LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

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-BF102318.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	2.299	29	36	49	rVB	382059	514336	7.88%	0.662%
2	5.199	524	529	536	rBV	116460	143807	2.20%	0.185%
3	5.587	590	595	598	rBV	2917648	2896232	44.39%	3.730%
4	6.587	759	765	770	rBV	2987607	3245672	49.74%	4.180%
5	6.734	785	790	793	rBV	3430547	3124117	47.88%	4.024%
6	6.963	825	829	834	rBV	1211723	955645	14.65%	1.231%
7	7.122	852	856	859	rBV	2681168	2312760	35.44%	2.979%
8	7.528	920	925	928	rBV	1921297	1938979	29.72%	2.497%
9	8.245	1043	1047	1050	rBV	1450850	1181705	18.11%	1.522%
10	9.322	1225	1230	1233	rBV	3379406	2916379	44.69%	3.756%
11	9.710	1293	1296	1300	rVB	510767	381631	5.85%	0.492%
12	10.004	1342	1346	1350	rBV	1456081	1200602	18.40%	1.546%
13	10.186	1374	1377	1384	rVB3	76241	112016	1.72%	0.144%
14	10.792	1476	1480	1484	rBV	1833225	1679170	25.73%	2.163%
15	11.128	1534	1537	1542	rBV4	53287	85145	1.30%	0.110%
16	11.245	1549	1557	1560	rBV3	236645	603157	9.24%	0.777%
17	11.492	1596	1599	1602	rBV	1073554	1036233	15.88%	1.335%
18	11.516	1602	1603	1607	rVV	281257	217673	3.34%	0.280%
19	11.569	1609	1612	1615	rVB	70119	66462	1.02%	0.086%
20	12.010	1681	1687	1694	rBV3	683500	1074509	16.47%	1.384%
21	12.110	1701	1704	1706	rBV2	91064	106156	1.63%	0.137%
22	12.533	1763	1776	1787	rBV2	1319094	3486514	53.43%	4.491%
23	12.710	1801	1806	1811	rBV2	343747	438132	6.71%	0.564%
24	12.792	1815	1820	1826	rBV2	339766	428766	6.57%	0.552%
25	12.939	1840	1845	1848	rBV	331804	387271	5.94%	0.499%
26	13.080	1865	1869	1872	rVB	2060264	1743635	26.72%	2.246%
27	13.163	1880	1883	1886	rVB	72750	71786	1.10%	0.092%
28	13.269	1894	1901	1904	rBV5	139868	268210	4.11%	0.345%
29	13.339	1904	1913	1922	rVB	2574675	5200068	79.69%	6.698%
30	13.633	1959	1963	1967	rVB2	102320	121290	1.86%	0.156%
31	13.733	1976	1980	1984	rBV	56687	80575	1.23%	0.104%
32	13.957	2008	2018	2022	rVV	3654344	6525093	100.00%	8.404%
33	13.998	2022	2025	2031	rVB	948020	1106393	16.96%	1.425%
34	14.104	2040	2043	2045	rBV	158367	122247	1.87%	0.157%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.139	2045	2049	2052	rVV2	977790	996273	15.27%	1.283%
36	14.163	2052	2053	2061	rVB	141395	125171	1.92%	0.161%
37	14.286	2069	2074	2077	rBV	1001647	1130703	17.33%	1.456%
38	14.486	2100	2108	2113	rBV	3768522	5834709	89.42%	7.515%
39	14.592	2121	2126	2129	rBV	1719696	1772283	27.16%	2.283%
40	14.786	2155	2159	2164	rVB	139869	197184	3.02%	0.254%
41	14.845	2166	2169	2173	rVV	54957	68420	1.05%	0.088%
42	14.910	2175	2180	2186	rVV	2314805	2603995	39.91%	3.354%
43	14.992	2186	2194	2203	rVV	2765083	4685196	71.80%	6.034%
44	15.204	2226	2230	2234	rBV2	132783	224735	3.44%	0.289%
45	15.268	2234	2241	2247	rVB	2015578	2711240	41.55%	3.492%
46	15.327	2248	2251	2255	rBV5	71869	111925	1.72%	0.144%
47	15.563	2279	2291	2302	rBV2	1417392	3056153	46.84%	3.936%
48	15.668	2302	2309	2320	rVB2	2109026	3267673	50.08%	4.209%
49	15.951	2353	2357	2362	rVB2	67490	109482	1.68%	0.141%
50	16.127	2380	2387	2394	rBV	1000544	1631551	25.00%	2.101%
51	16.227	2396	2404	2413	rVB	544233	1215726	18.63%	1.566%
52	16.662	2471	2478	2484	rBV	438474	926213	14.19%	1.193%
53	16.992	2527	2534	2551	rVB2	185977	537380	8.24%	0.692%
54	17.209	2567	2571	2576	rBV4	44713	78272	1.20%	0.101%
55	17.292	2579	2585	2597	rVB2	155381	370948	5.68%	0.478%
56	18.033	2707	2711	2723	rVB3	79135	213709	3.28%	0.275%

Sum of corrected areas: 77641307

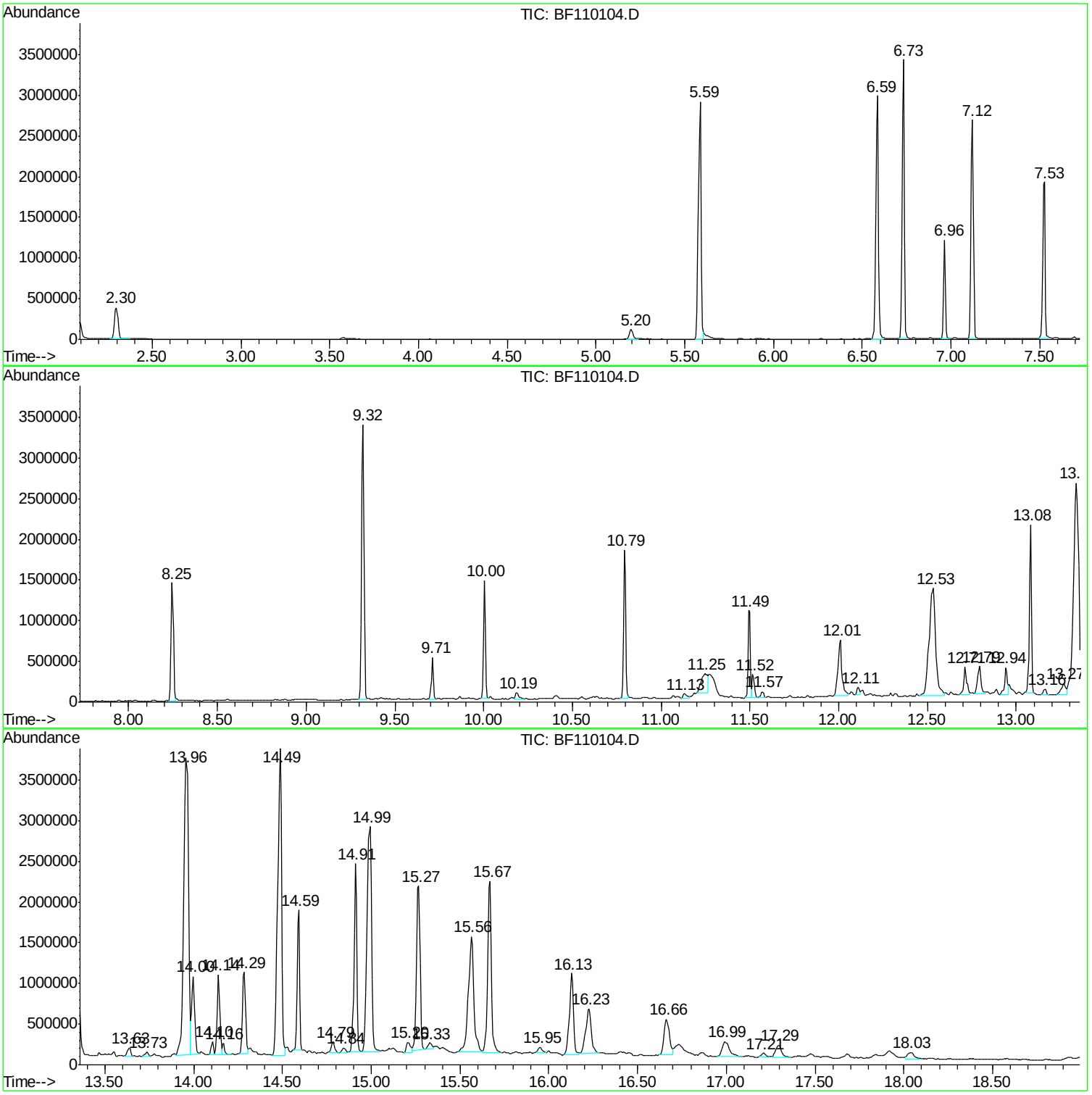
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

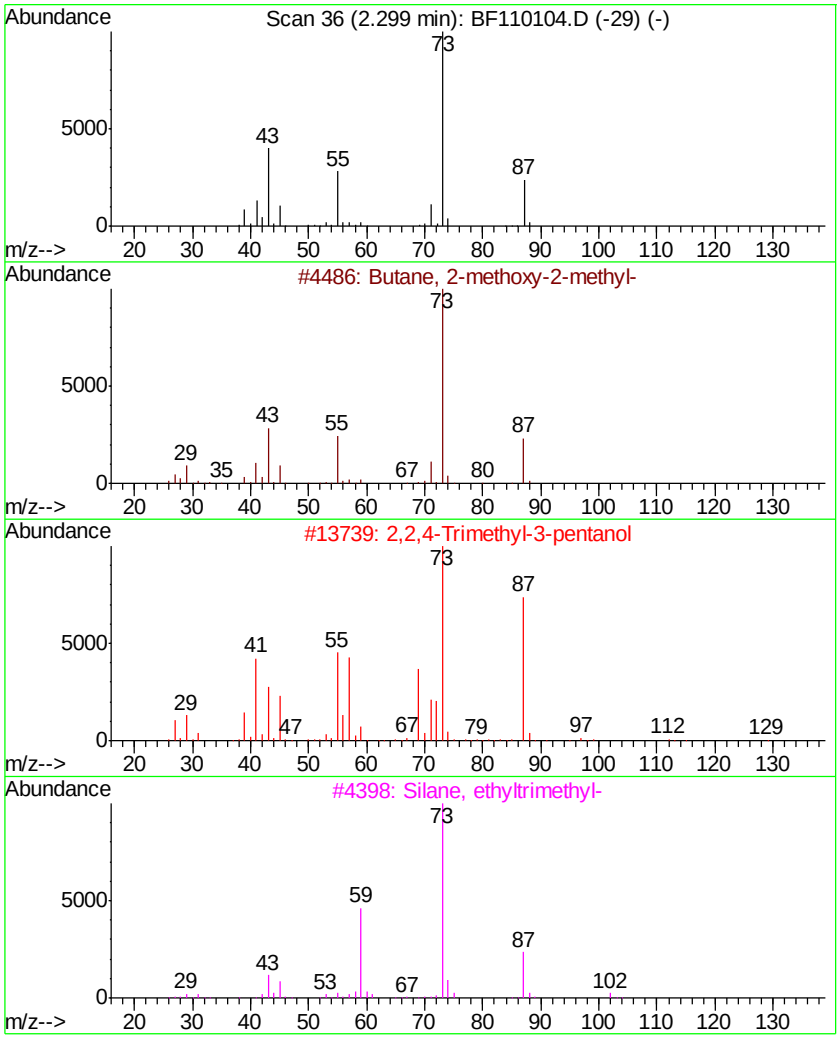
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

