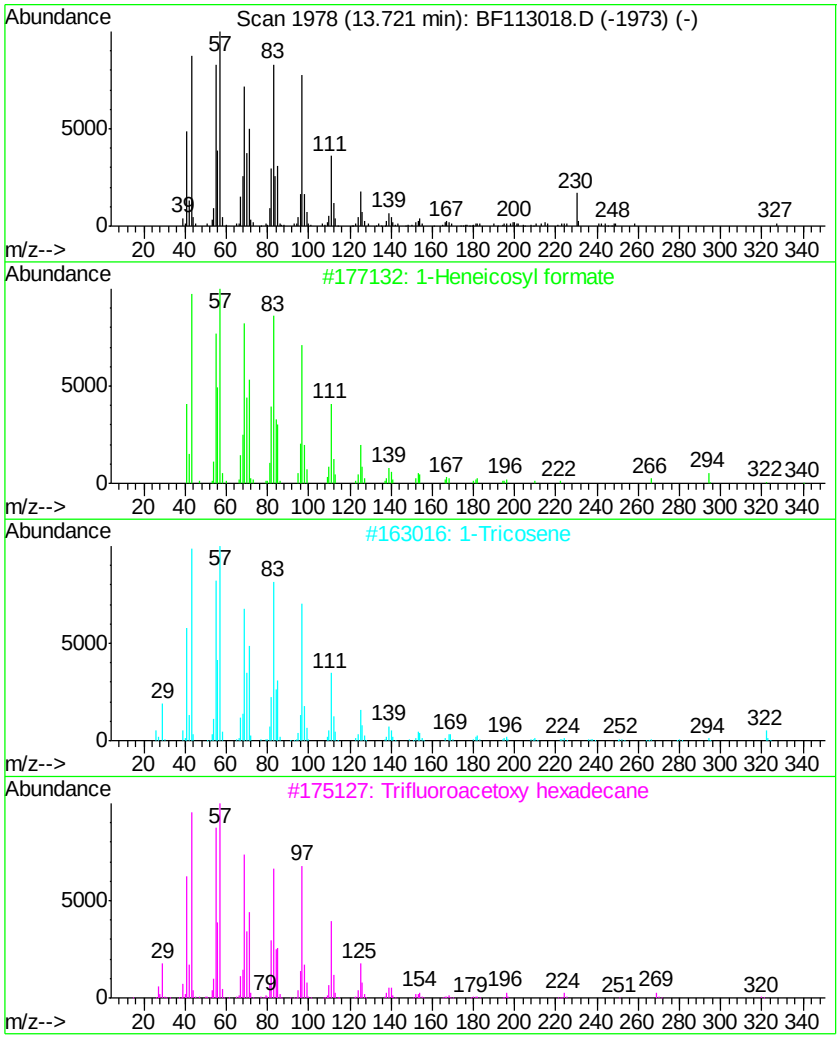
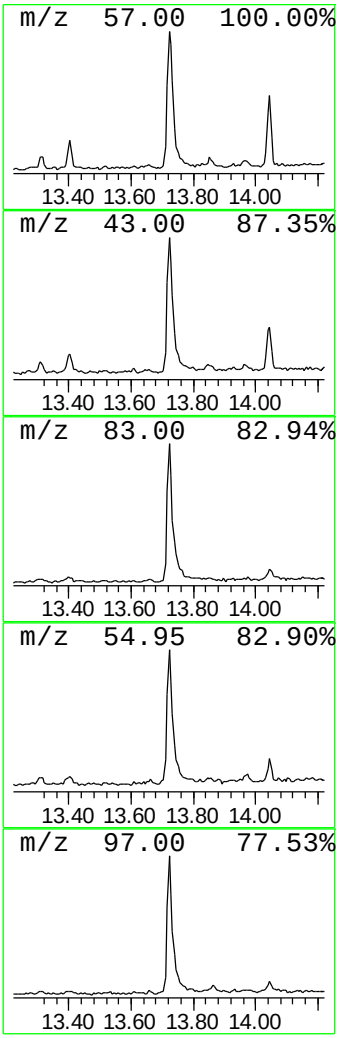
Peak Number 5 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.90 ng	493924	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	1-Tricosene	322	C23H46	018835-32-0	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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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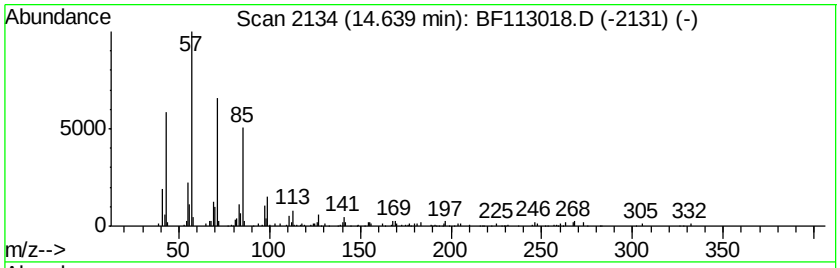
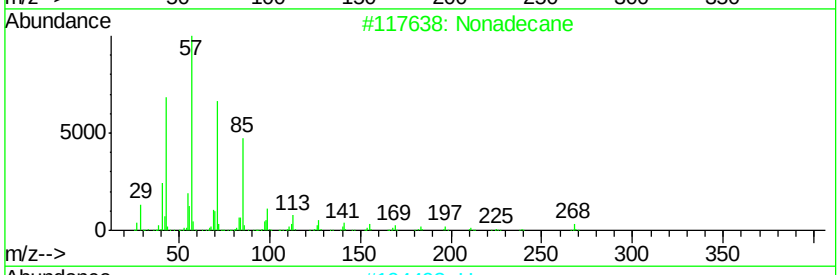
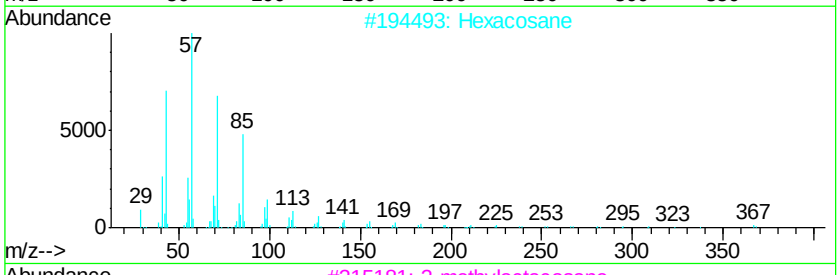
Peak Number 6 Nonadecane Concentration Rank 7

