LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099069.D
Acq On : 4 Oct 2017 16:19
Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	2.157	7	12	32	rVB	176884	307321	7.71%	0.670%
2	3.416	225	226	241	rBV4	63476	135968	3.41%	0.296%
3	5.092	507	511	524	rVB	506365	757528	19.00%	1.650%
4	5.492	573	579	582	rVB	3238640	3725448	93.46%	8.117%
5	6.498	739	750	753	rBV	3113891	3977156	99.77%	8.665%
6	6.639	768	774	777	rBV	3599626	3853941	96.68%	8.397%
7	6.863	808	812	816	rBV	1030047	871571	21.86%	1.899%
8	7.022	835	839	842	rVB	3110341	2868134	71.95%	6.249%
9	7.433	902	909	911	rBV	2238387	2506397	62.88%	5.461%
10	7.516	917	923	928	rVB2	68067	98160	2.46%	0.214%
11	8.039	1009	1012	1016	rBV2	60397	49752	1.25%	0.108%
12	8.145	1026	1030	1033	rBV	1425387	1164412	29.21%	2.537%
13	9.086	1186	1190	1196	rVB2	41279	54592	1.37%	0.119%
14	9.222	1207	1213	1216	rBV	3942619	3986250	100.00%	8.685%
15	9.357	1233	1236	1241	rVB	54411	48857	1.23%	0.106%
16	9.610	1276	1279	1283	rVB	867636	793610	19.91%	1.729%
17	9.822	1308	1315	1318	rBV3	39892	64511	1.62%	0.141%
