LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125983.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	9	15	rVB	3180837	4092597	92.98%	8.203%
2	5.075	499	508	515	rVB2	114650	163863	3.72%	0.328%
3	5.475	571	576	579	rBV	4497554	4401354	100.00%	8.822%
4	6.481	742	747	750	rBV	4167694	4382484	99.57%	8.784%
5	6.857	807	811	814	rBV	1457761	1118169	25.41%	2.241%
6	7.416	901	906	909	rBV	3099934	2878469	65.40%	5.770%
7	8.045	1009	1013	1025	rBV	885827	878164	19.95%	1.760%
8	8.139	1025	1029	1032	rBV	1797769	1456703	33.10%	2.920%
9	9.216	1207	1212	1215	rBV	4693109	3967961	90.15%	7.953%
10	9.892	1323	1327	1330	rBV	1917663	1512482	34.36%	3.032%
11	10.092	1357	1361	1365	rBV3	48043	58258	1.32%	0.117%
12	10.680	1456	1461	1464	rBV	2758397	2670598	60.68%	5.353%
13	10.780	1475	1478	1480	rBV	53787	46672	1.06%	0.094%
14	10.986	1505	1513	1514	rBV4	39169	74899	1.70%	0.150%
15	11.375	1575	1579	1582	rBV	1839619	1530401	34.77%	3.068%
16	11.398	1582	1583	1586	rVV	240147	141966	3.23%	0.285%
17	11.445	1586	1591	1595	rVB3	97799	106404	2.42%	0.213%
18	11.775	1641	1647	1654	rVB2	62807	81005	1.84%	0.162%
19	11.874	1661	1664	1665	rBV	66940	57826	1.31%	0.116%
20	11.904	1665	1669	1675	rVB	564594	533324	12.12%	1.069%
21	11.986	1680	1683	1685	rVV2	130160	133237	3.03%	0.267%
22	12.010	1685	1687	1690	rVB	58896	49255	1.12%	0.099%
23	12.086	1696	1700	1706	rVB5	81027	134259	3.05%	0.269%
24	12.174	1712	1715	1716	rBV3	53024	50435	1.15%	0.101%
25	12.192	1716	1718	1722	rVB2	47786	44899	1.02%	0.090%
26	12.322	1738	1740	1743	rVB	72427	65422	1.49%	0.131%
27	12.427	1752	1758	1761	rBV	109659	149121	3.39%	0.299%
28	12.510	1769	1772	1776	rVB4	55914	67166	1.53%	0.135%
29	12.586	1781	1785	1788	rVV	816787	659446	14.98%	1.322%
30	12.686	1798	1802	1808	rBV3	104686	160701	3.65%	0.322%
31	12.816	1818	1824	1826	rBV	780471	734410	16.69%	1.472%
32	12.880	1826	1835	1842	rVV	424935	1096780	24.92%	2.198%
33	12.963	1845	1849	1852	rBV	3380690	2936216	66.71%	5.885%
34	13.033	1857	1861	1864	rBV3	84383	122749	2.79%	0.246%
35	13.121	1873	1876	1877	rBV2	51899	58069	1.32%	0.116%
36	13.139	1877	1879	1882	rVB	125018	125251	2.85%	0.251%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.210	1882	1891	1893	rBV2	104658	176588	4.01%	0.354%
38	13.245	1893	1897	1900	rBV	126024	117881	2.68%	0.236%
39	13.339	1910	1913	1915	rBV	74029	63561	1.44%	0.127%
40	13.369	1915	1918	1923	rVV2	89761	106794	2.43%	0.214%
41	13.445	1929	1931	1938	rVB7	41170	47334	1.08%	0.095%
42	13.545	1945	1948	1954	rVB3	75669	111979	2.54%	0.224%
43	13.645	1962	1965	1971	rVB	75722	95324	2.17%	0.191%
44	13.763	1978	1985	1991	rBV2	569212	1165562	26.48%	2.336%
45	13.810	1991	1993	1997	rVV2	83396	100770	2.29%	0.202%
46	13.851	1997	2000	2002	rVV2	115652	143555	3.26%	0.288%
47	13.874	2002	2004	2012	rVB3	524572	713681	16.22%	1.431%
48	14.010	2023	2027	2030	rBV2	1298337	1561347	35.47%	3.130%
49	14.039	2030	2032	2034	rVB	340894	258440	5.87%	0.518%
50	14.186	2055	2057	2062	rVB2	86194	98134	2.23%	0.197%
51	14.398	2088	2093	2097	rBV	715647	1128734	25.65%	2.262%
52	14.433	2097	2099	2103	rVB2	82989	133010	3.02%	0.267%
53	14.515	2111	2113	2116	rVB4	143720	147321	3.35%	0.295%
54	14.880	2172	2175	2180	rVB4	53973	82586	1.88%	0.166%
55	14.980	2185	2192	2198	rBV	472330	940518	21.37%	1.885%
56	15.051	2200	2204	2207	rBV	360464	550490	12.51%	1.103%
57	15.157	2217	2222	2226	rVB2	96432	166018	3.77%	0.333%
58	15.351	2251	2255	2261	rVB	228432	278781	6.33%	0.559%
59	15.415	2262	2266	2271	rVB	325225	391091	8.89%	0.784%
60	15.480	2272	2277	2280	rBV	965667	1162925	26.42%	2.331%
61	15.627	2297	2302	2310	rVB	378980	751404	17.07%	1.506%
62	16.039	2364	2372	2383	rBV10	200787	590692	13.42%	1.184%
63	16.380	2423	2430	2439	rVB	290726	703943	15.99%	1.411%
64	16.757	2489	2494	2505	rVB6	139325	341018	7.75%	0.684%
65	16.927	2518	2523	2531	rVB2	170065	356756	8.11%	0.715%
66	17.274	2577	2582	2590	rVB3	158565	445602	10.12%	0.893%
67	17.362	2593	2597	2605	rVV	102670	217190	4.93%	0.435%

Sum of corrected areas: 49890044

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
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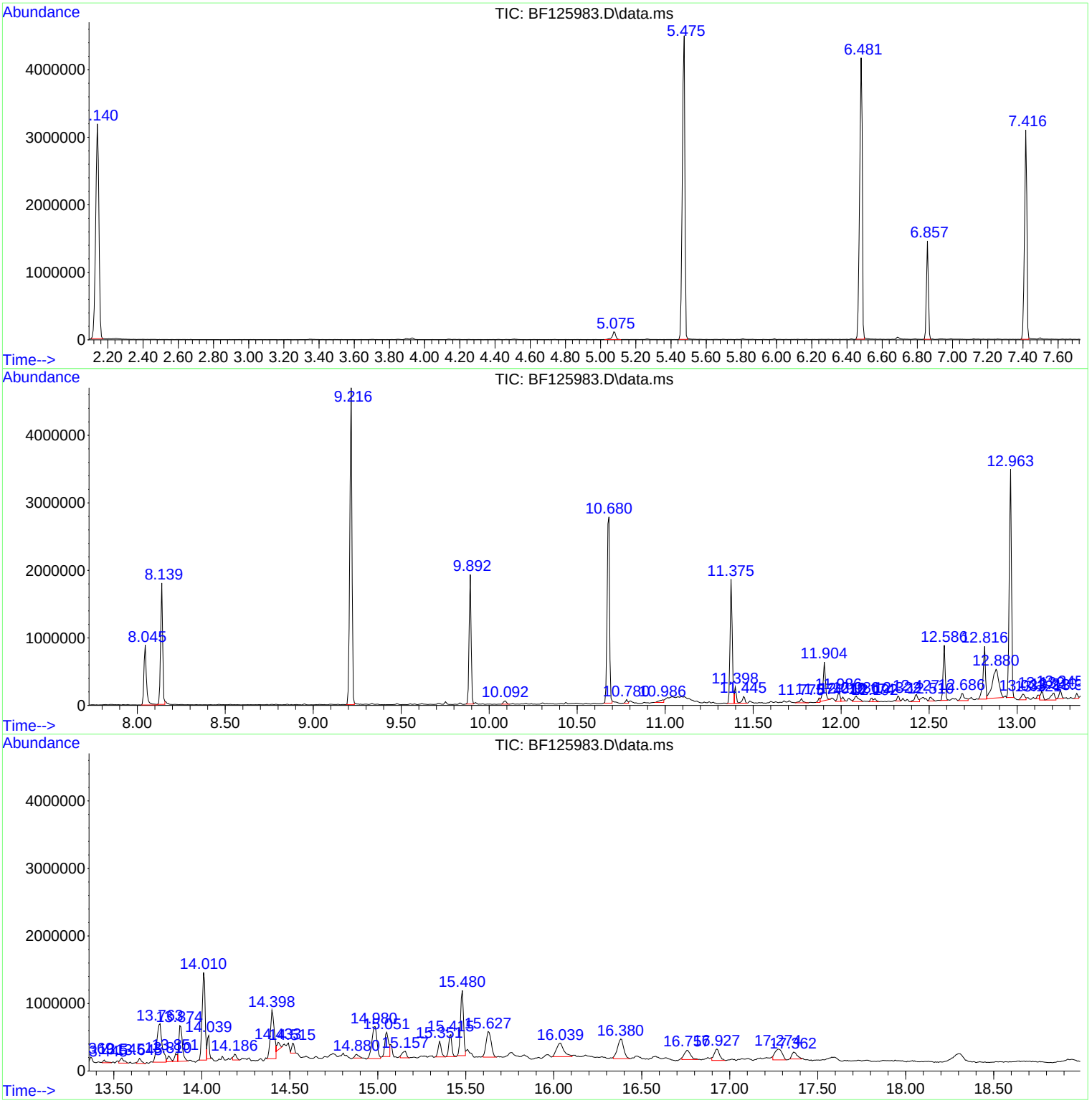
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