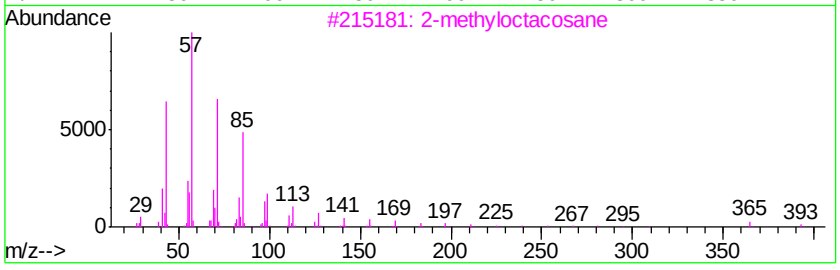
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.03 ng	160547	Perylene-d12	15.27

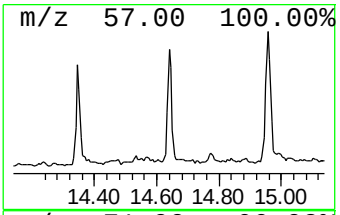
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86

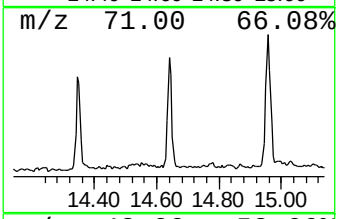


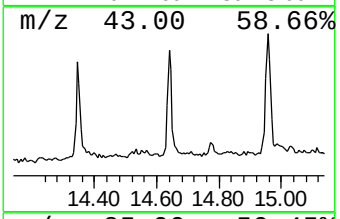


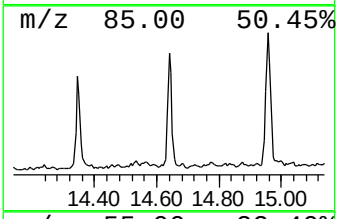


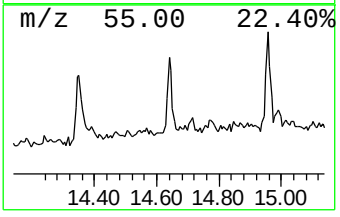












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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