18	9.904	1318	1329	1332	rVV	1357794	1339031	33.59%	2.917%
19	9.933	1332	1334	1337	rVB	83597	67192	1.69%	0.146%
20	10.104	1357	1363	1366	rBV2	50505	63380	1.59%	0.138%
21	10.298	1393	1396	1398	rBV	51362	59702	1.50%	0.130%
22	10.321	1398	1400	1403	rVB2	64667	53729	1.35%	0.117%
23	10.445	1417	1421	1425	rBV	86424	74916	1.88%	0.163%
24	10.539	1434	1437	1443	rVB3	34403	51244	1.29%	0.112%
25	10.692	1454	1463	1466	rBV	2221679	2443875	61.31%	5.325%
26	10.798	1477	1481	1486	rBV2	99667	165737	4.16%	0.361%
27	10.992	1510	1514	1517	rBV4	39916	61617	1.55%	0.134%
28	11.245	1554	1557	1559	rBV2	62396	52235	1.31%	0.114%
29	11.274	1559	1562	1568	rVB3	67842	90643	2.27%	0.197%
30	11.386	1577	1581	1584	rBV	1296197	1307366	32.80%	2.848%
31	11.410	1584	1585	1588	rVV	620278	426486	10.70%	0.929%
32	11.463	1591	1594	1596	rVB	175881	137263	3.44%	0.299%
33	11.498	1596	1600	1605	rBV6	38424	71656	1.80%	0.156%
34	11.616	1616	1620	1624	rBV4	54048	93755	2.35%	0.204%

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Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.668	1627	1629	1633	rBV2	51793	63015	1.58%	0.137%