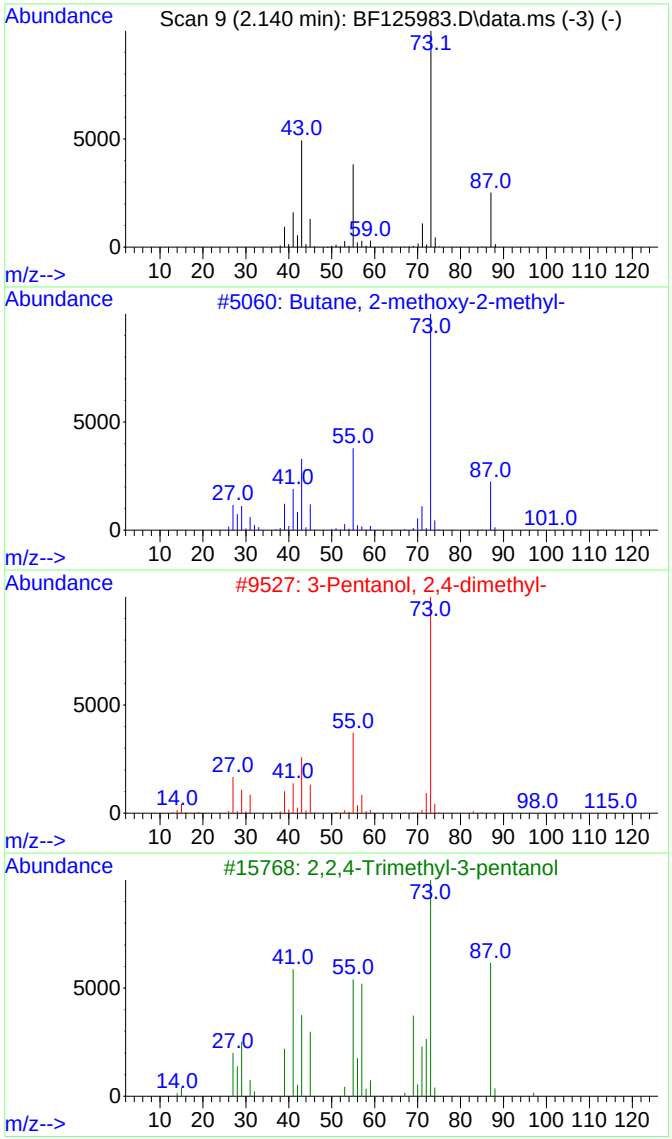
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

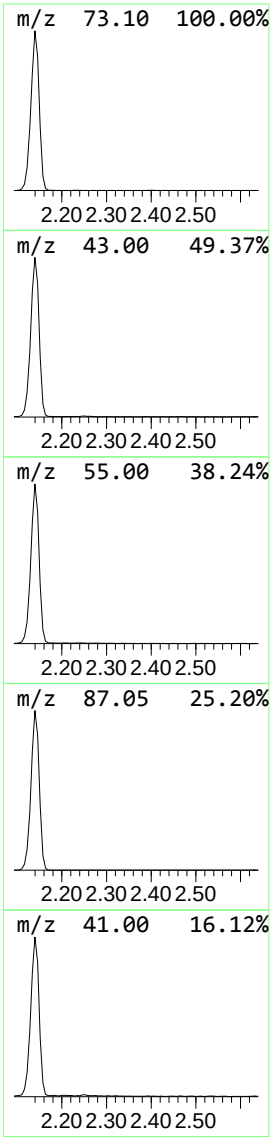
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	73.20 ng	4092600	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

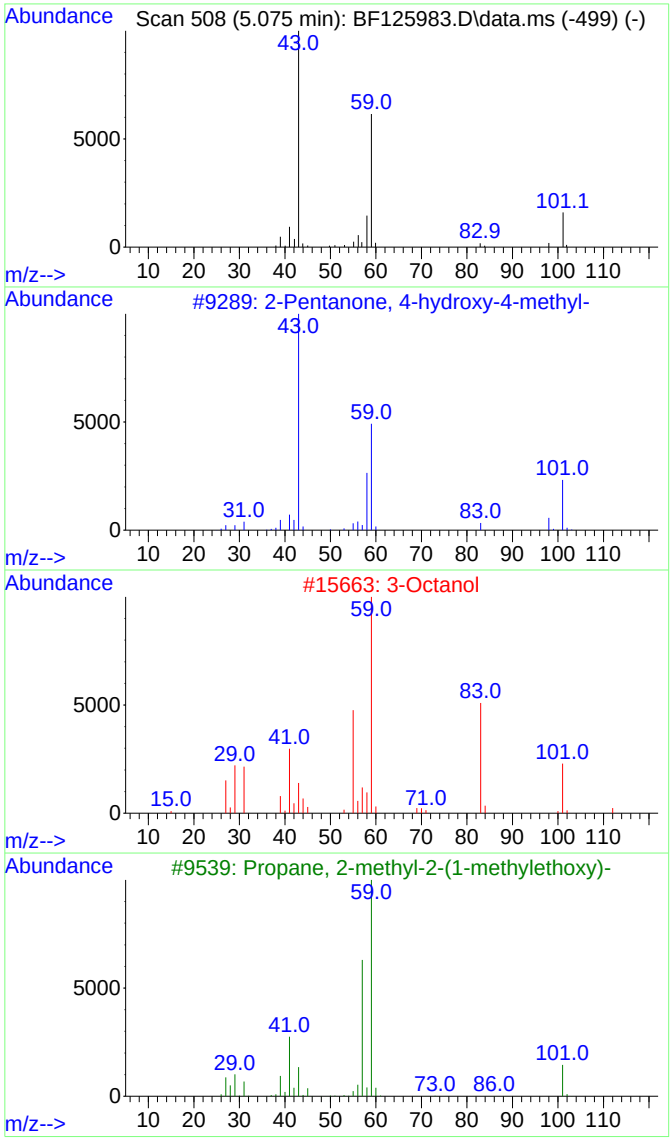
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