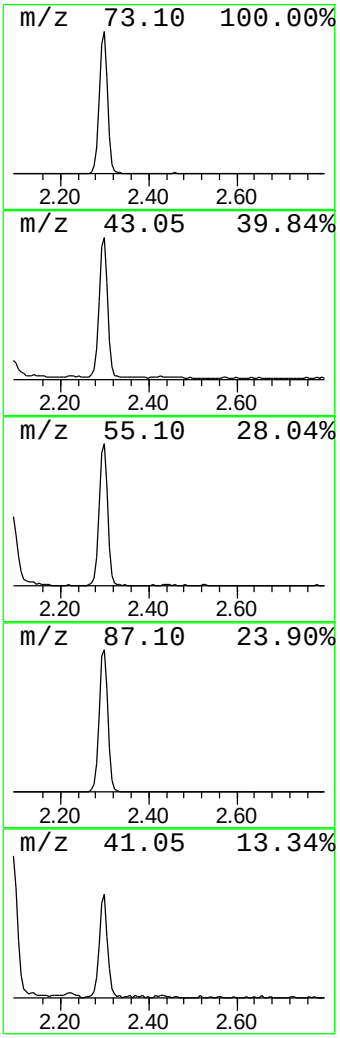
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	10.76 ng	514336	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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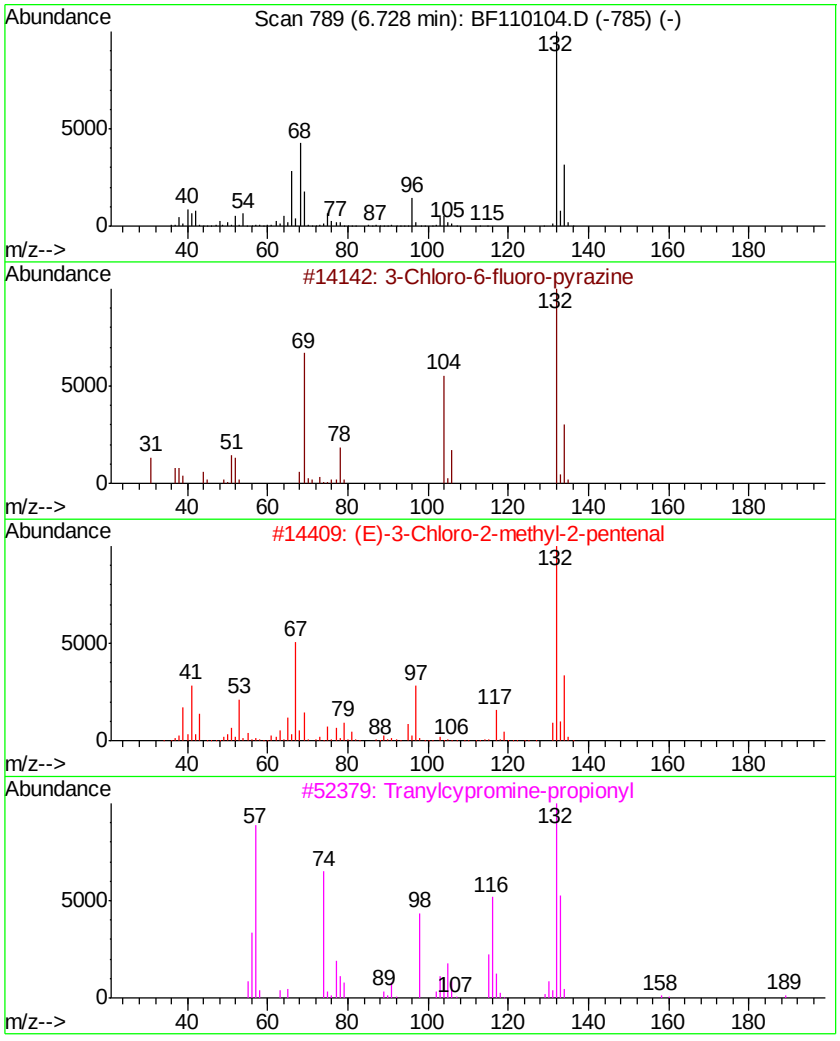
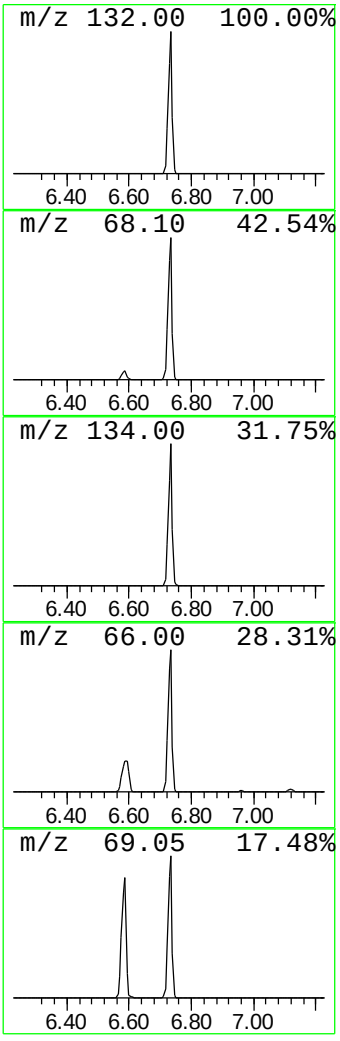
Peak Number 2 unknown6.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	65.38 ng	3124120	1,4-Dichlorobenzene-d4	6.96

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

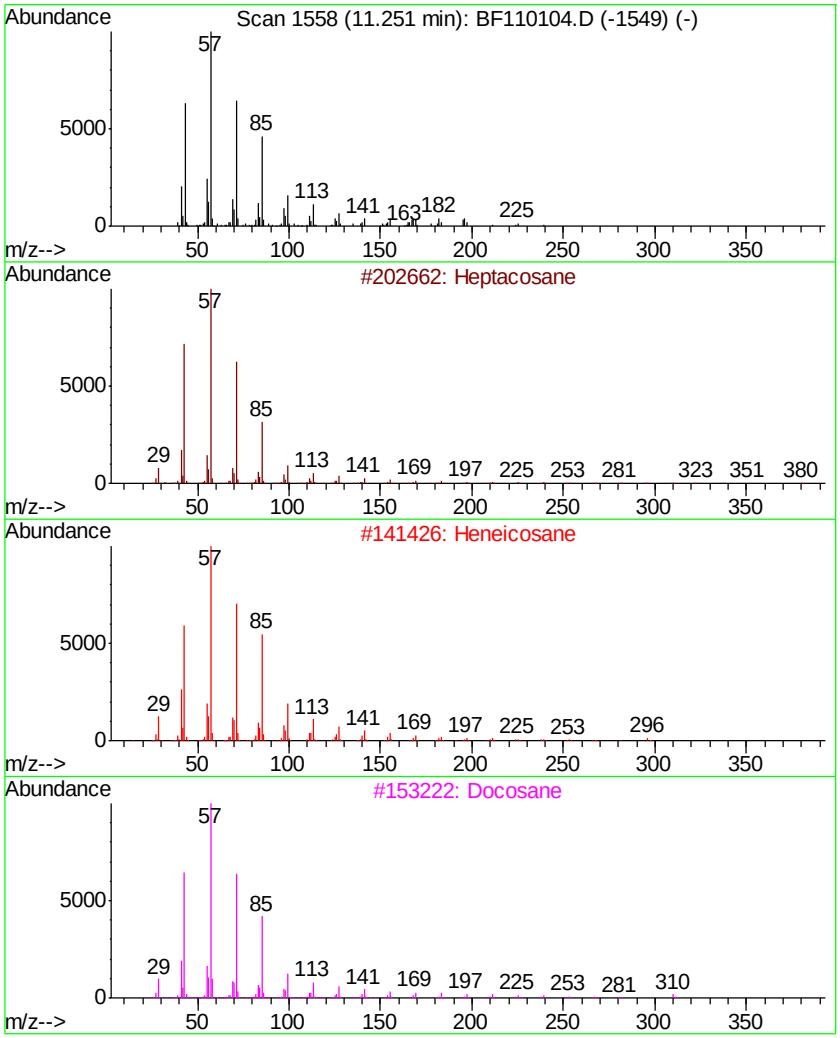
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