36	11.886	1664	1666	1668	rBV	87065	71717	1.80%	0.156%
37	11.915	1668	1671	1673	rVV2	118271	114093	2.86%	0.249%
38	12.004	1683	1686	1688	rBV2	144460	152417	3.82%	0.332%
39	12.615	1786	1790	1793	rVB	767341	746862	18.74%	1.627%
40	12.815	1821	1824	1825	rBV3	140528	149129	3.74%	0.325%
41	12.833	1825	1827	1830	rVB	713132	544444	13.66%	1.186%
42	12.974	1847	1851	1854	rVB2	2947456	2909146	72.98%	6.338%
43	13.157	1880	1882	1886	rVB2	103467	125067	3.14%	0.272%
44	13.192	1886	1888	1890	rVB2	68023	50760	1.27%	0.111%
45	13.221	1891	1893	1896	rBV	86946	75650	1.90%	0.165%
46	13.651	1963	1966	1972	rVB2	246925	243304	6.10%	0.530%
47	13.857	1997	2001	2008	rVB3	592483	685230	17.19%	1.493%
48	14.027	2022	2030	2033	rBV2	989103	1246224	31.26%	2.715%
49	14.051	2033	2034	2042	rVB	278344	191313	4.80%	0.417%
50	14.304	2074	2077	2080	rVB	66660	57141	1.43%	0.124%
51	14.409	2093	2095	2097	rVB	54579	42452	1.06%	0.092%
52	14.486	2104	2108	2114	rBV2	469155	677640	17.00%	1.476%
53	14.533	2114	2116	2119	rVV2	47523	47862	1.20%	0.104%
54	14.933	2182	2184	2188	rVB2	59025	56601	1.42%	0.123%