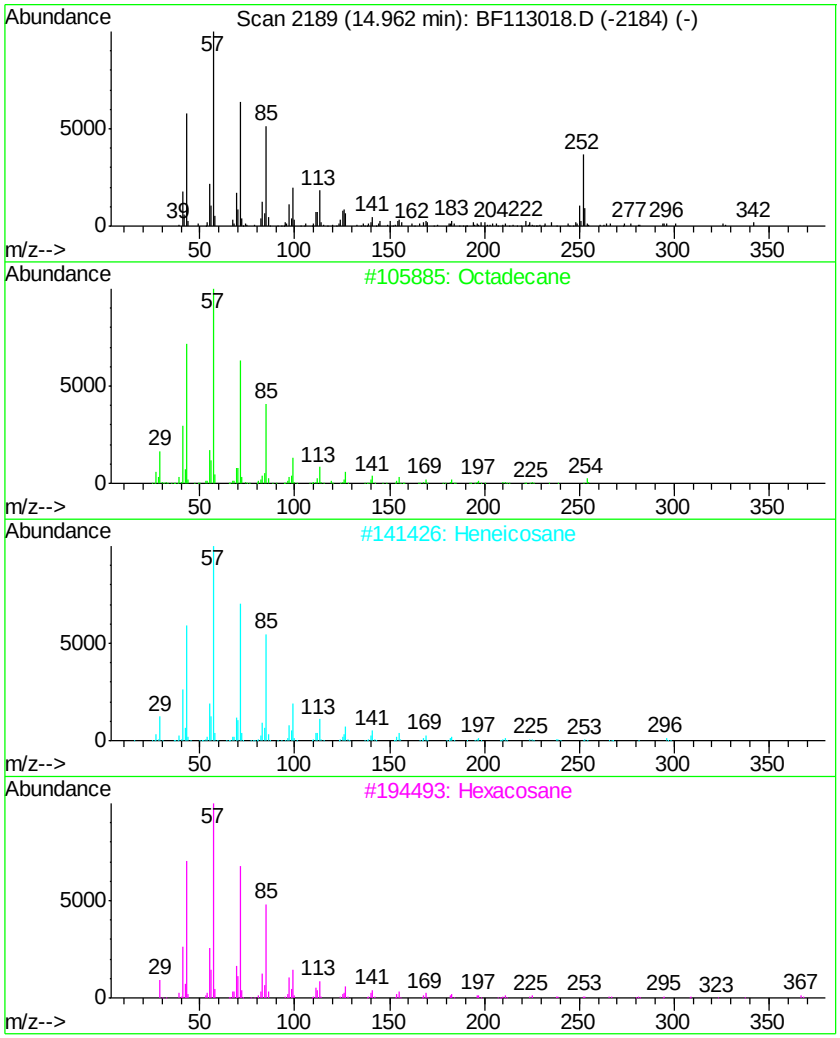
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

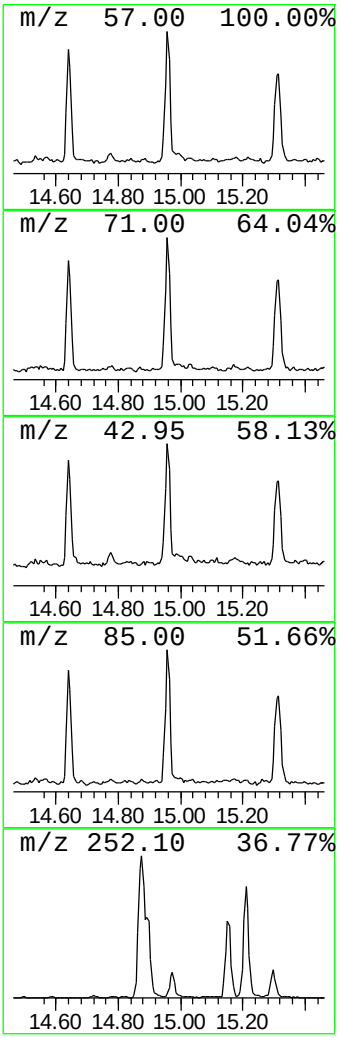
****

Peak Number 7 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.21 ng	276026	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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