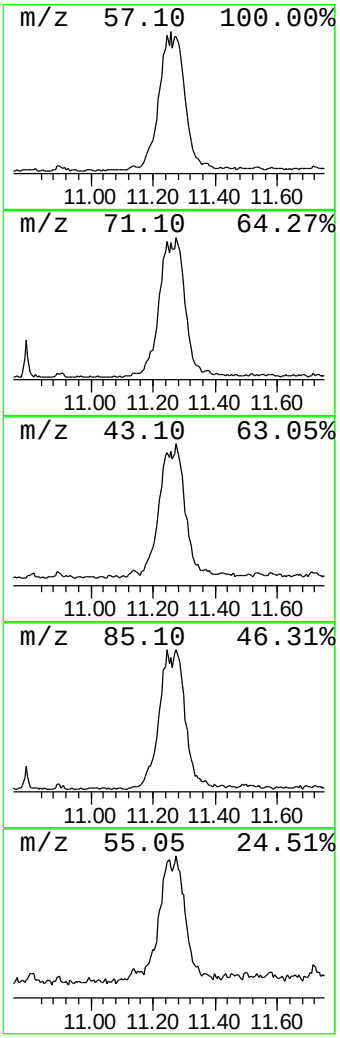
****

Peak Number 4 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	11.64 ng	603157	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane	310	C22H46	000629-97-0	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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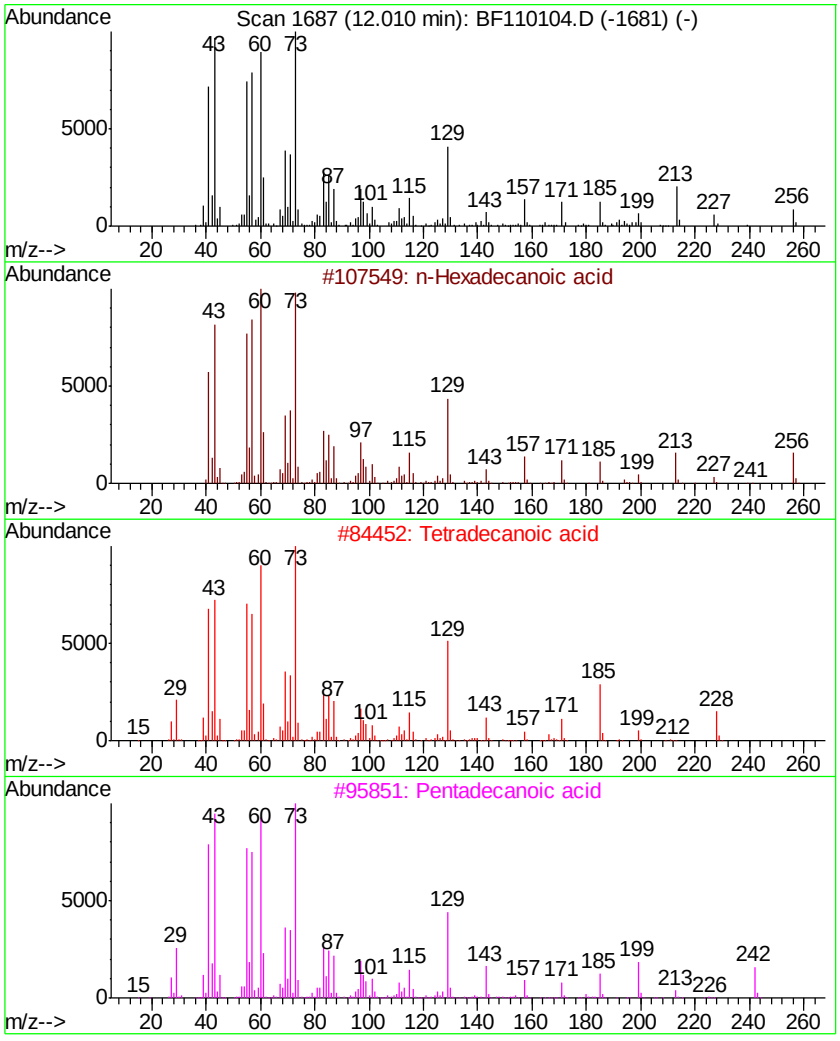
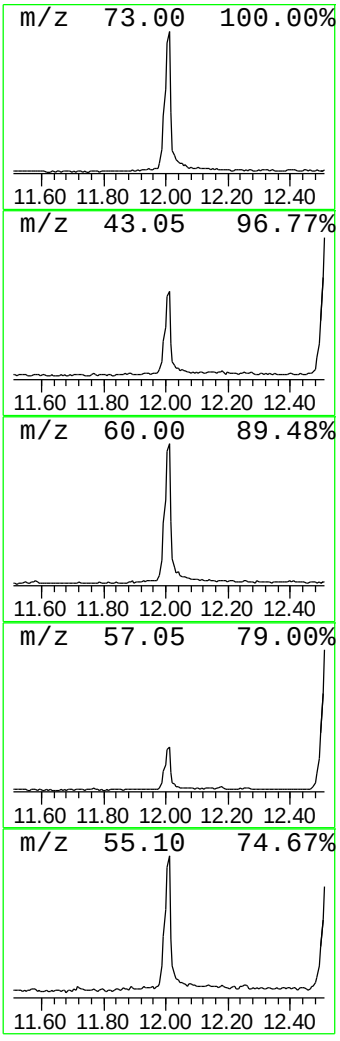
Peak Number 5 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	20.74 ng	1074510	Phenanthrene-d10	11.50

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

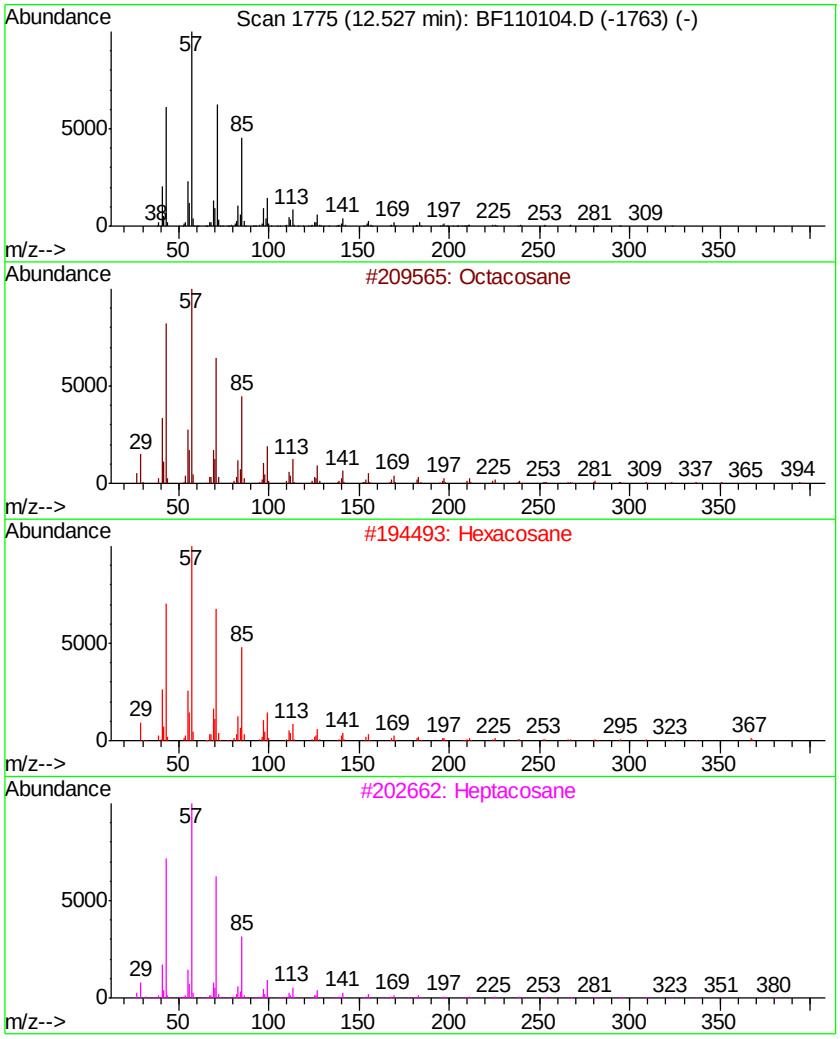
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