55	15.068	2203	2207	2210	rBV	193378	296219	7.43%	0.645%
56	15.127	2214	2217	2219	rVV	196532	209941	5.27%	0.457%
57	15.151	2219	2221	2228	rVB3	146793	240153	6.02%	0.523%
58	15.374	2255	2259	2265	rVB	118708	169701	4.26%	0.370%
59	15.433	2265	2269	2275	rVB	169642	224583	5.63%	0.489%
60	15.503	2276	2281	2284	rBV	581617	770568	19.33%	1.679%
61	15.709	2313	2316	2323	rVB2	57060	76763	1.93%	0.167%
62	15.945	2351	2356	2360	rBV	130037	182060	4.57%	0.397%
63	15.998	2361	2365	2373	rVV4	74759	145112	3.64%	0.316%
64	16.068	2373	2377	2382	rVB4	43965	72067	1.81%	0.157%
65	16.456	2439	2443	2448	rVB2	45352	81258	2.04%	0.177%
66	16.750	2489	2493	2500	rVB7	29727	48630	1.22%	0.106%
67	16.968	2525	2530	2538	rBV2	75152	180198	4.52%	0.393%
68	17.045	2540	2543	2552	rVB3	37948	82195	2.06%	0.179%
69	17.145	2556	2560	2565	rVB6	32257	60813	1.53%	0.132%
70	17.286	2581	2584	2591	rVB7	52457	97283	2.44%	0.212%
71	17.415	2602	2606	2616	rVB2	56869	111980	2.81%	0.244%

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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72	17.550	2623	2629	2636	rBV7	61187	165316	4.15%	0.360%