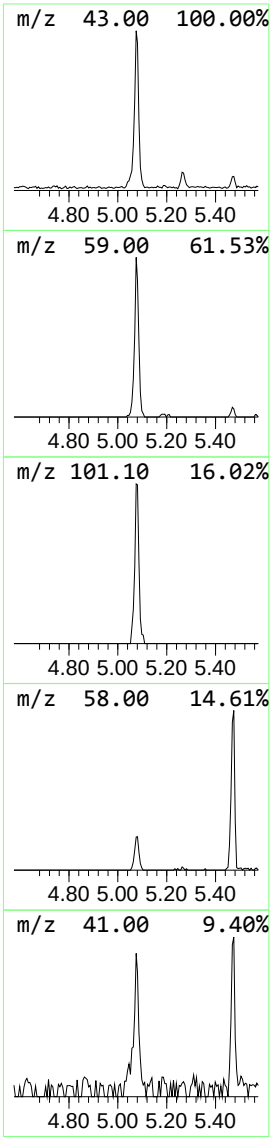
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	2.93 ng	163863	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Octanol	130	C8H18O	000589-98-0	36
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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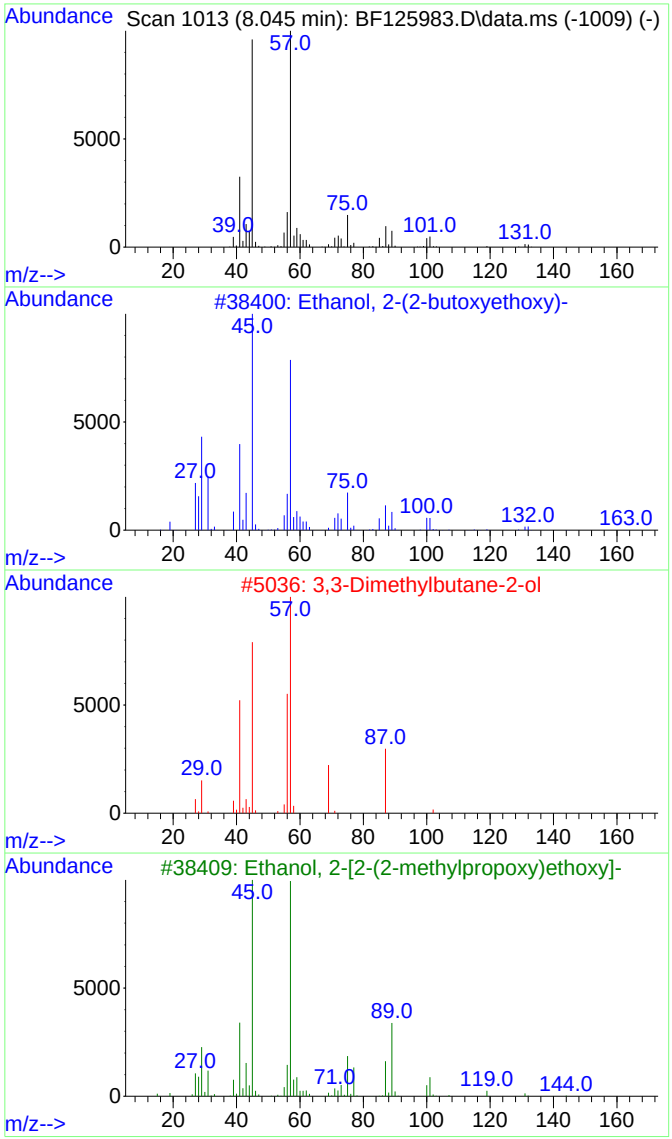
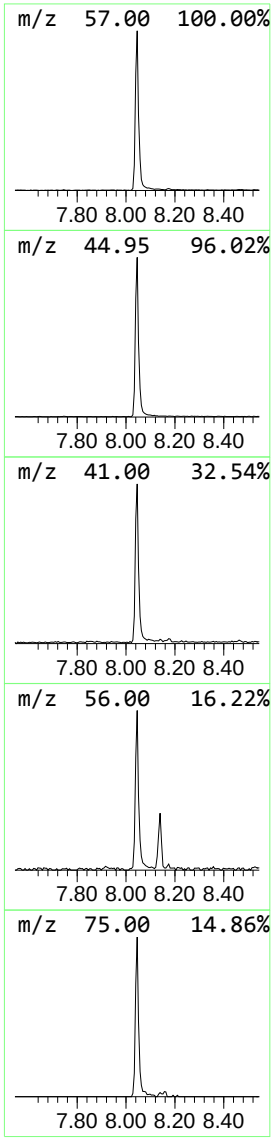
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	12.06 ng	878164	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
4	Butyl lactate	146	C7H14O3	000138-22-7	47
5	1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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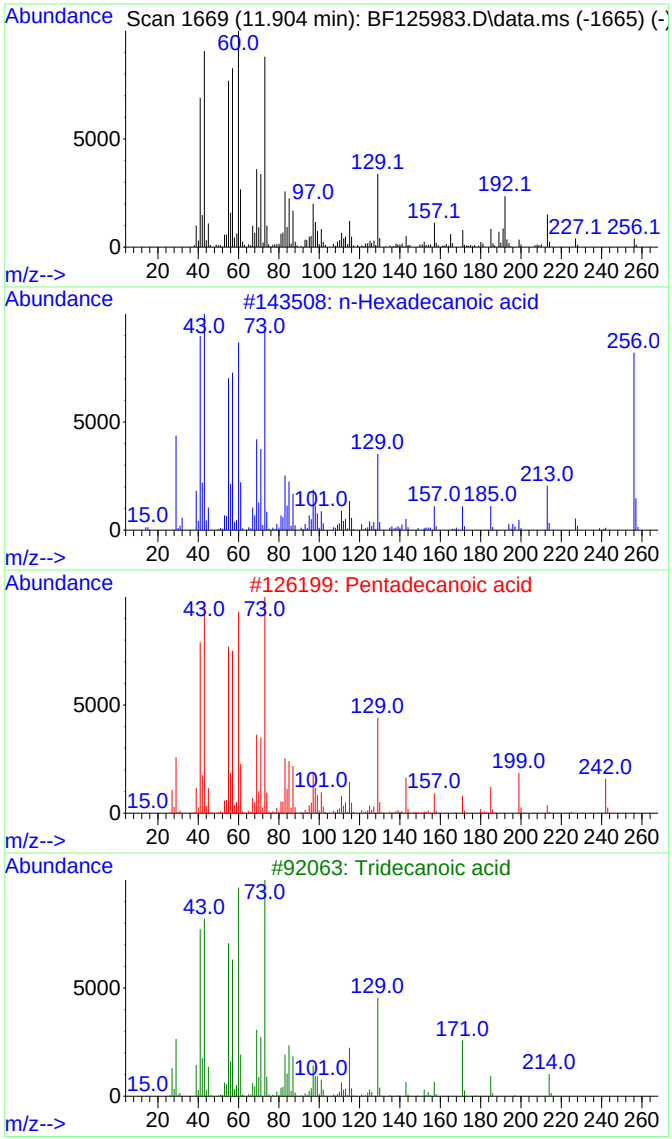
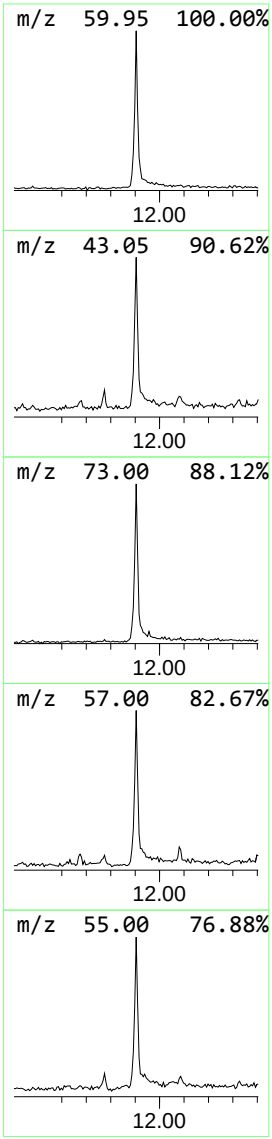
Peak Number 4 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	6.97 ng	533324	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Nonanoic acid	158	C9H18O2	000112-05-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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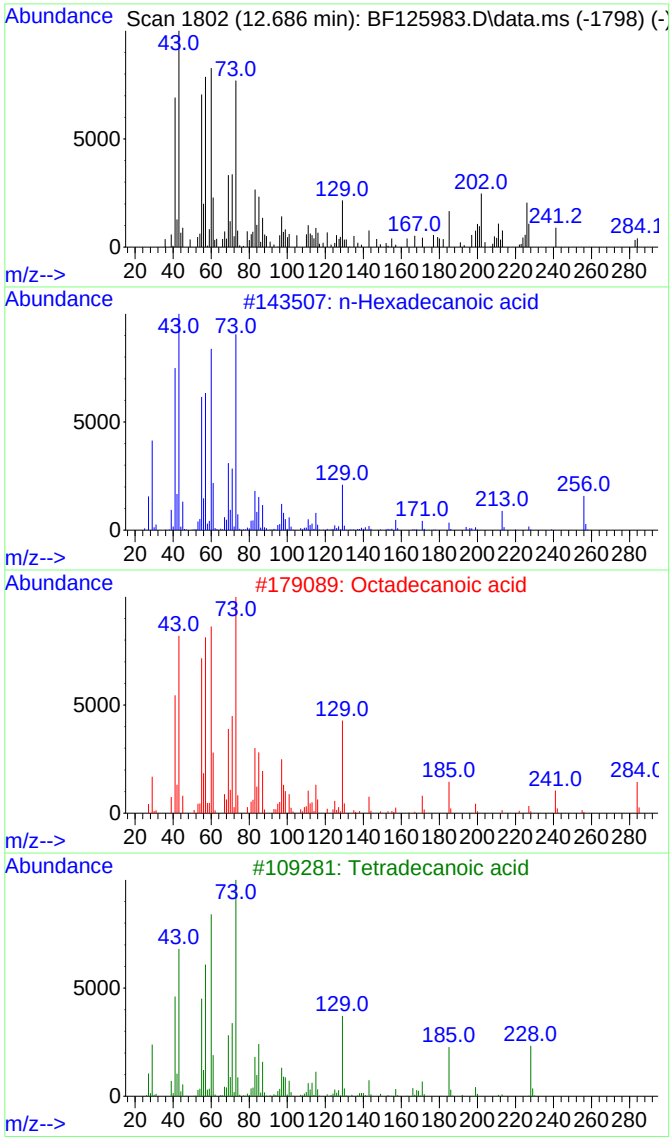
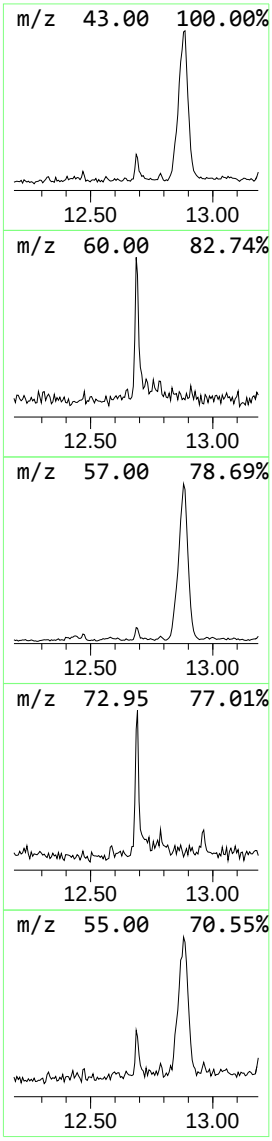
Peak Number 5 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	2.10 ng	160701	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
2	Octadecanoic acid	284	C18H36O2	000057-11-4	58
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