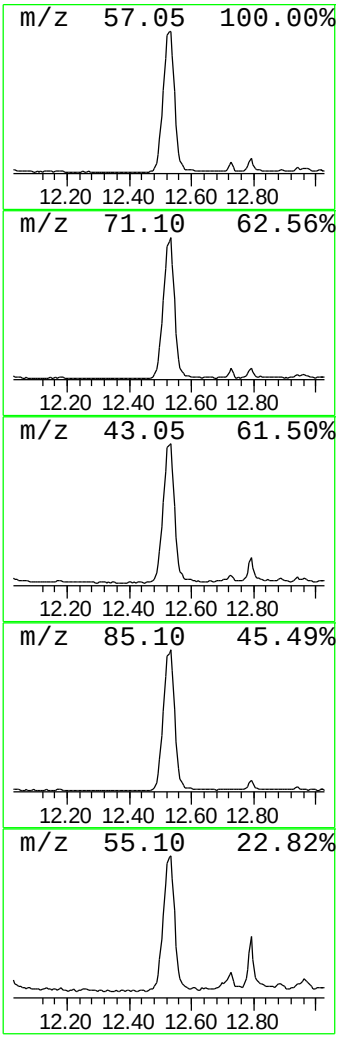
****

Peak Number 6 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	67.29 ng	3486510	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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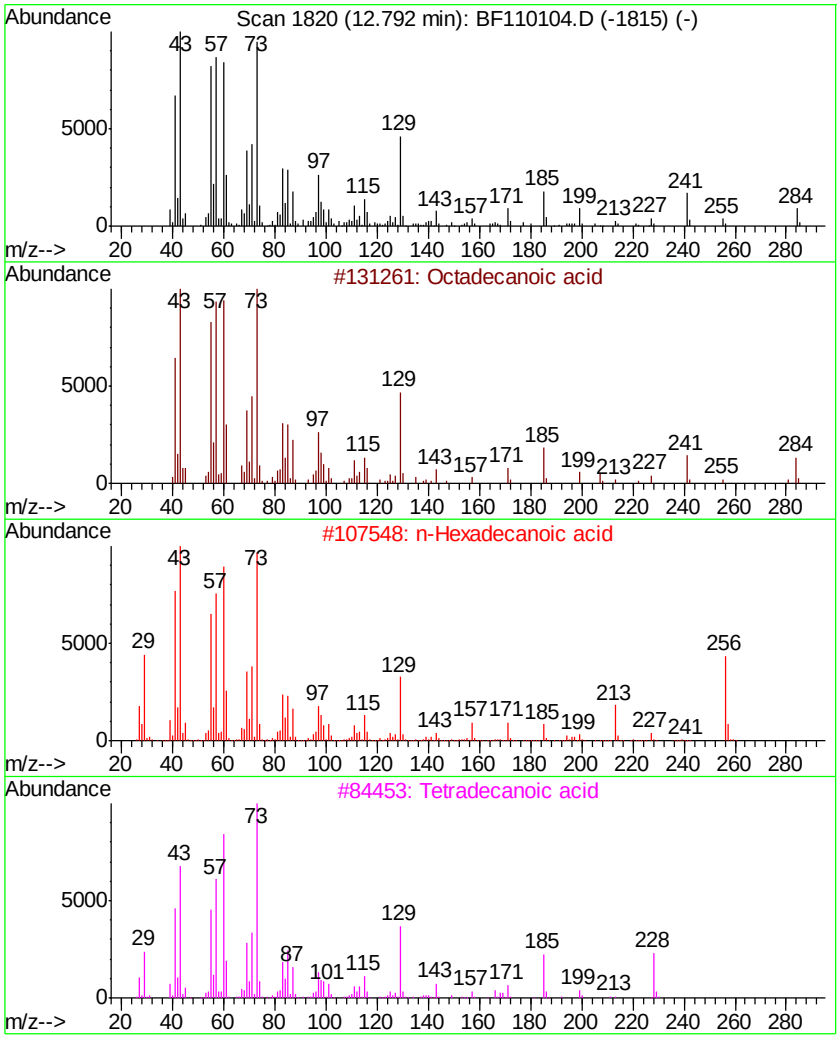
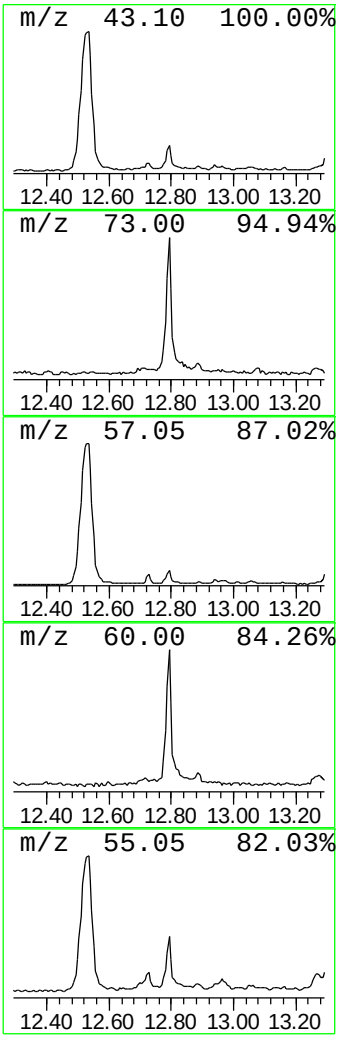
Peak Number 7 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	8.28 ng	428766	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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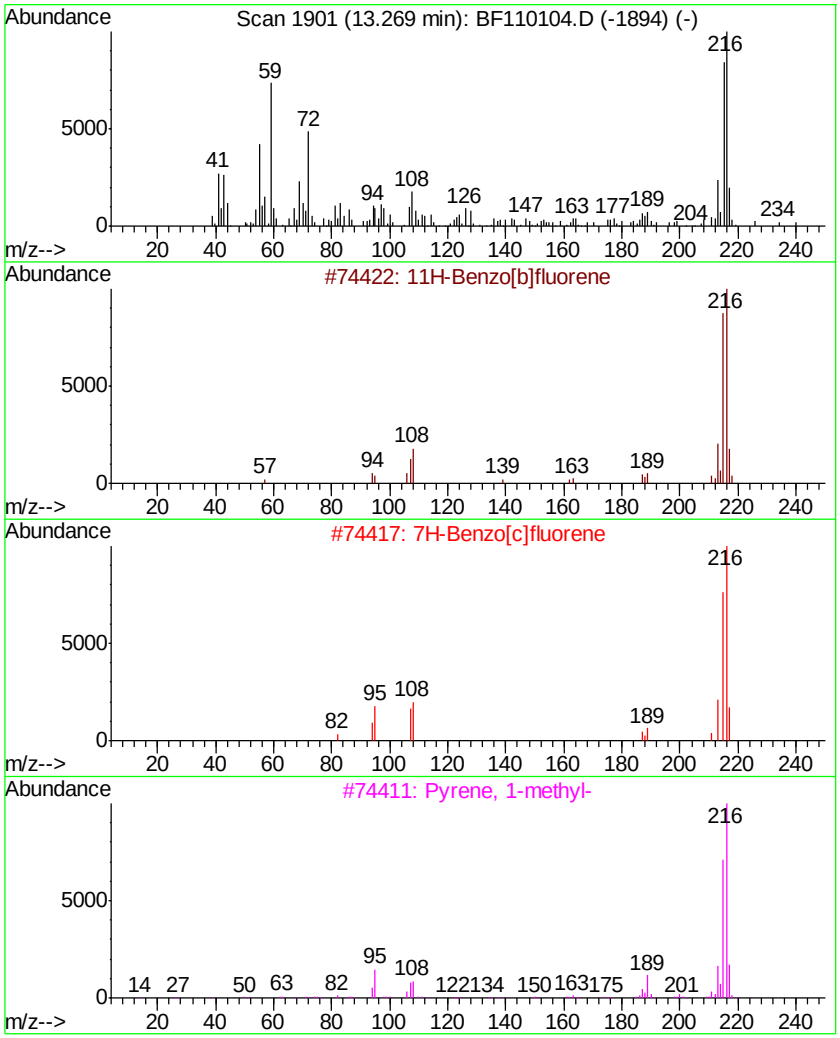
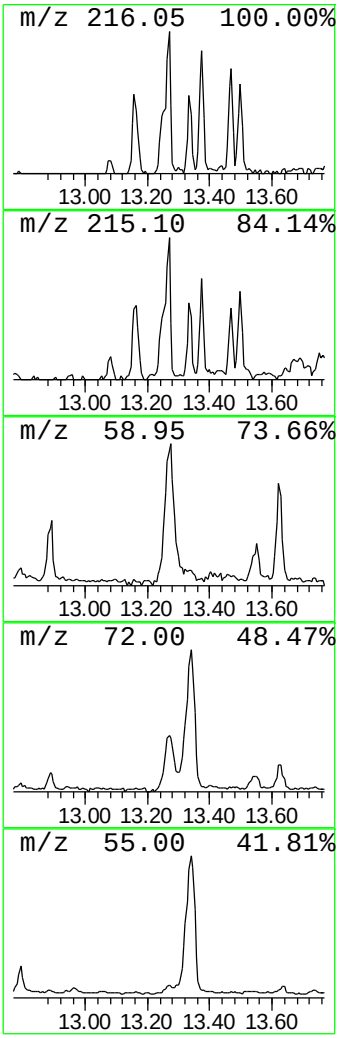
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	5.38 ng	268210	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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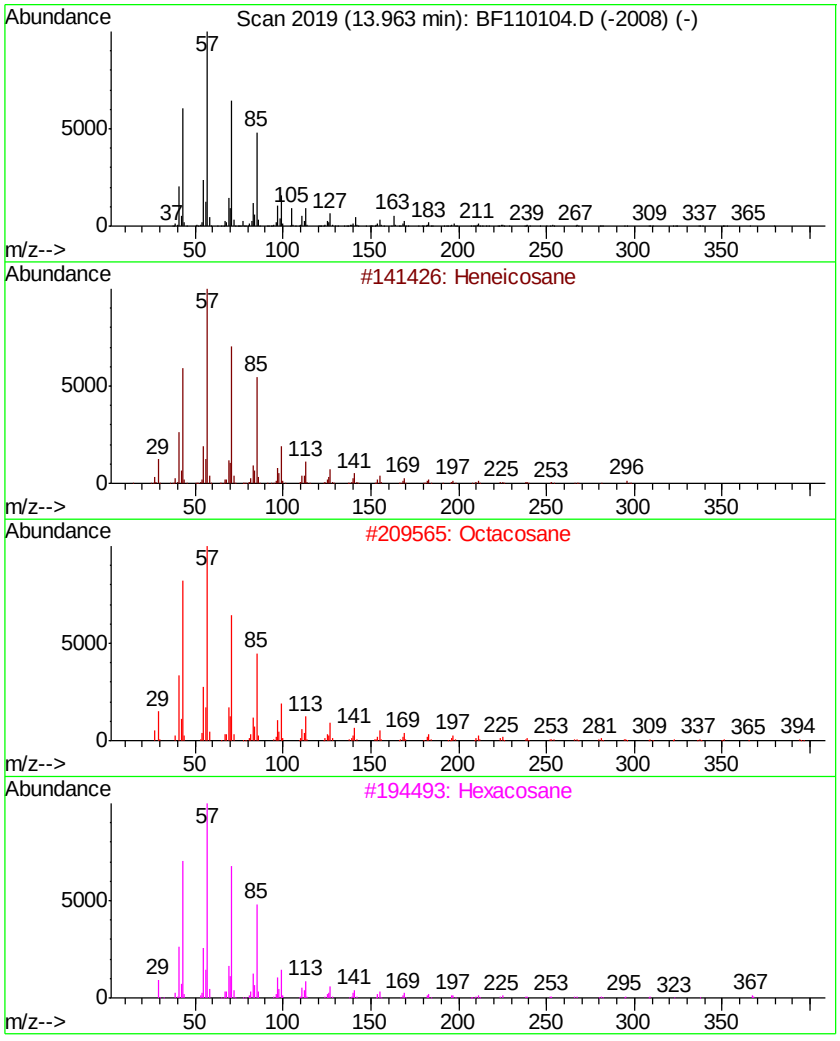
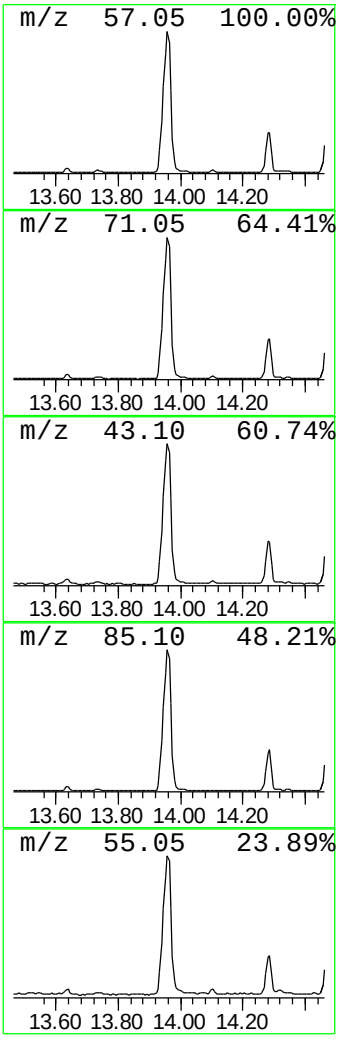
Peak Number 10 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	130.99 ng	6525090	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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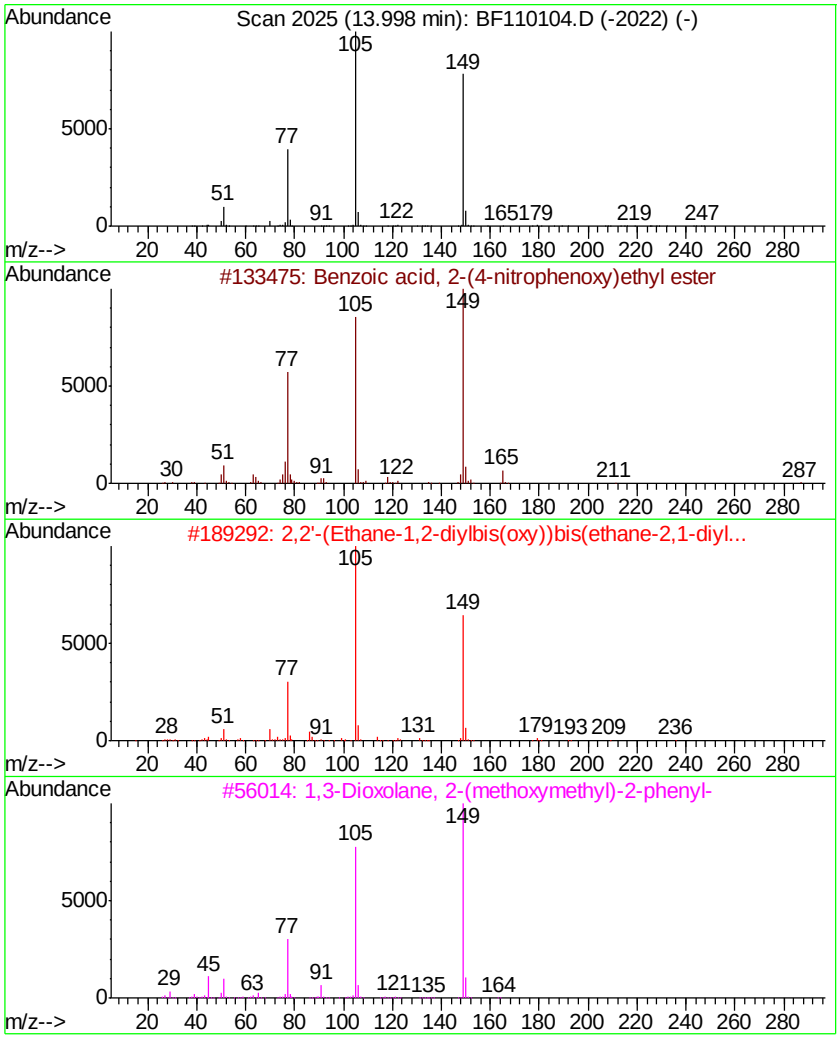
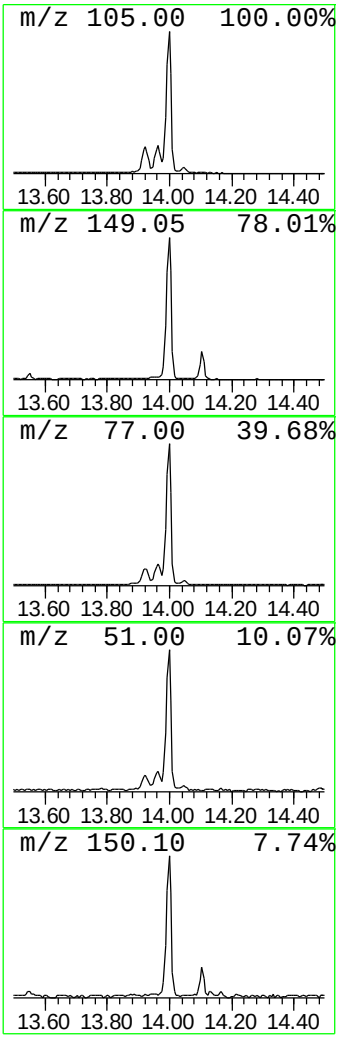
Peak Number 11 Benzoic acid, 2-(4-nitrophe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	22.21 ng	1106390	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	78
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	74
3	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64
4	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	43
5	Cyclobutyl phenyl ketone	160	C11H12O	005407-98-7	35