73	17.639	2637	2644	2656	rVB5	241832	613223	15.38%	1.336%
74	17.886	2680	2686	2694	rBV4	100125	268715	6.74%	0.585%
75	18.127	2718	2727	2745	rVB2	529518	1350444	33.88%	2.942%
76	18.362	2759	2767	2781	rBV2	74771	259585	6.51%	0.566%
77	18.586	2801	2805	2819	rVB2	37306	118104	2.96%	0.257%

Sum of corrected areas: 45898413

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Misc :
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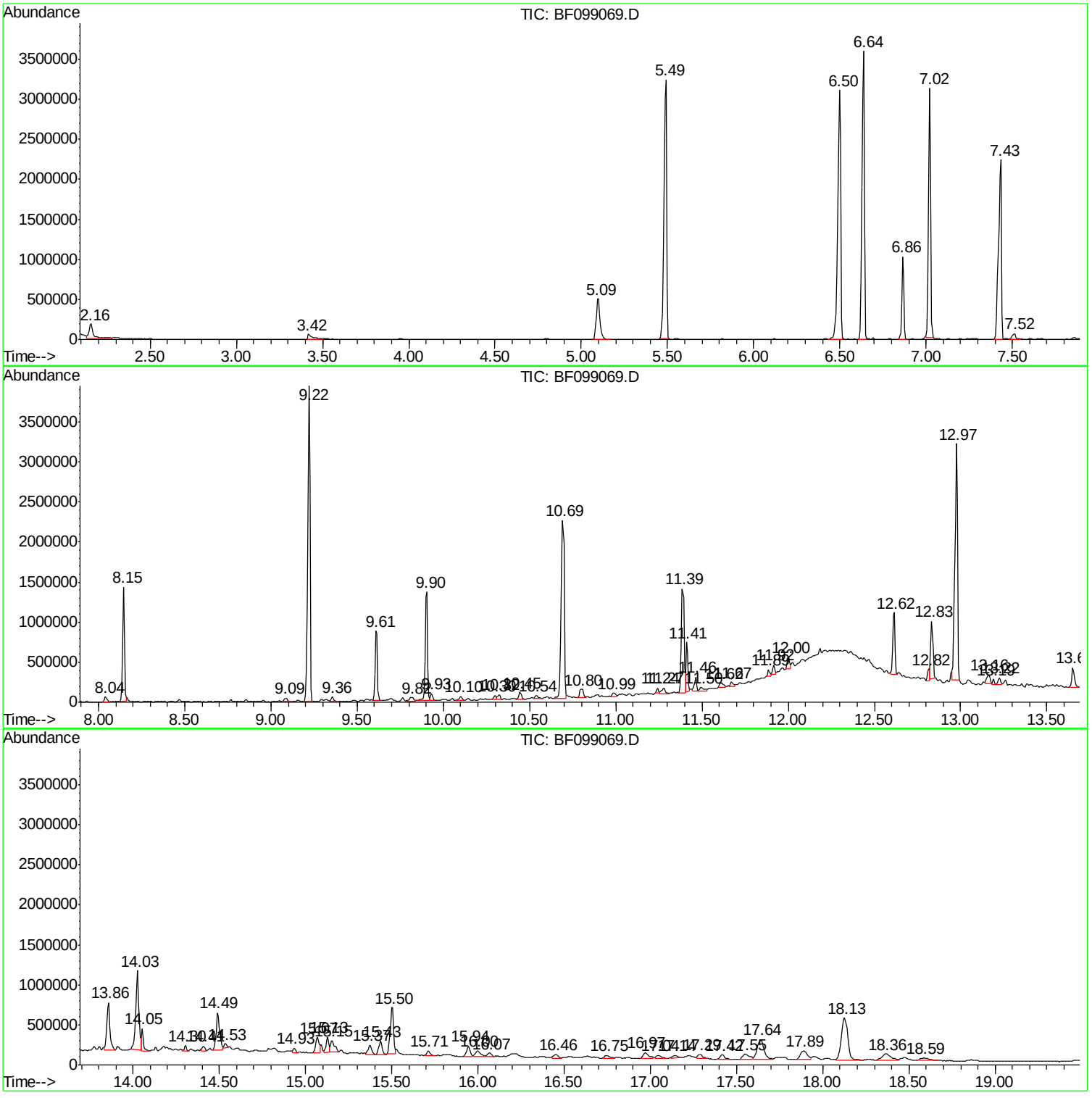
Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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Operator : SJ/JU
Sample : I5610-02
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Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

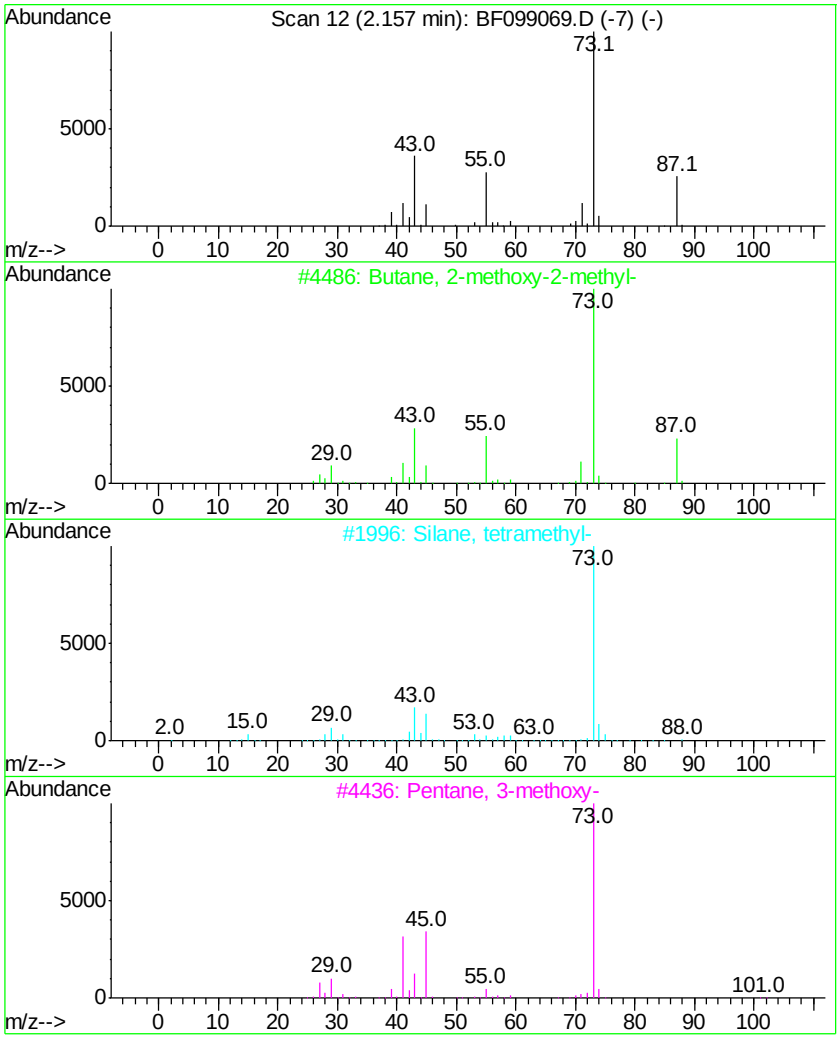
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

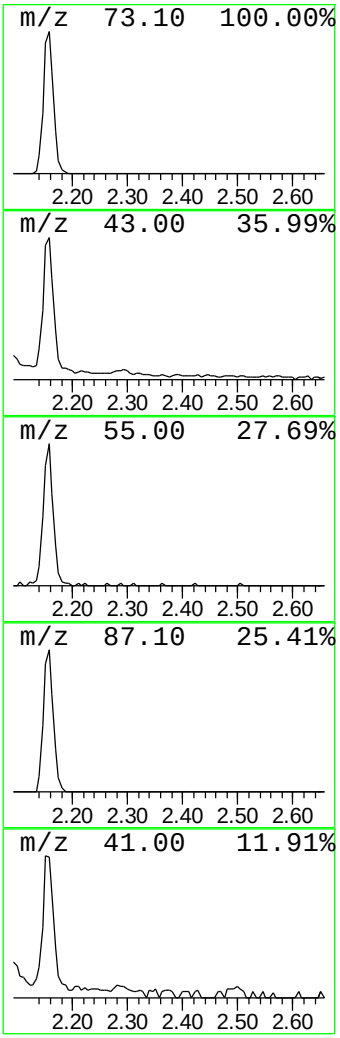
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	7.05 ng	307321	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