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Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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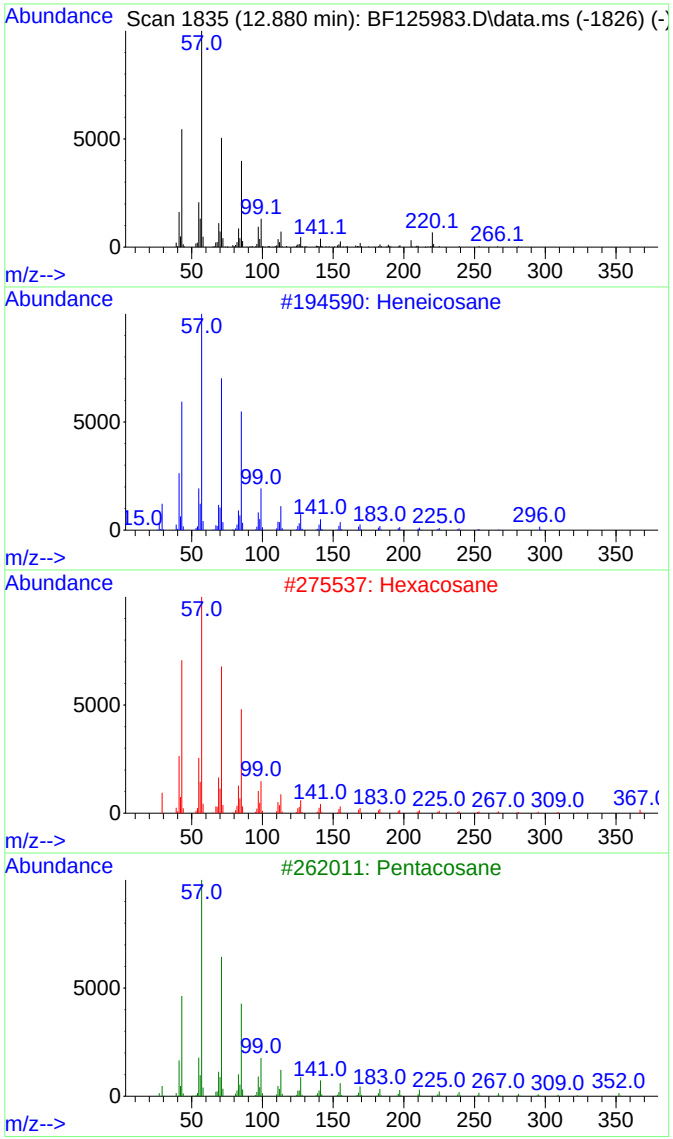
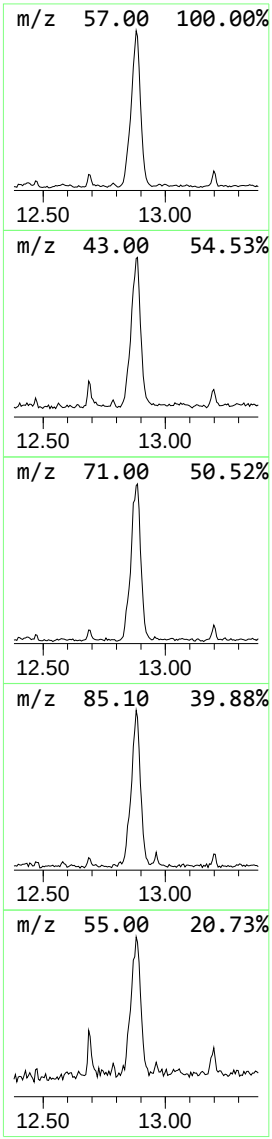
Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	14.05 ng	1096780	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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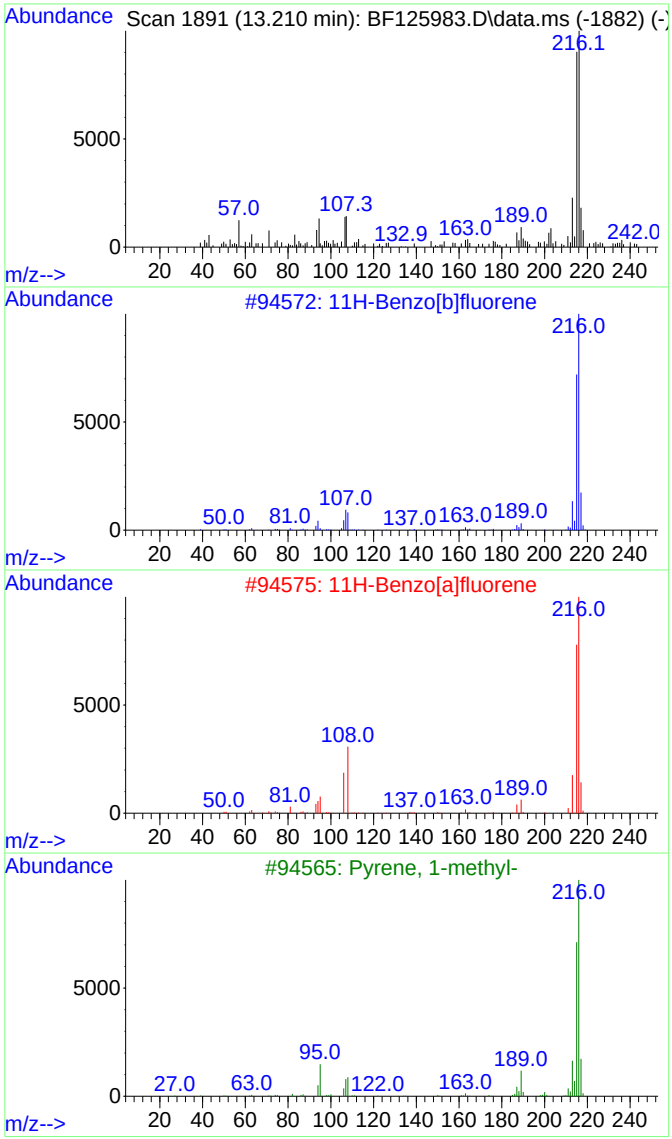
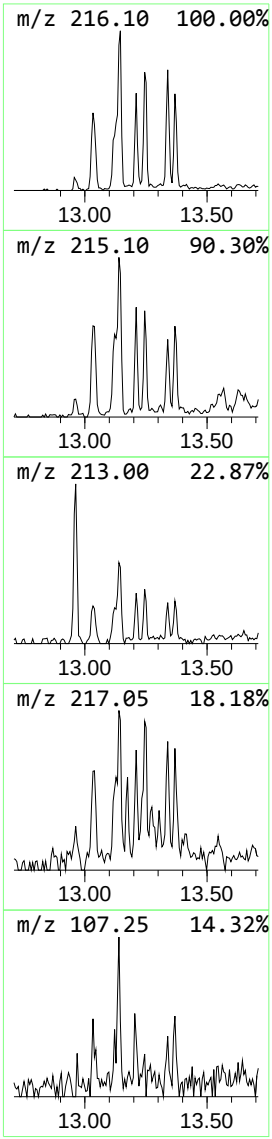
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.26 ng	176588	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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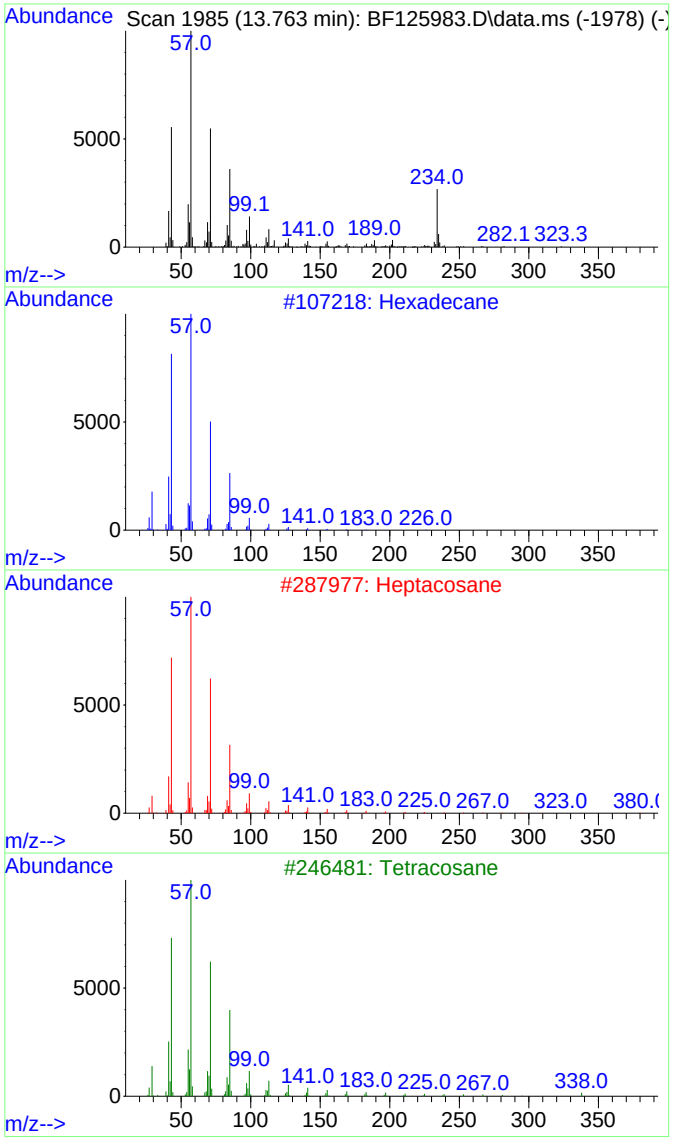
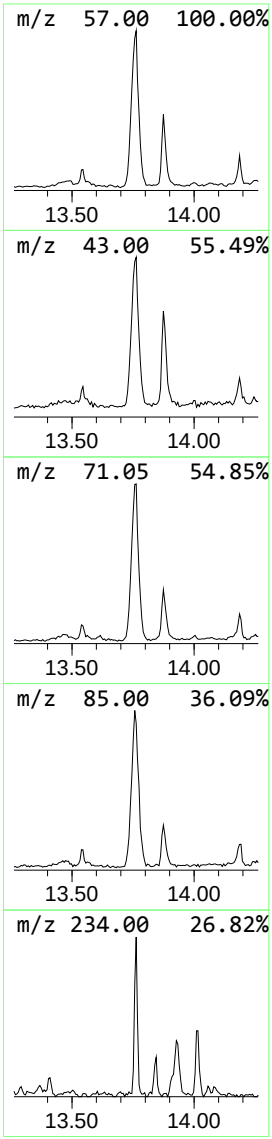
Peak Number 8 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	14.93 ng	1165560	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Heptacosane	380	C27H56	000593-49-7	76
3	Tetracosane	338	C24H50	000646-31-1	68
4	Eicosane	282	C20H42	000112-95-8	68
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	68