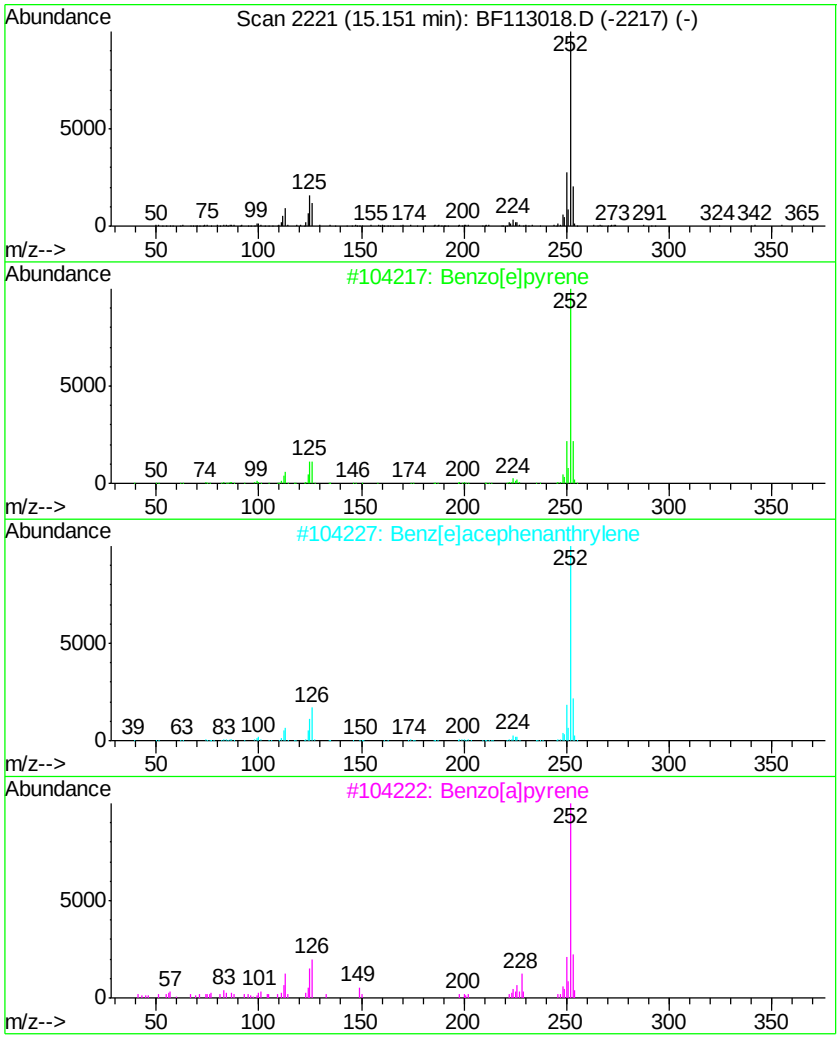
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