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Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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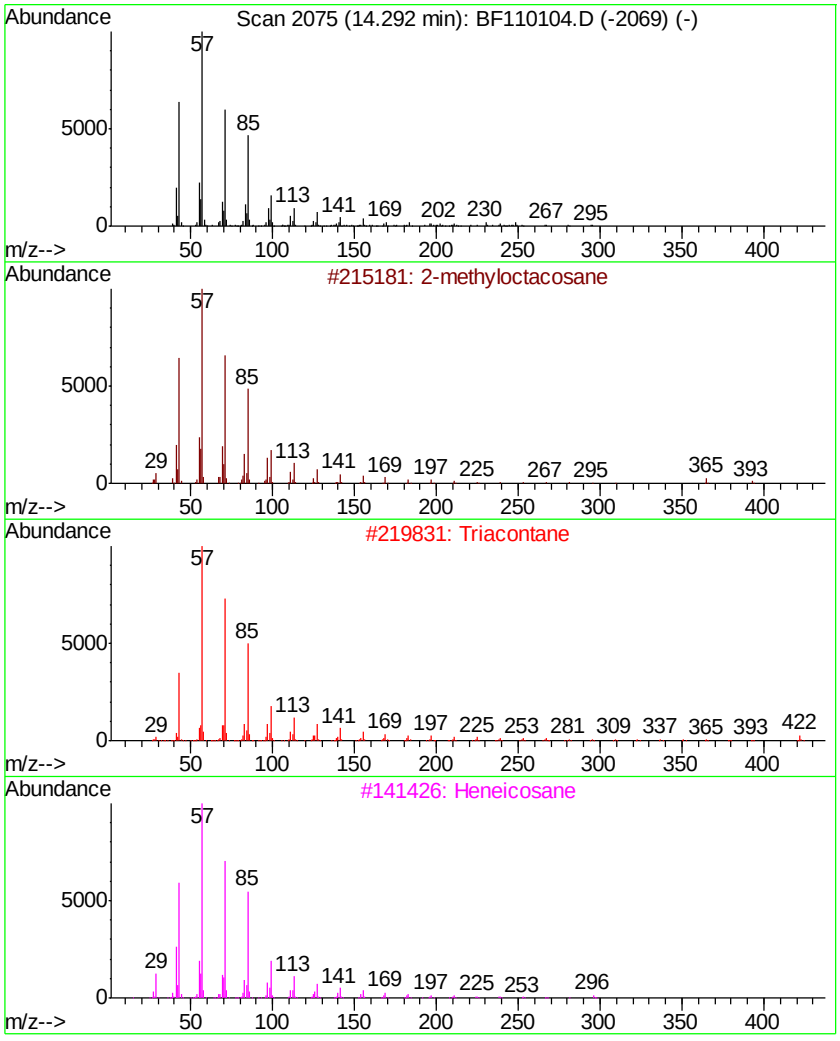
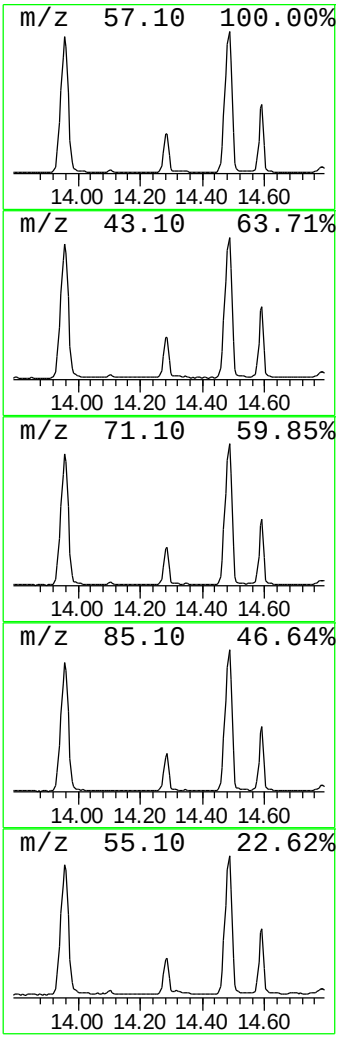
Peak Number 12 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	22.70 ng	1130700	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Hentriacontane	437	C31H64	000630-04-6	87