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Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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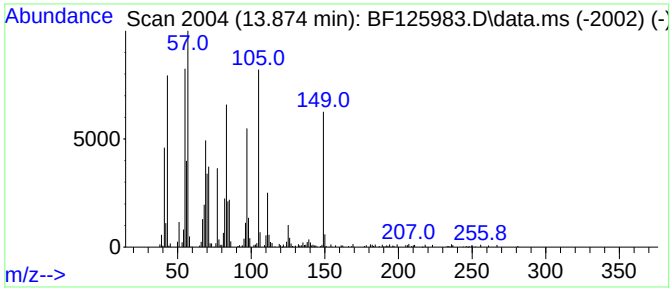
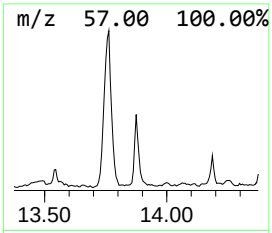
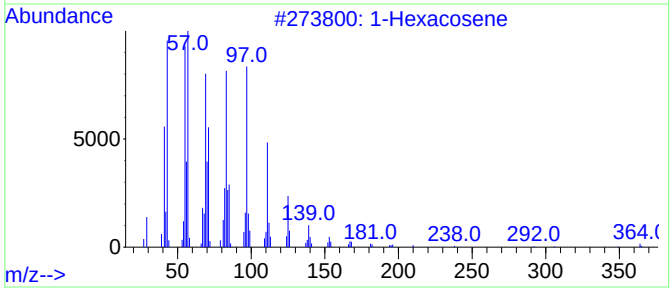
Peak Number 9 1-Hexacosene Concentration Rank 10

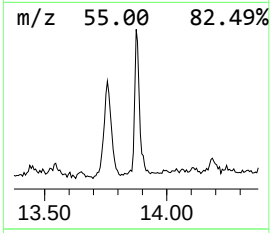
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	9.14 ng	713681	Chrysene-d12	14.015

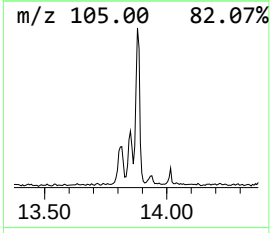
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	76
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	76
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	76
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	76
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	76

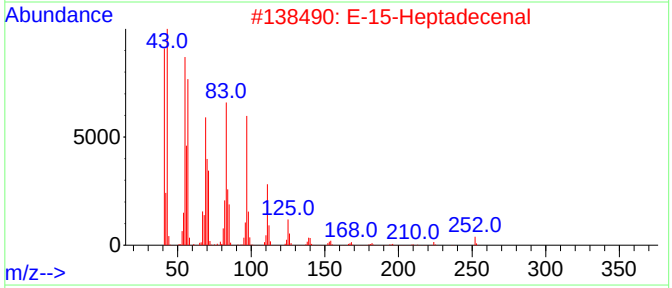


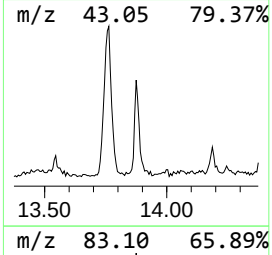


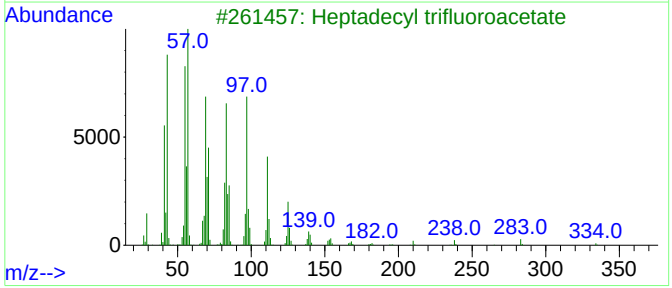


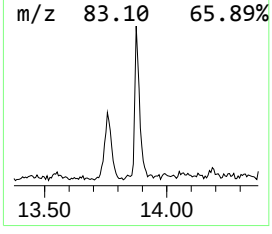












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Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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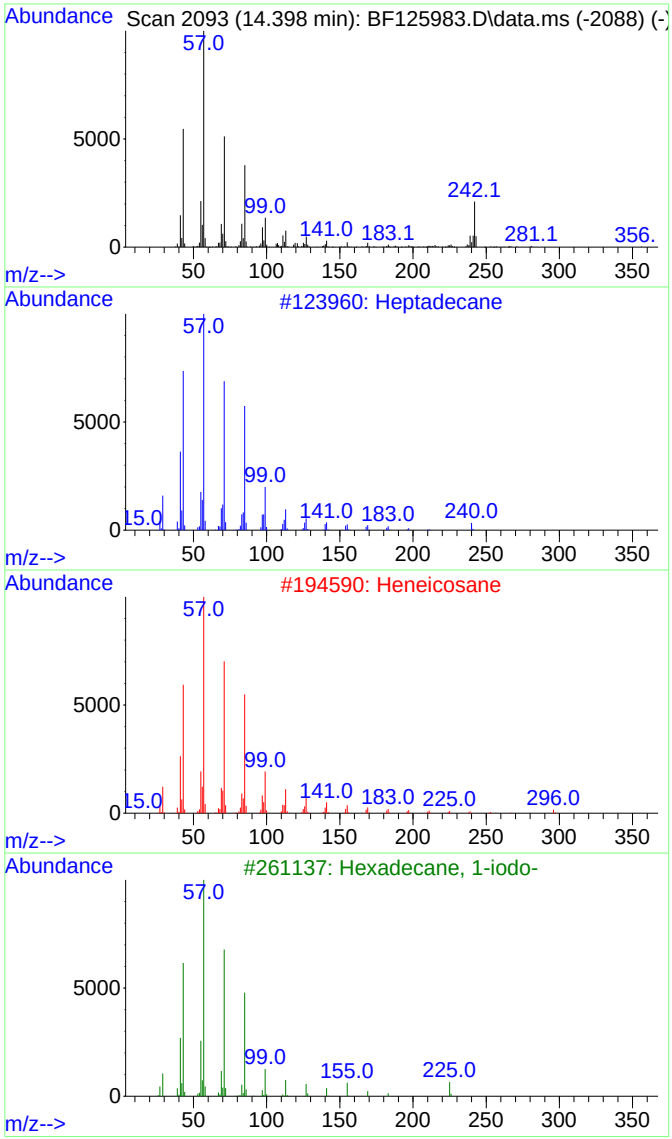
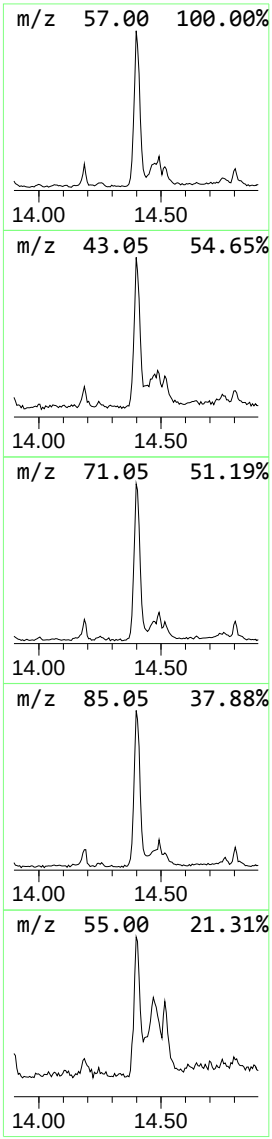
Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	14.46 ng	1128730	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	78
2	Heneicosane	296	C21H44	000629-94-7	64
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
4	Octacosane	394	C28H58	000630-02-4	64
5	Hexacosane	366	C26H54	000630-01-3	64