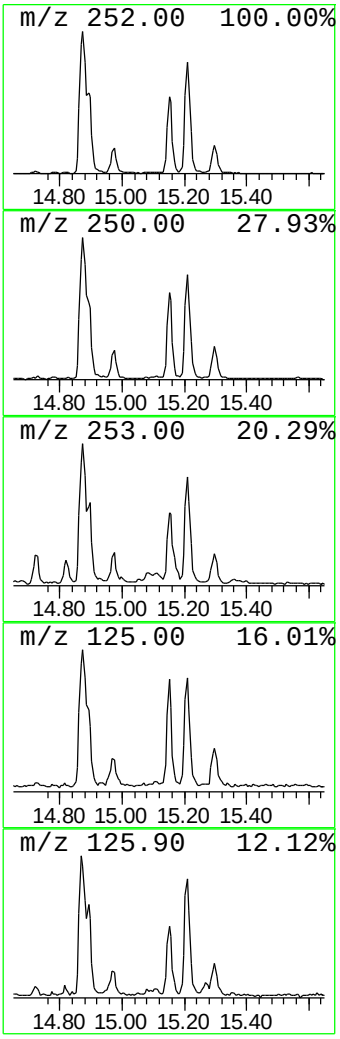
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	5.53 ng	293009	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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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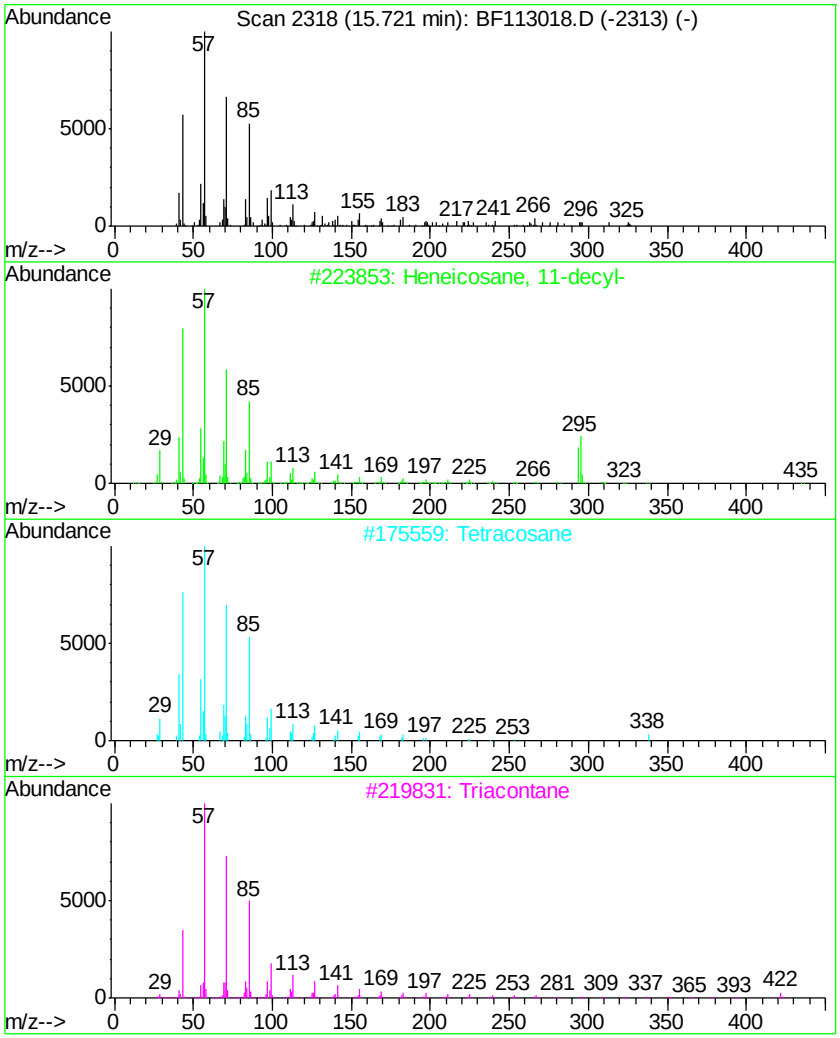
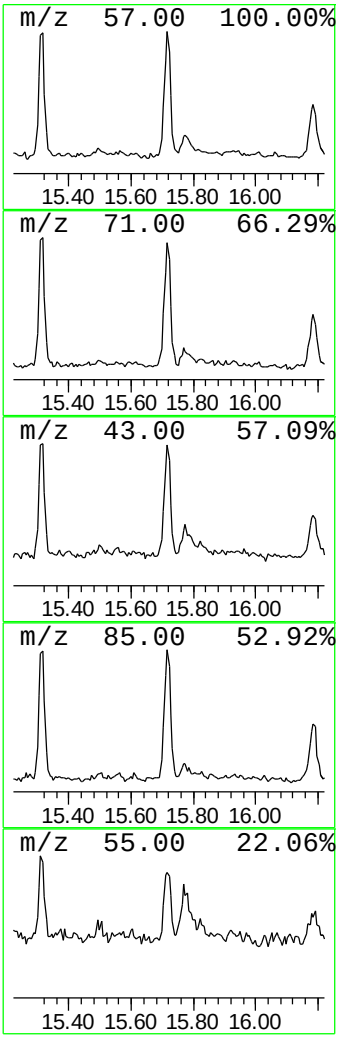
Peak Number 9 Heneicosane, 11-decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.72 ng	144140	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Triacontane	422	C30H62	000638-68-6	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113018.D
Acq On : 12 Mar 2019 22:27
Operator : JU/SJ
Sample : K1847-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-4-031119

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	81.1	ng	4149890	1	6.73	1022950	20.0
n-Hexadecanoic acid	11.77	7.1	ng	473912	4	11.24	1328700	20.0
4H-Cyclopenta[def...	11.85	2.5	ng	169320	4	11.24	1328700	20.0
1-Heneicosyl formate	13.72	4.9	ng	493924	5	13.86	2016250	20.0
Nonadecane	14.64	3.0	ng	160547	6	15.27	1059700	20.0
Octadecane	14.96	5.2	ng	276026	6	15.27	1059700	20.0
Benzo[e]pyrene	15.15	5.5	ng	293009	6	15.27	1059700	20.0
Heneicosane, 11-d...	15.72	2.7	ng	144140	6	15.27	1059700	20.0