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Acq On : 4 Oct 2017 16:19
Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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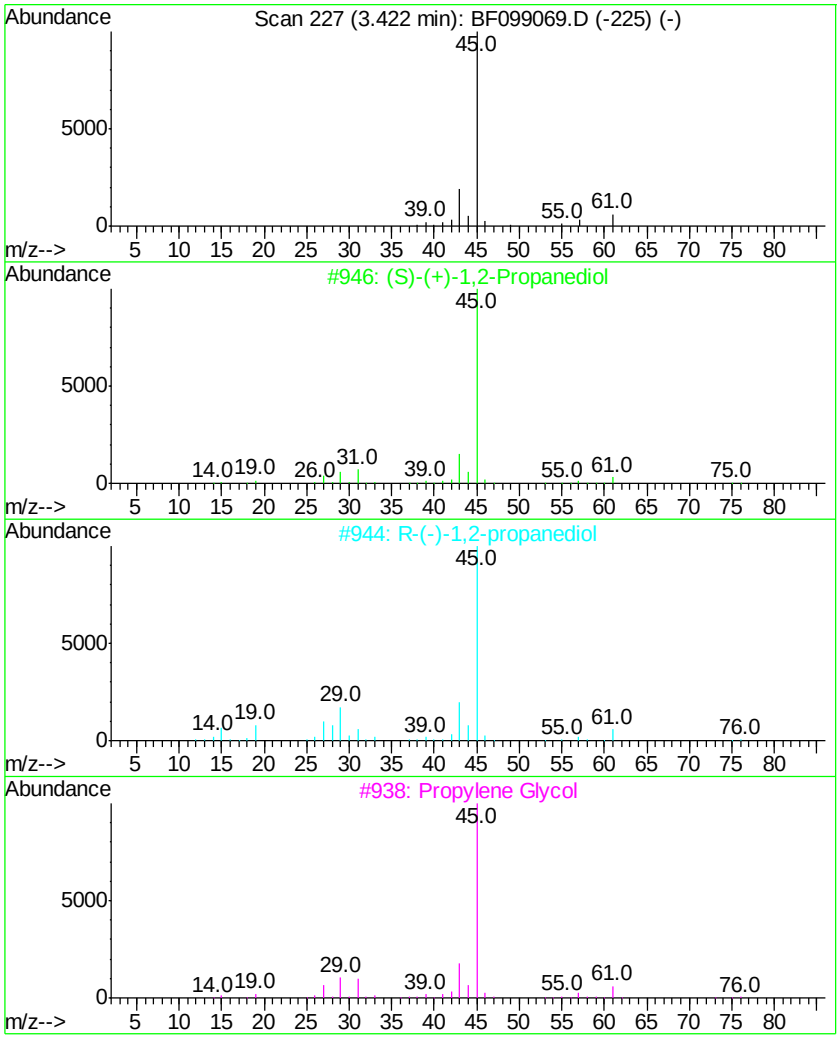
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

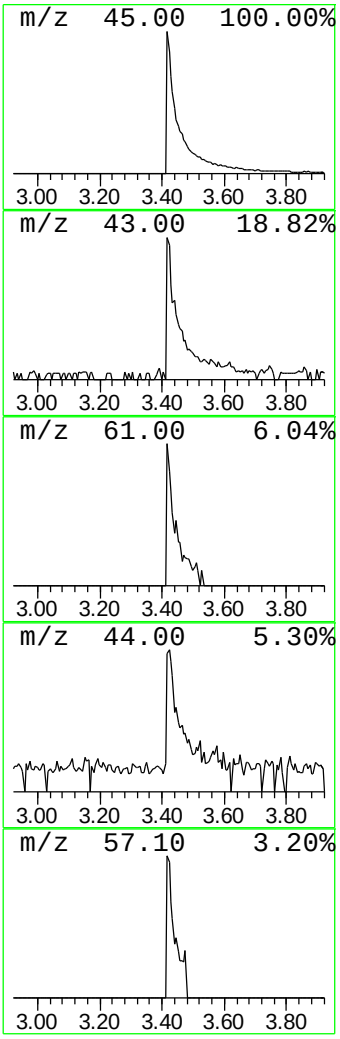
****

Peak Number 2 unknown3.42 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	3.12 ng	135968	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	Formamide	45	CH3NO	000075-12-7	7
5	2,3-Butanediol	90	C4H10O2	000513-85-9	4





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Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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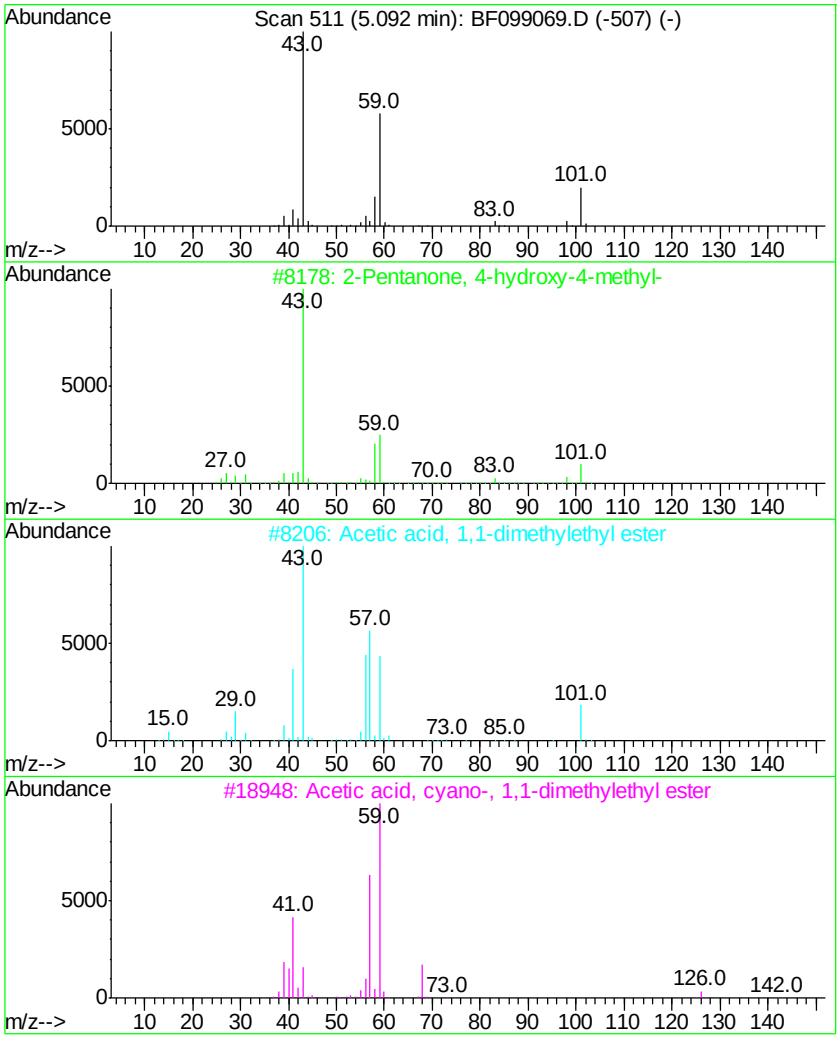
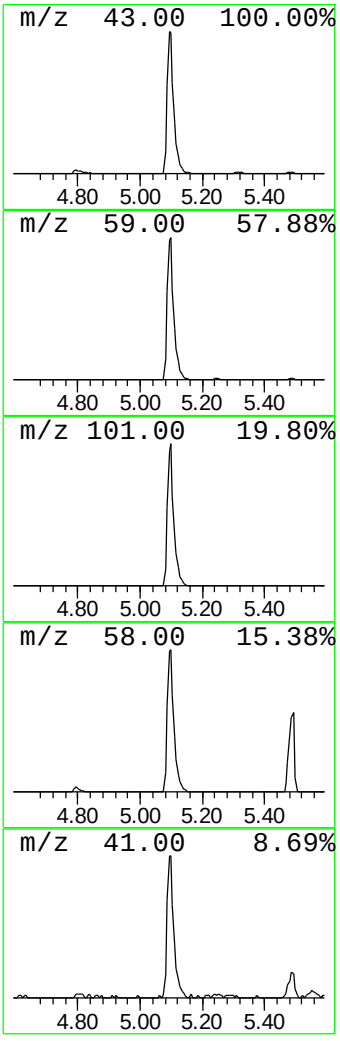
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	17.38 ng	757528	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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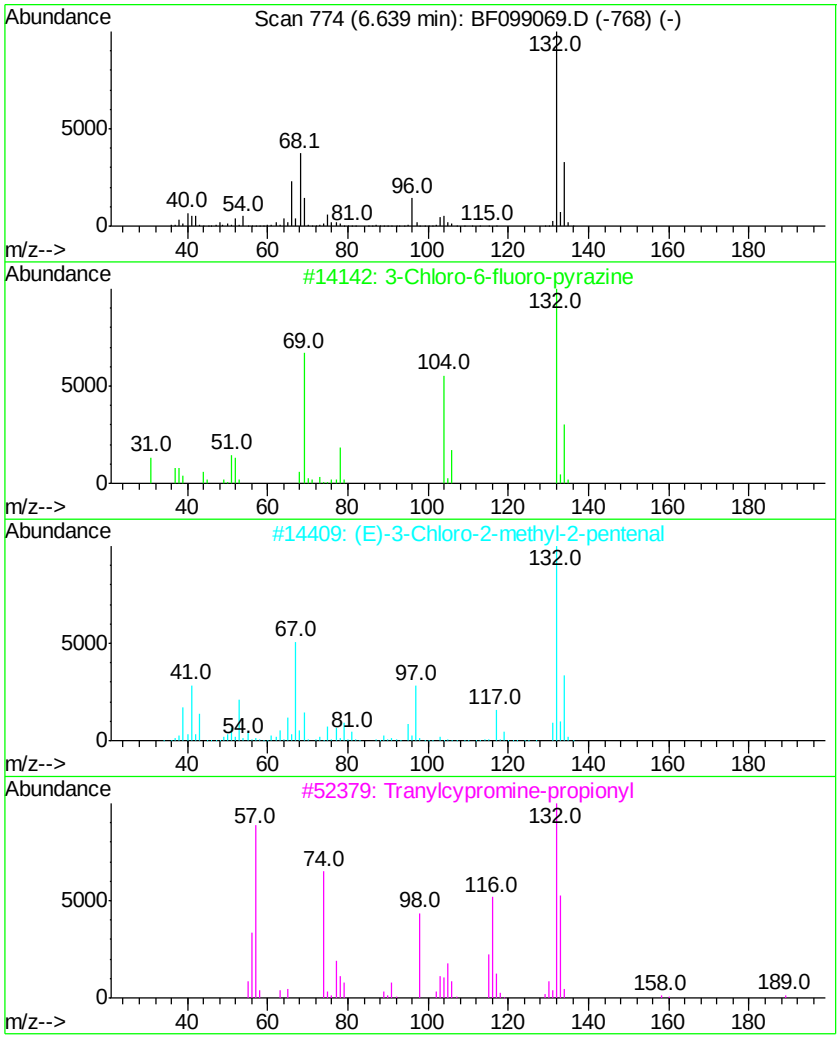
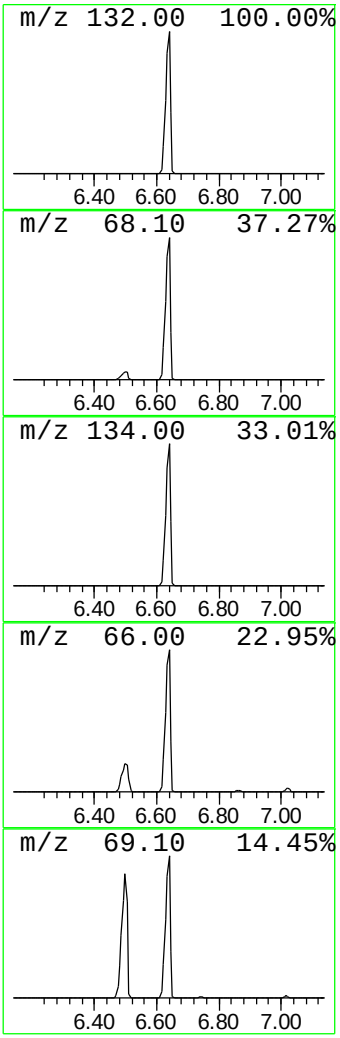