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Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId : TH-FD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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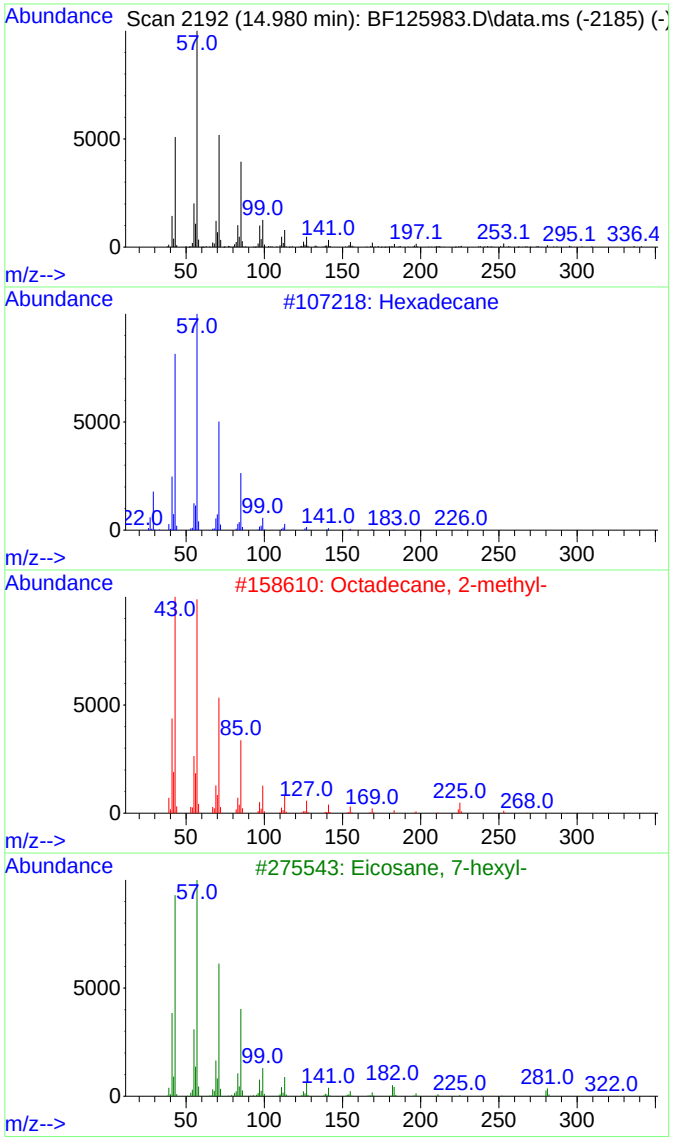
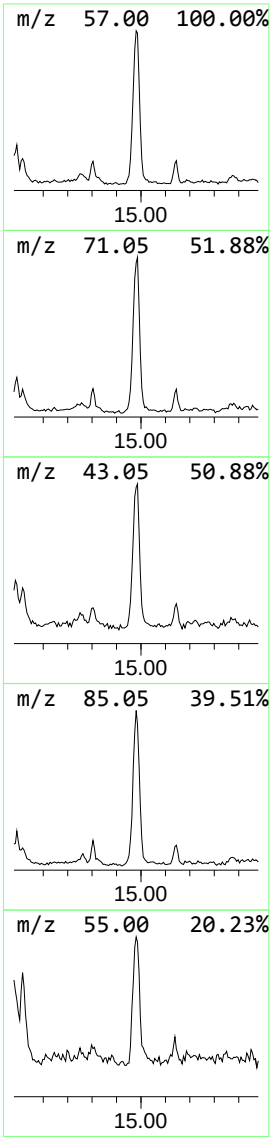
Peak Number 11 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.980	16.18 ng	940518	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	4.79 ng	278781	Perylene-d12	15.480

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
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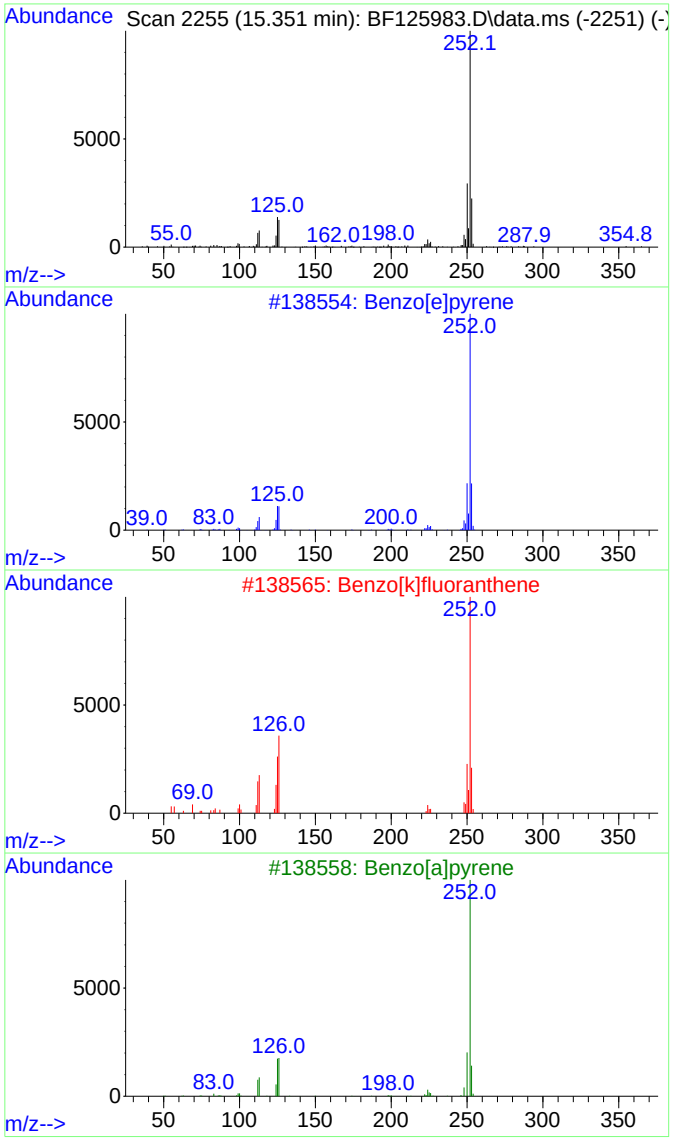

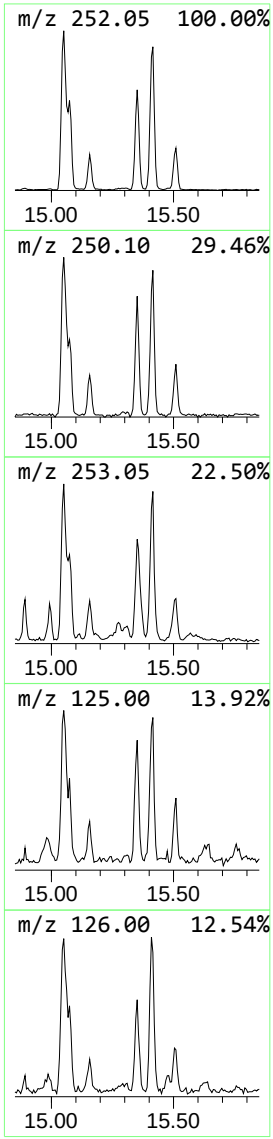

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Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TH-FD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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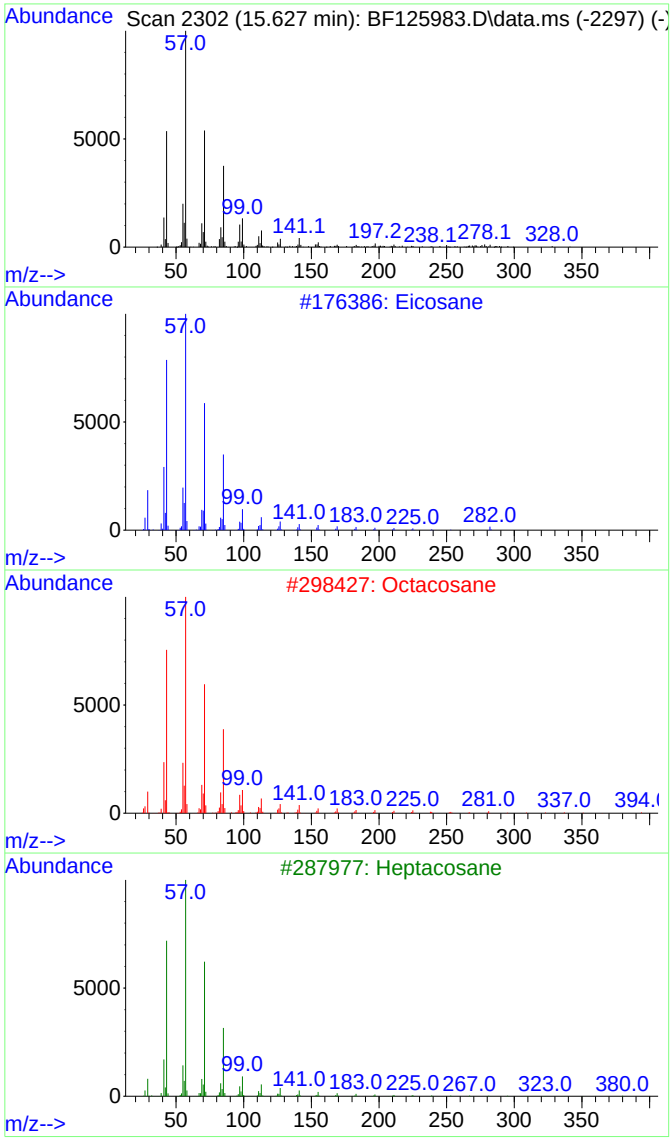
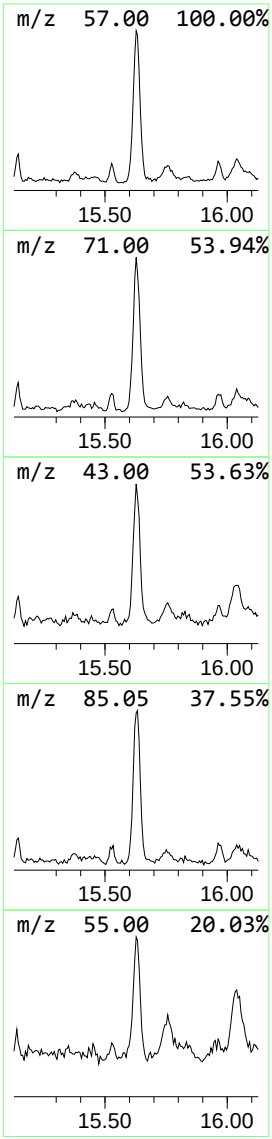
Peak Number 14 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	12.92 ng	751404	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5	Tetracosane	338	C24H50	000646-31-1	86