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Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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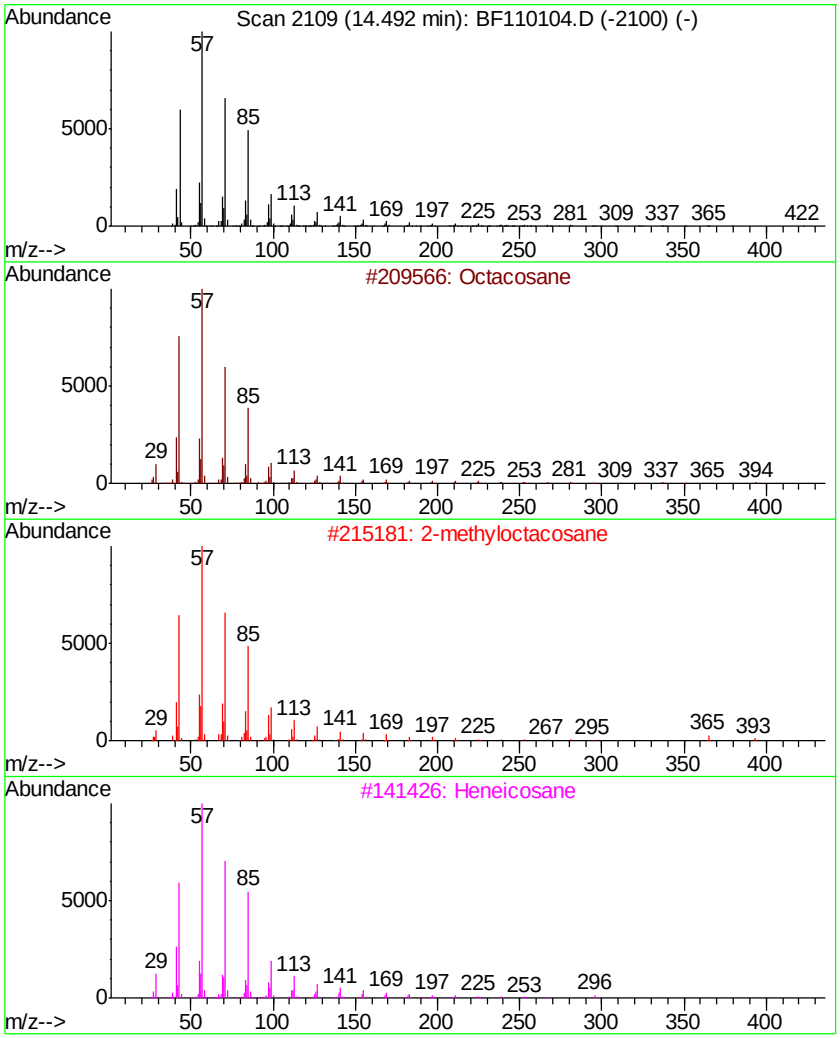
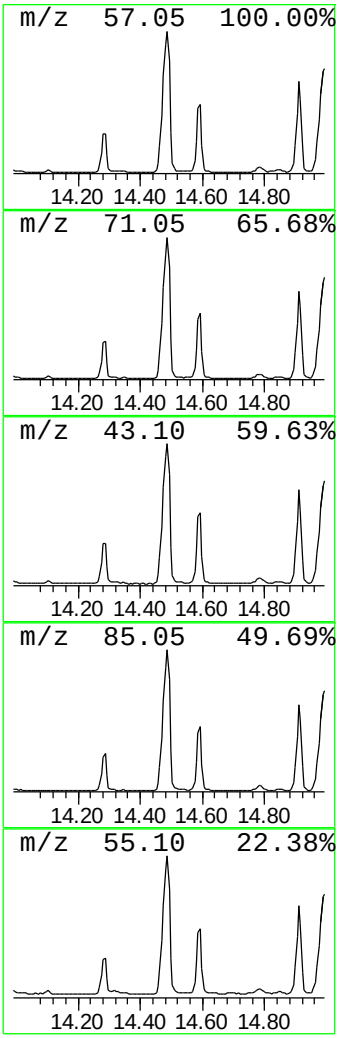
Peak Number 13 Docosane, 11-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	117.13 ng	5834710	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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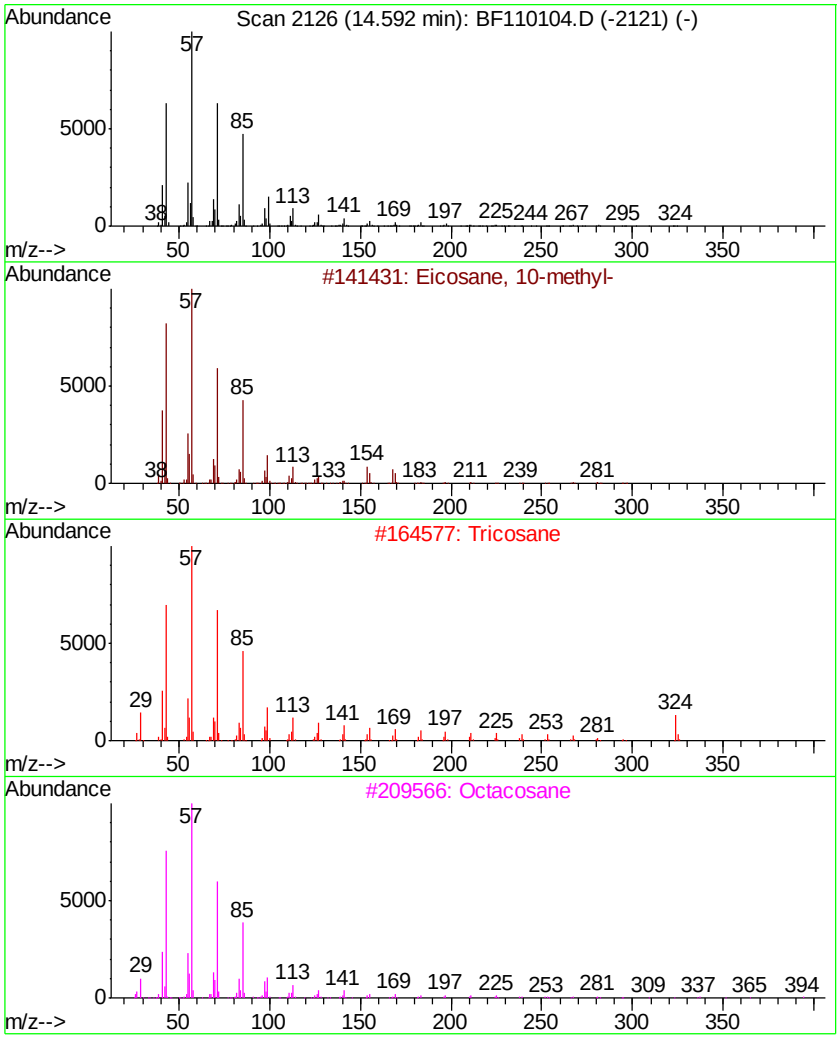
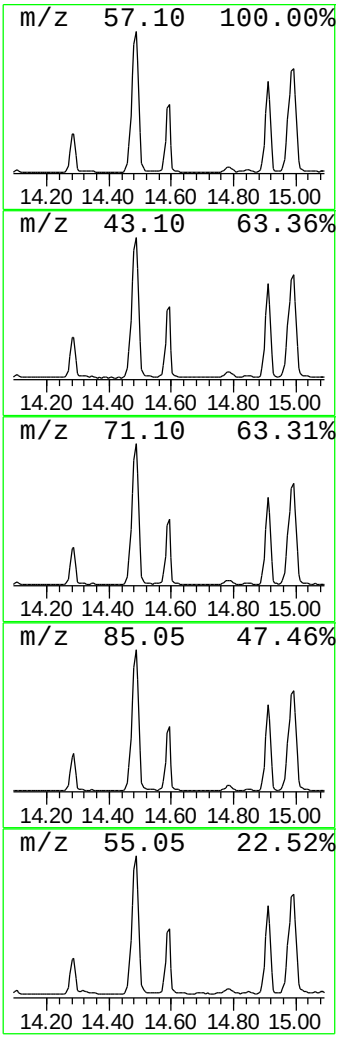
Peak Number 14 Eicosane, 10-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	35.58 ng	1772280	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Tricosane	324	C23H48	000638-67-5	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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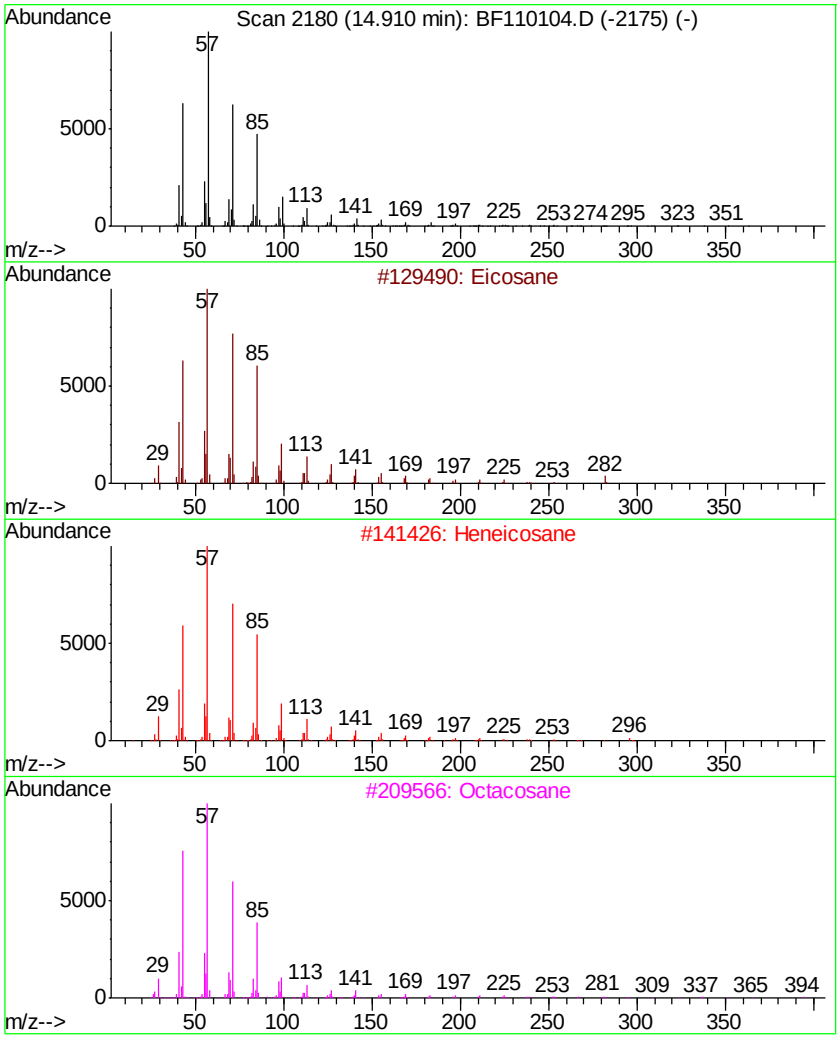
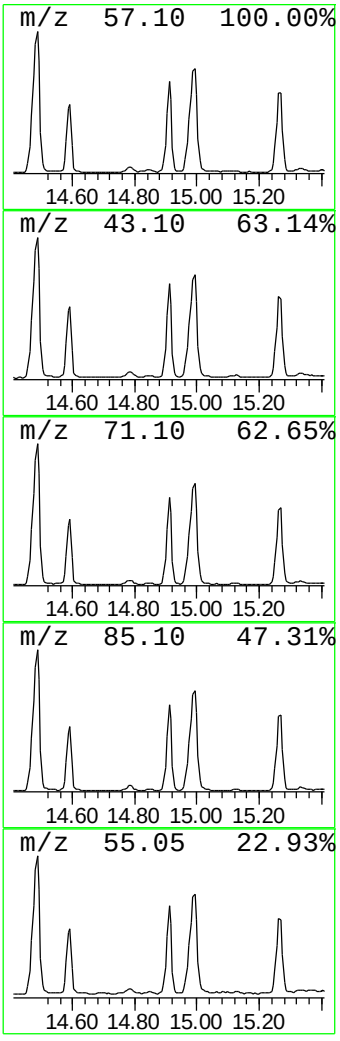
Peak Number 15 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	15.94 ng	2604000	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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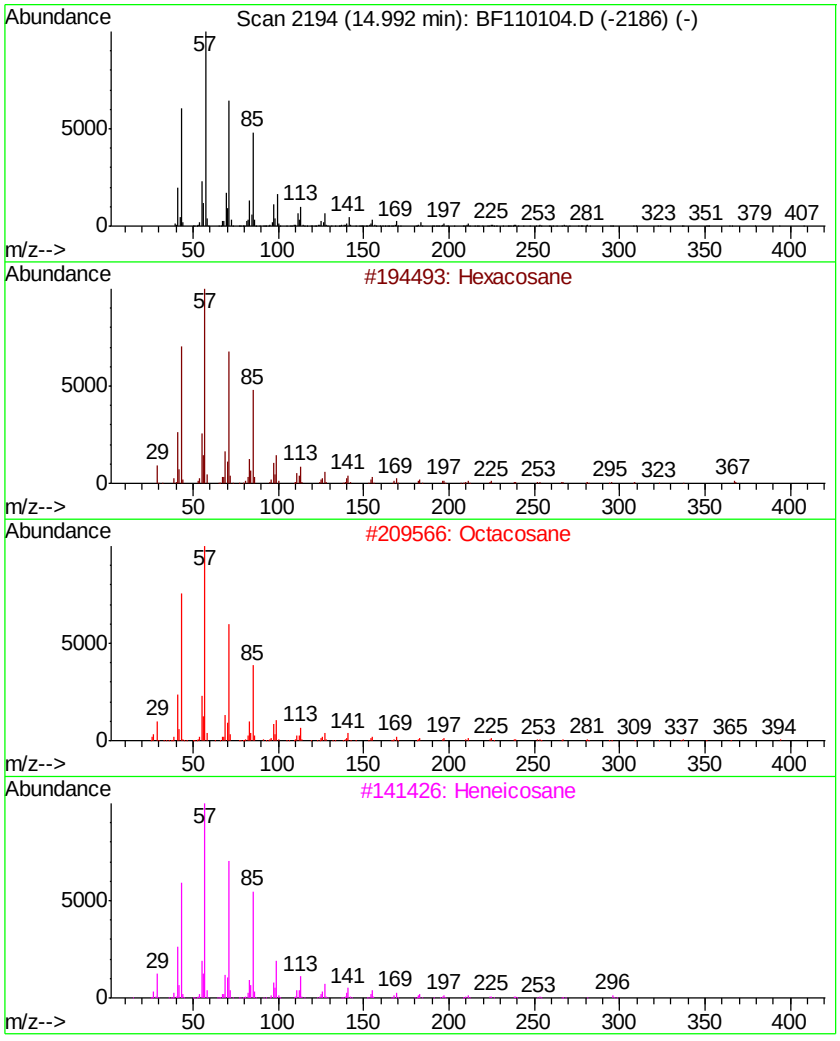
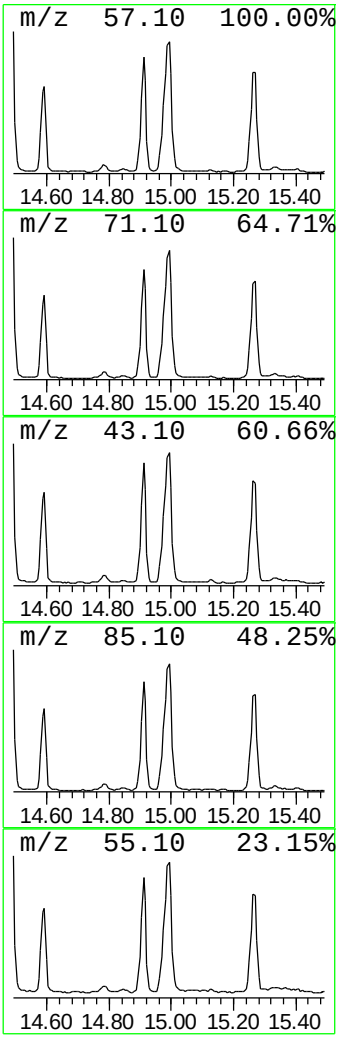
Peak Number 16 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	28.68 ng	4685200	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