Peak Number 4 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	88.44 ng	3853940	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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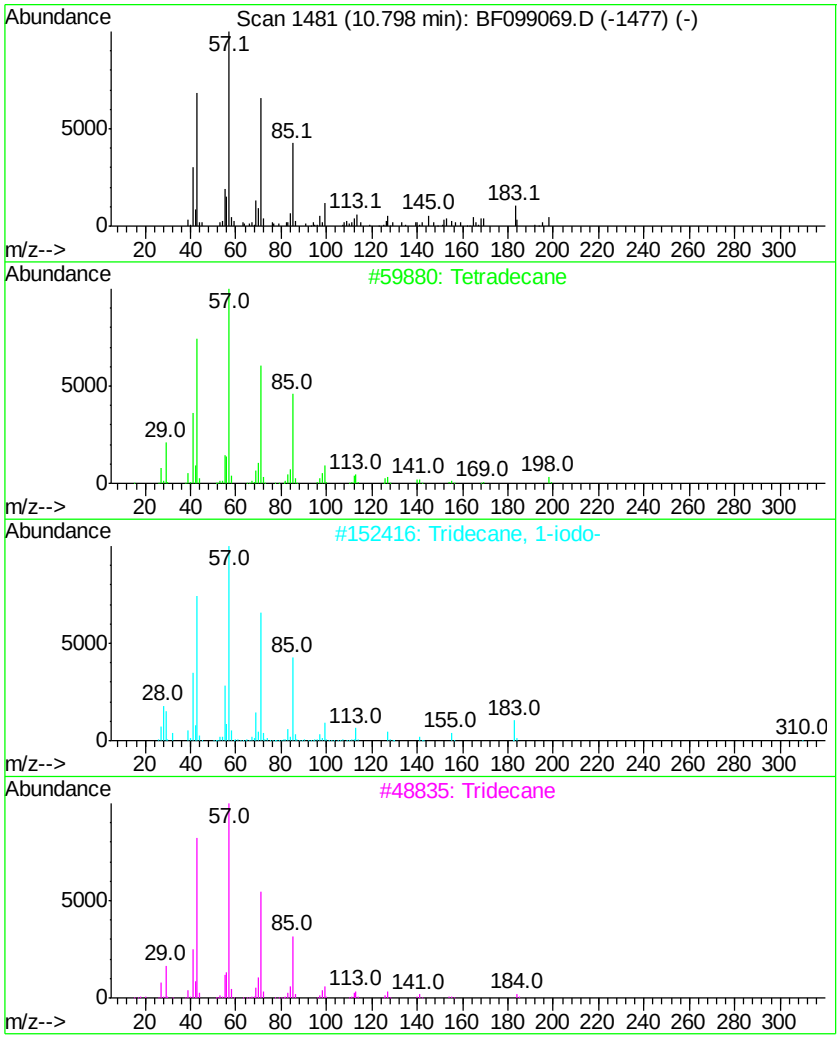
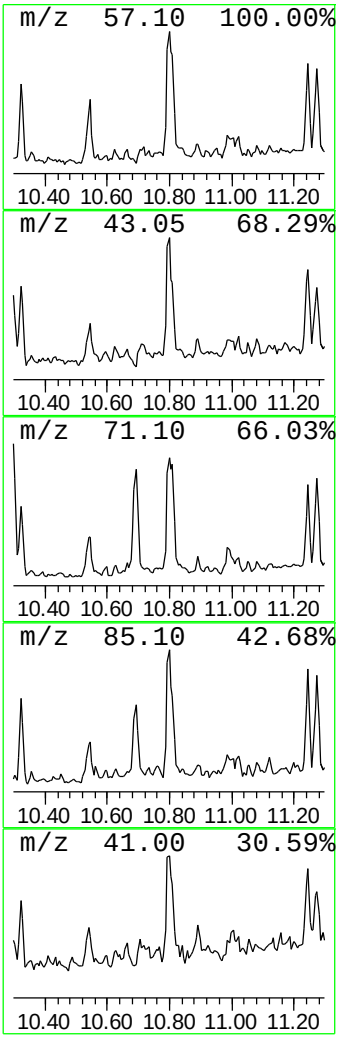
Peak Number 5 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.54 ng	165737	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Tridecane	184	C13H28	000629-50-5	76
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Data File : BF099069.D
Acq On : 4 Oct 2017 16:19
Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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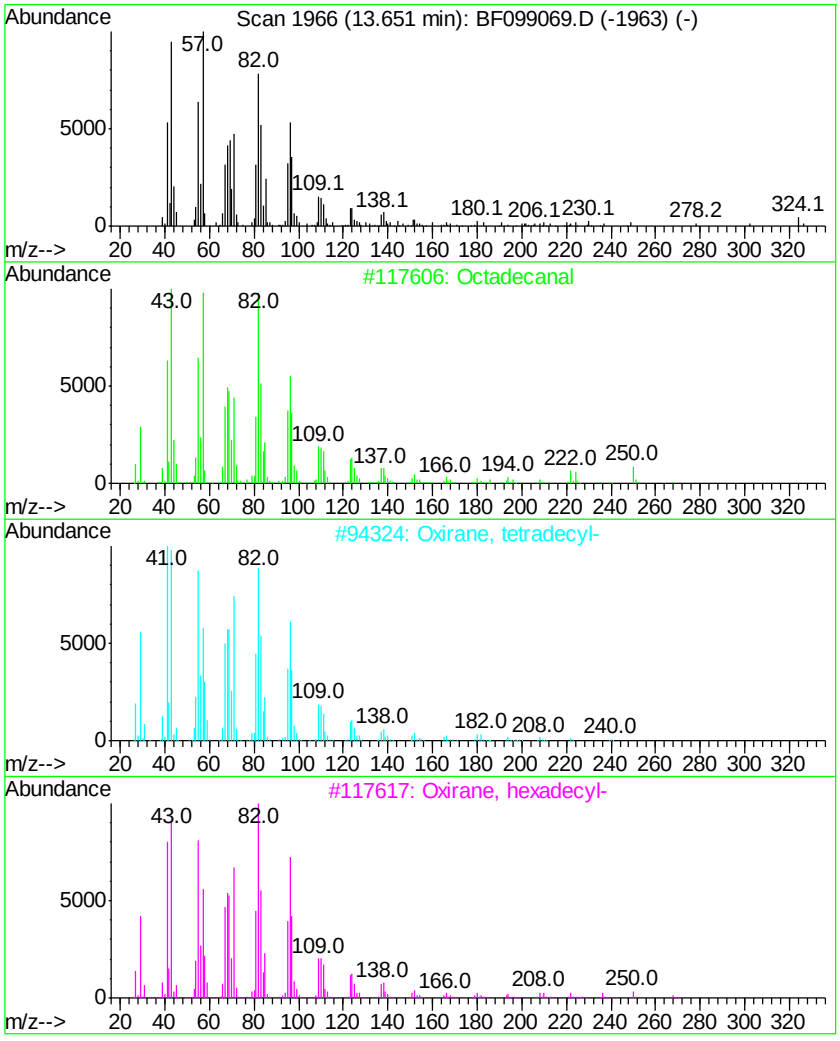
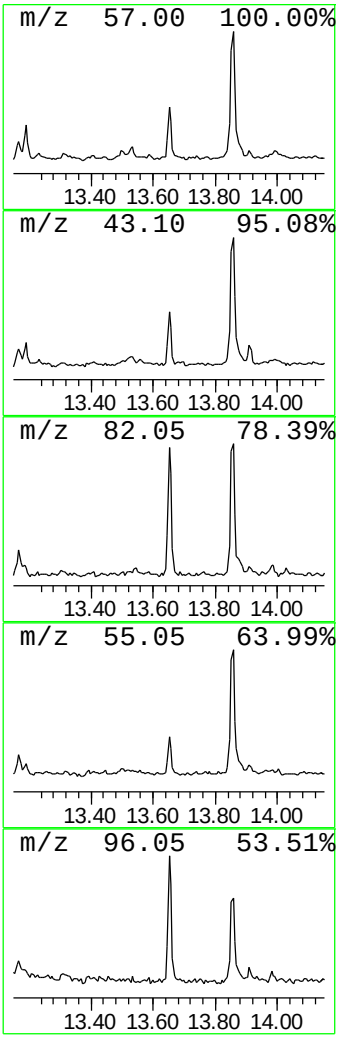
Peak Number 6 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.90 ng	243304	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
5	Hexadecanal	240	C16H32O	000629-80-1	87





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Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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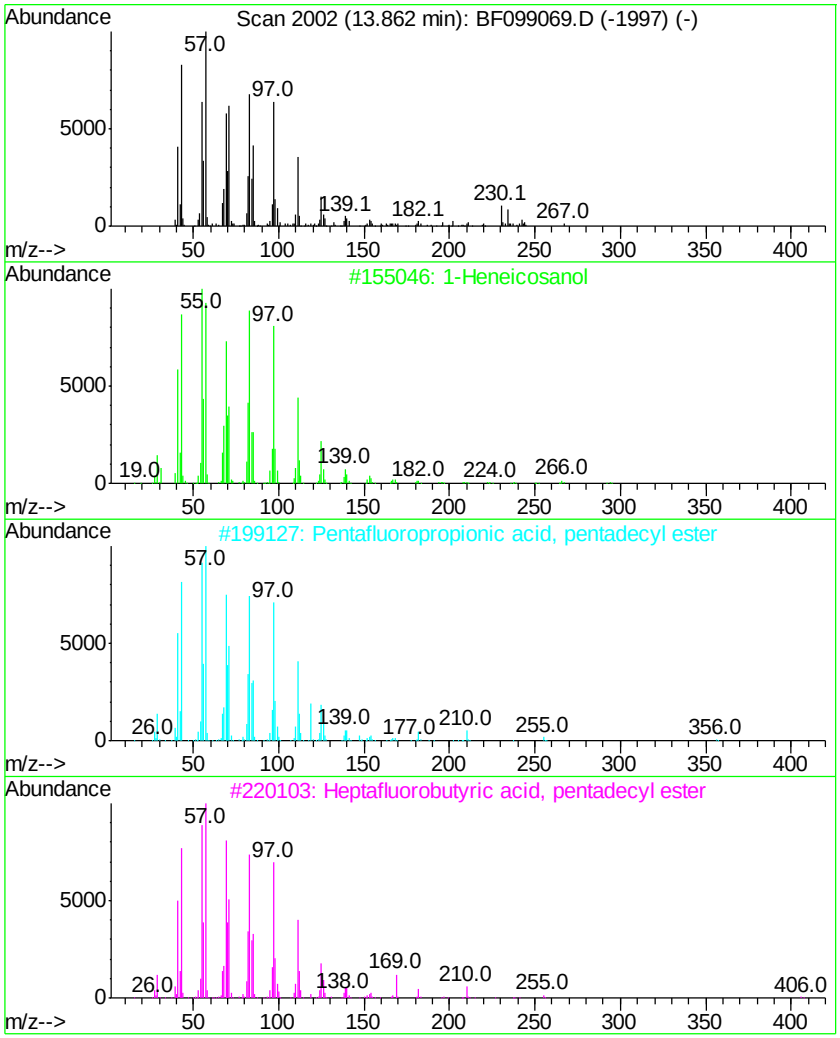