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Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TH-FD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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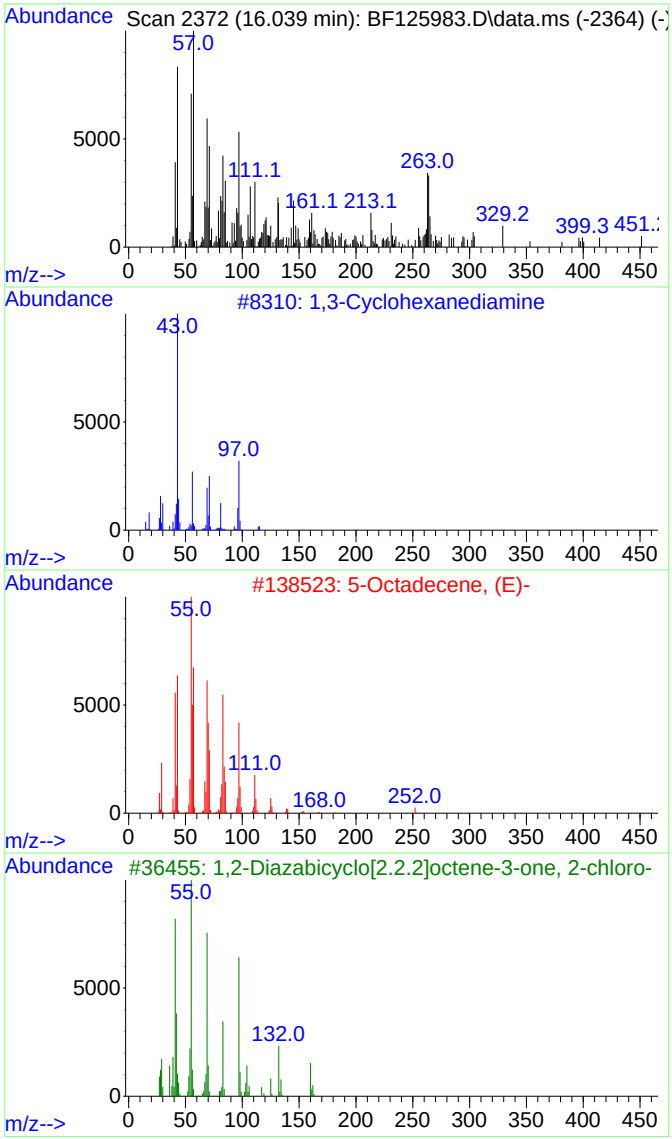
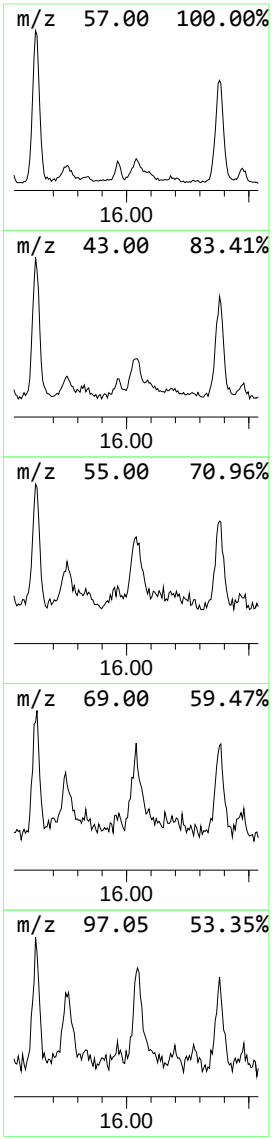
Peak Number 15 unknown16.039 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	10.16 ng	590692	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	25
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	25
3	1,2-Diazabicyclo[2.2.2]octene-3-...	160	C6H9ClN2O	097812-34-5	25
4	2,4-Dichloro-N-(1-methyl-4-piper...	286	C13H16Cl2N2O	210643-95-1	18
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	15





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Sample : M4358-04
Misc :
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Instrument : BNA_F
ClientSampleId : TH-FD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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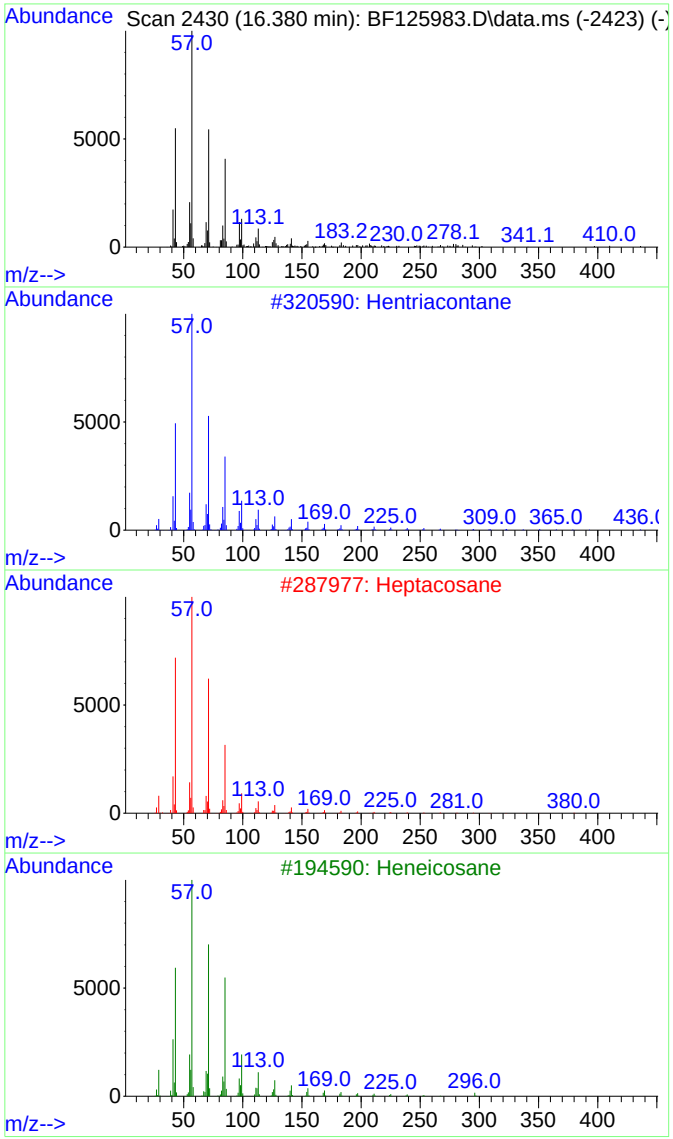
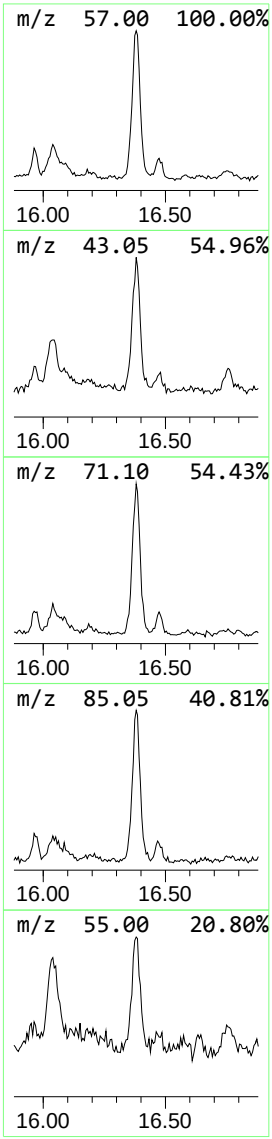
Peak Number 16 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.380	12.11 ng	703943	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	93
2	Heptacosane	380	C27H56	000593-49-7	83
3	Heneicosane	296	C21H44	000629-94-7	81
4	Hexacosane	366	C26H54	000630-01-3	81
5	Eicosane	282	C20H42	000112-95-8	81