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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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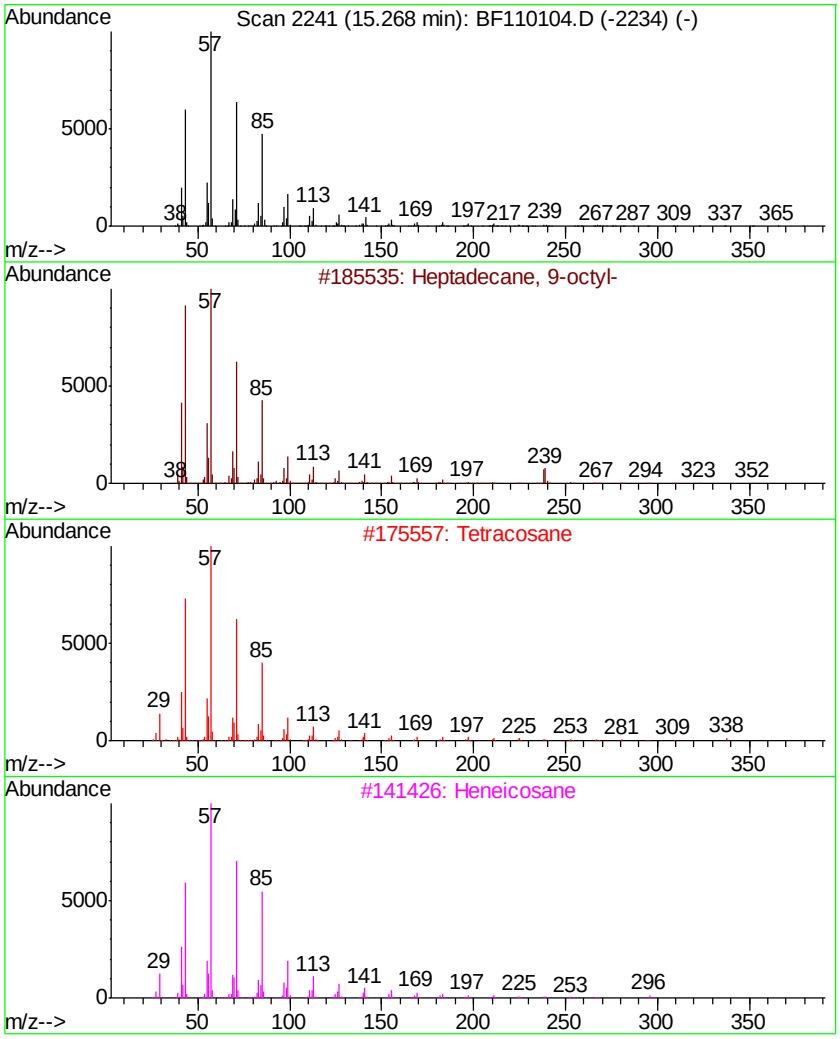
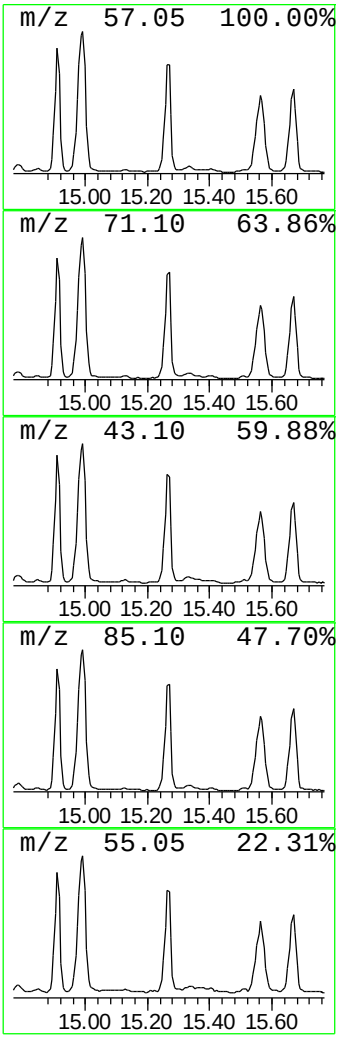
Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	16.59 ng	2711240	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Eicosane	282	C20H42	000112-95-8	87