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Acq On : 28 Oct 2021 11:30
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Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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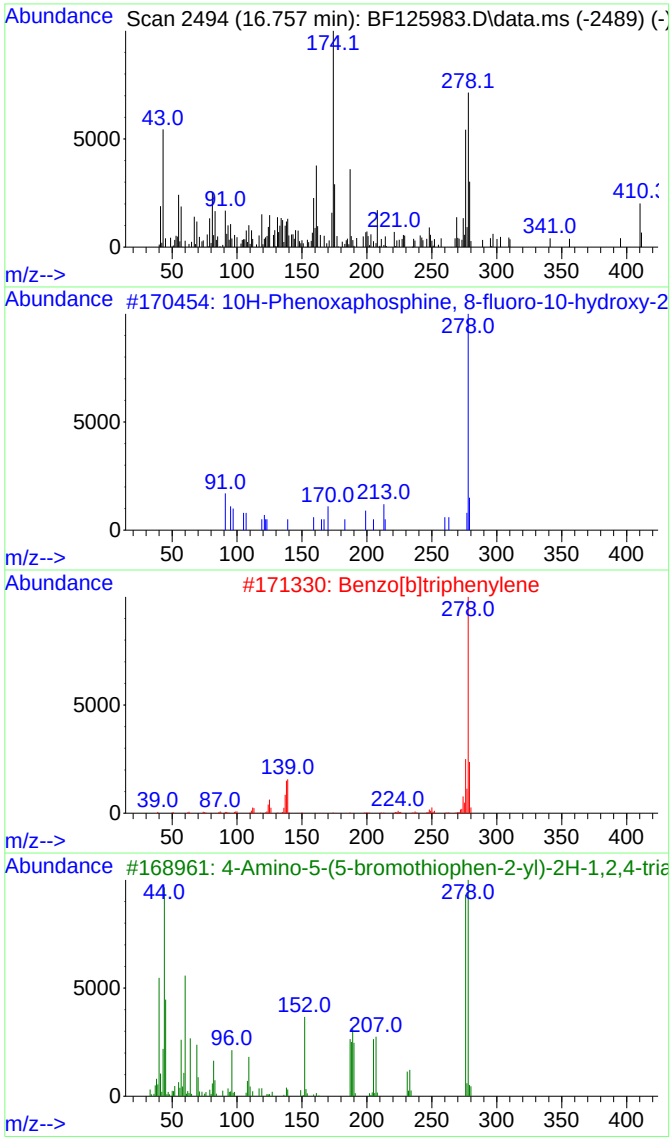
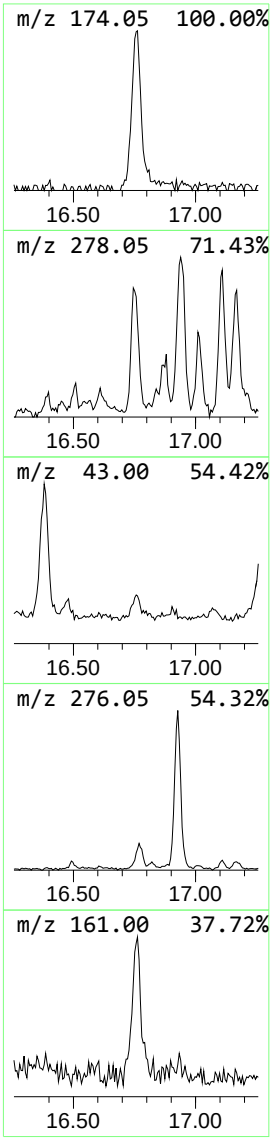
Peak Number 17 unknown16.756 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.756	5.86 ng	341018	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12FO3P	037041-13-7	25
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	25
3	4-Amino-5-(5-bromothiophen-2-yl)...	276	C6H5BrN4S2	1000387-62-6	25
4	Adamantane-1-carboxamide, N-(1-m...	309	C19H23N3O	1000260-62-3	18
5	3,3-Dimethyl-4-hydroxy-N-2-[6-me...	395	C18H25N3O5S	033406-86-9	18





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Sample : M4358-04
Misc :
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Instrument : BNA_F
ClientSampleId : TH-FD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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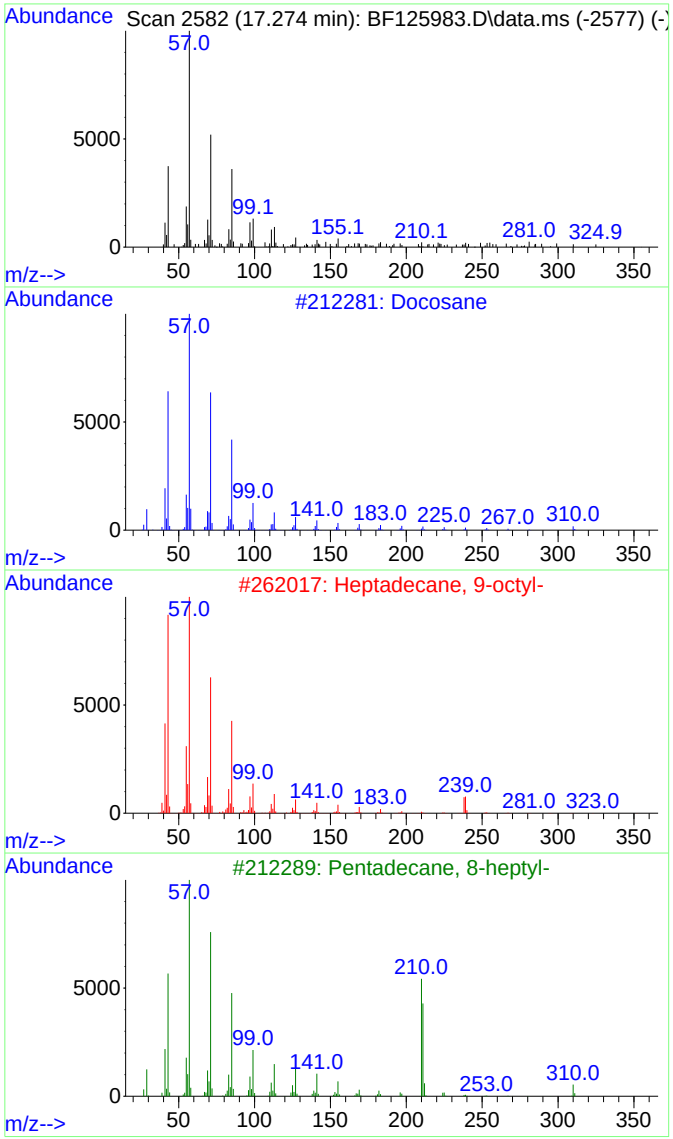
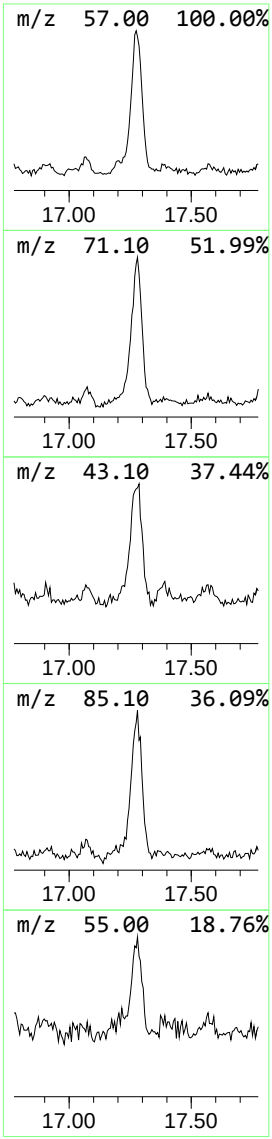
Peak Number 18 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.274	7.66 ng	445602	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Hentriacontane	437	C31H64	000630-04-6	86
5	Eicosane	282	C20H42	000112-95-8	80





Tentatively Identified Compound (LSC) summary

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Data File : BF125983.D
Acq On : 28 Oct 2021 11:30
Operator : JU/CG
Sample : M4358-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TH-FD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	73.2	ng	4092600	1	6.857	1118170	20.0
2-Pentanone, 4-...	5.075	2.9	ng	163863	1	6.857	1118170	20.0
Ethanol, 2-(2-b...	8.045	12.1	ng	878164	2	8.139	1456700	20.0
n-Hexadecanoic ...	11.904	7.0	ng	533324	4	11.374	1530400	20.0
Octadecanoic acid	12.686	2.1	ng	160701	4	11.374	1530400	20.0
Heneicosane	12.880	14.1	ng	1096780	5	14.015	1561350	20.0
11H-Benzo[b]flu...	13.210	2.3	ng	176588	5	14.015	1561350	20.0
Tetracosane	13.763	14.9	ng	1165560	5	14.015	1561350	20.0
1-Hexacosene	13.874	9.1	ng	713681	5	14.015	1561350	20.0
Heptadecane	14.398	14.5	ng	1128730	5	14.015	1561350	20.0
Hexadecane	14.980	16.2	ng	940518	6	15.480	1162930	20.0
Benzo[e]pyrene	15.351	4.8	ng	278781	6	15.480	1162930	20.0
Eicosane	15.627	12.9	ng	751404	6	15.480	1162930	20.0
unknown16.039	16.039	10.2	ng	590692	6	15.480	1162930	20.0
Hentriacontane	16.380	12.1	ng	703943	6	15.480	1162930	20.0
unknown16.756	16.756	5.9	ng	341018	6	15.480	1162930	20.0
Docosane	17.274	7.7	ng	445602	6	15.480	1162930	20.0