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Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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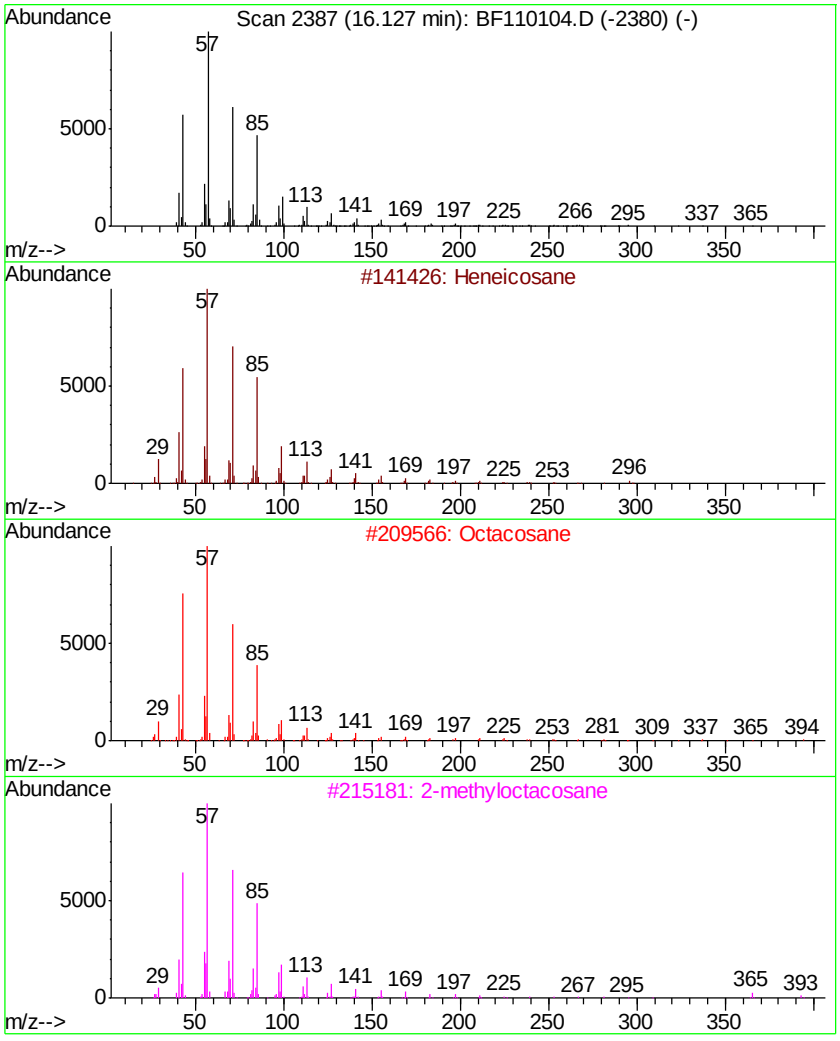
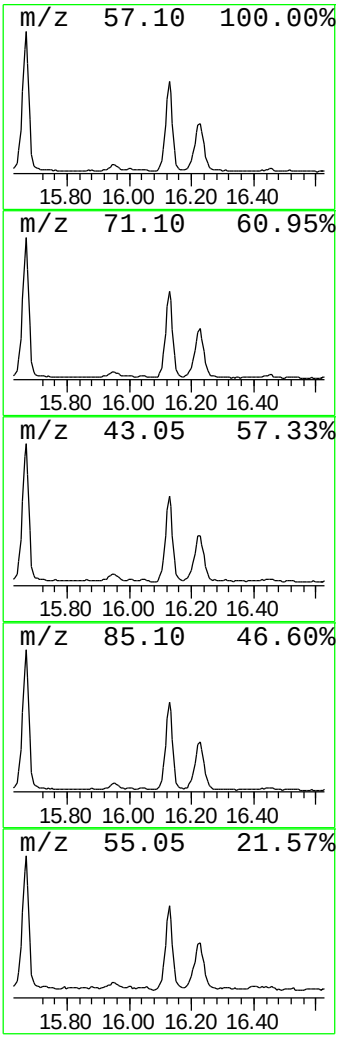
Peak Number 18 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	9.99 ng	1631550	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Triacontane	422	C30H62	000638-68-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
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Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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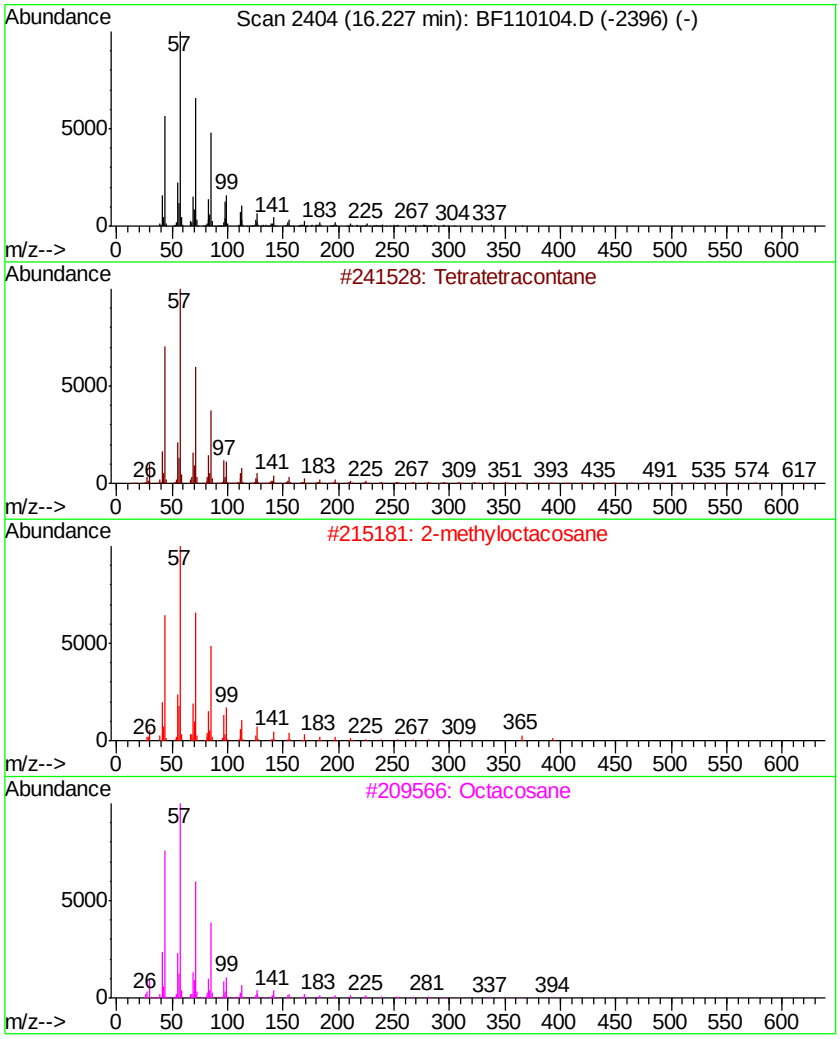
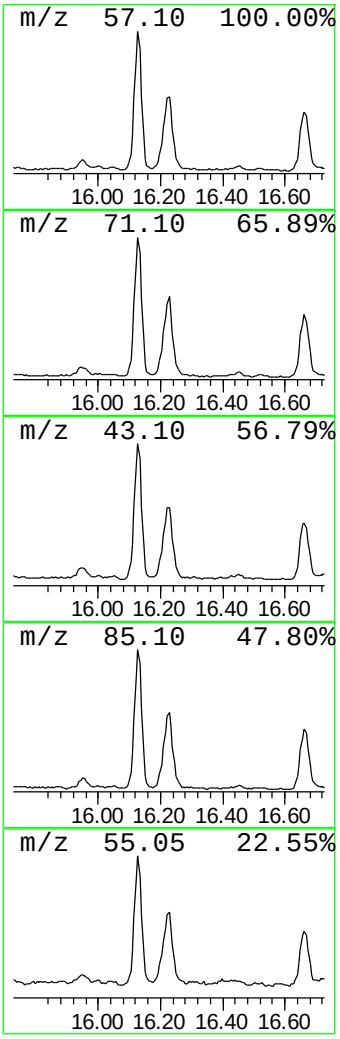
Peak Number 19 Tetratetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	7.44 ng	1215730	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Triacontane	422	C30H62	000638-68-6	91





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Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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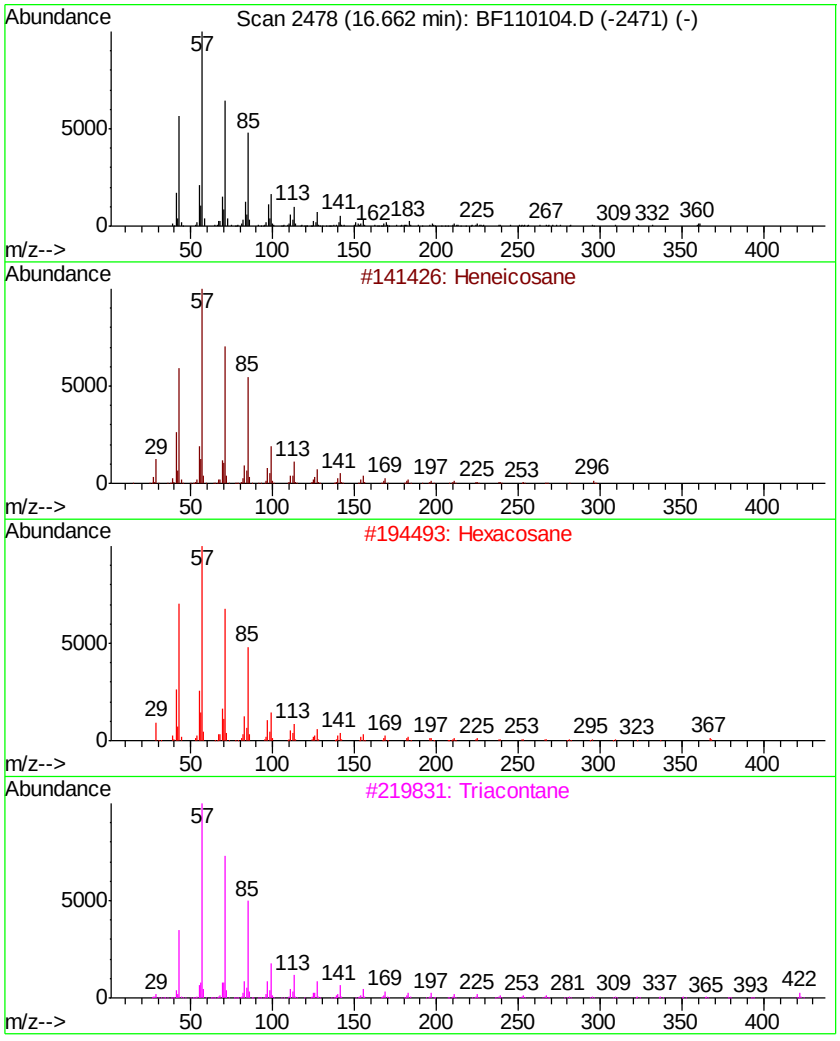
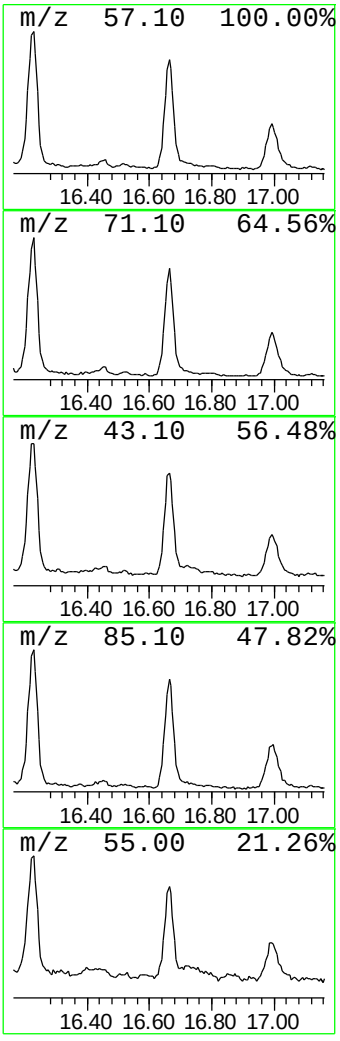
Peak Number 20 Triacontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	5.67 ng	926213	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Tentatively Identified Compound (LSC) summary

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Data File : BF110104.D
Acq On : 24 Oct 2018 10:19
Operator : JU/SJ
Sample : J5610-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.30	10.8	ng	514336	1	6.96	955645	20.0
unknown6.73	6.73	65.4	ng	3124120	1	6.96	955645	20.0
Heptacosane	11.25	11.6	ng	603157	4	11.50	1036230	20.0
n-Hexadecanoic acid	12.01	20.7	ng	1074510	4	11.50	1036230	20.0
Octacosane	12.53	67.3	ng	3486510	4	11.50	1036230	20.0
Octadecanoic acid	12.79	8.3	ng	428766	4	11.50	1036230	20.0
11H-Benzo[b]fluorene	13.27	5.4	ng	268210	5	14.14	996273	20.0
Heneicosane	13.96	131.0	ng	6525090	5	14.14	996273	20.0
Benzoic acid, 2-(...	14.00	22.2	ng	1106390	5	14.14	996273	20.0
2-methyloctacosane	14.29	22.7	ng	1130700	5	14.14	996273	20.0
Docosane, 11-butyl-	14.49	117.1	ng	5834710	5	14.14	996273	20.0
Eicosane, 10-methyl-	14.59	35.6	ng	1772280	5	14.14	996273	20.0
Eicosane	14.91	15.9	ng	2604000	6	15.66	3267670	20.0
Hexacosane	14.99	28.7	ng	4685200	6	15.66	3267670	20.0
Heptadecane, 9-oc...	15.27	16.6	ng	2711240	6	15.66	3267670	20.0
Octadecane	16.13	10.0	ng	1631550	6	15.66	3267670	20.0
Tetratetracontane	16.23	7.4	ng	1215730	6	15.66	3267670	20.0
Triacontane	16.66	5.7	ng	926213	6	15.66	3267670	20.0