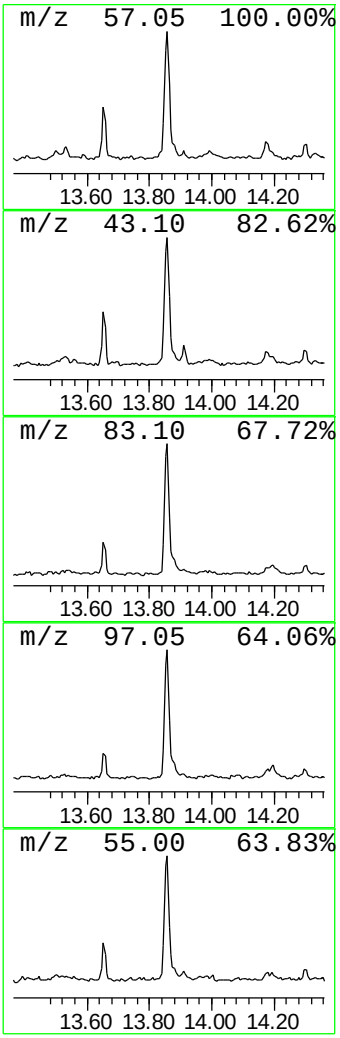
Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	11.00 ng	685230	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91





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Acq On : 4 Oct 2017 16:19
Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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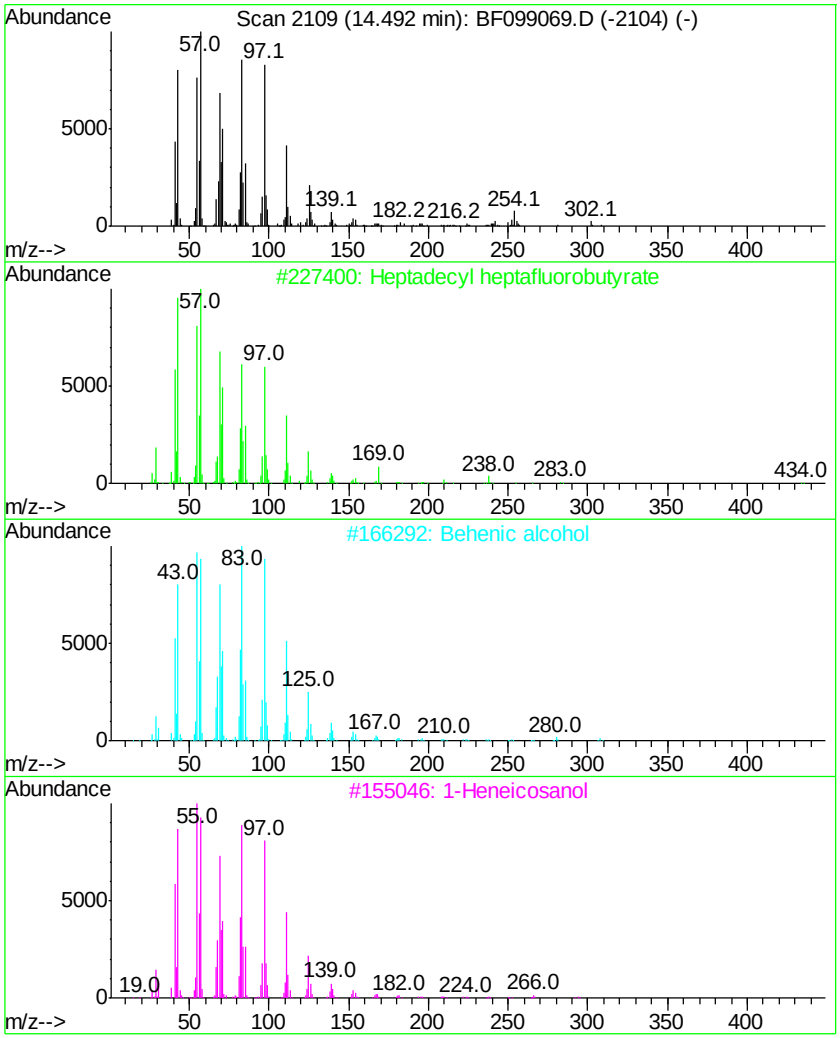
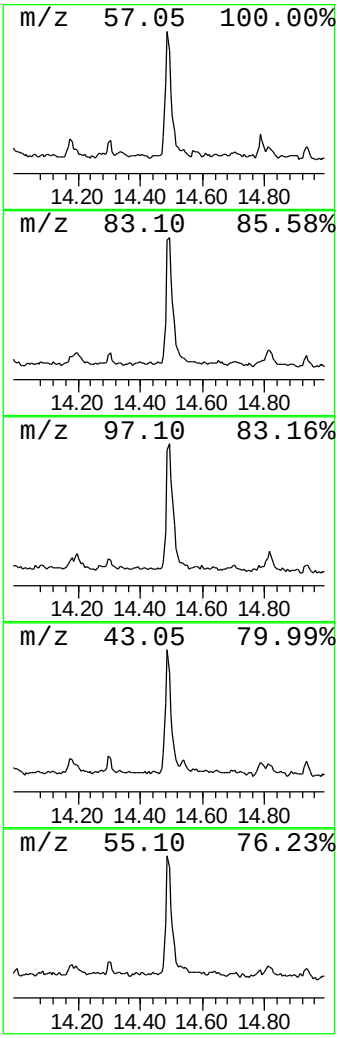
Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	10.88 ng	677640	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





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Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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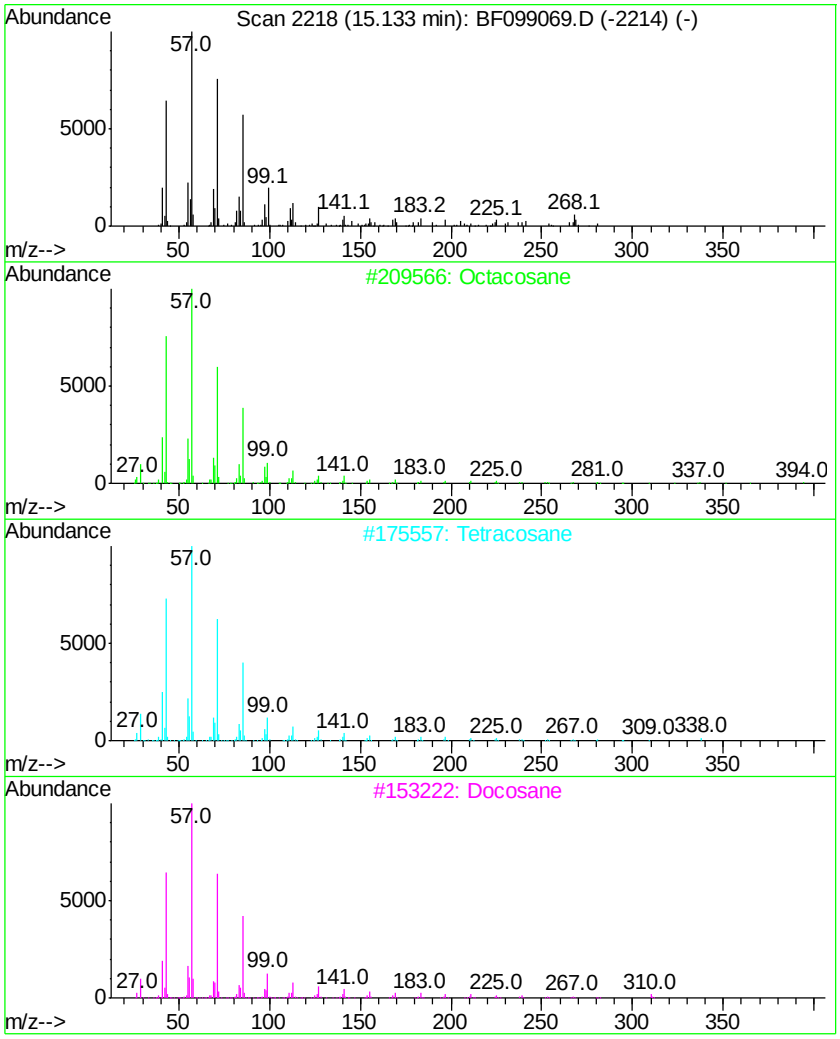
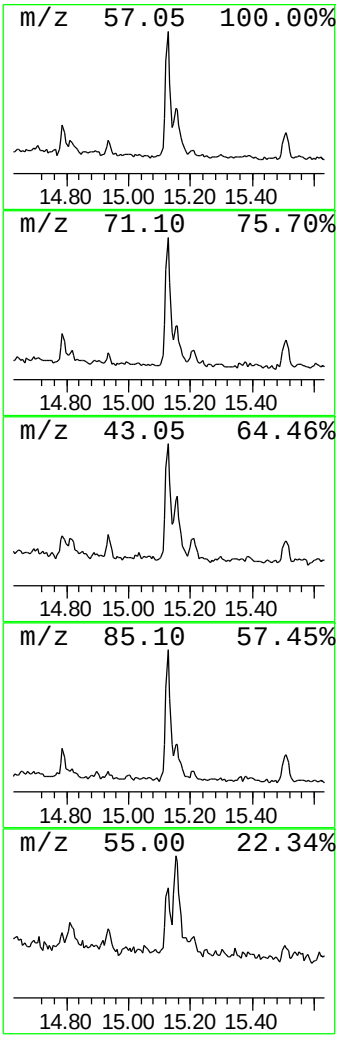
Peak Number 9 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	5.45 ng	209941	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Docosane	310	C22H46	000629-97-0	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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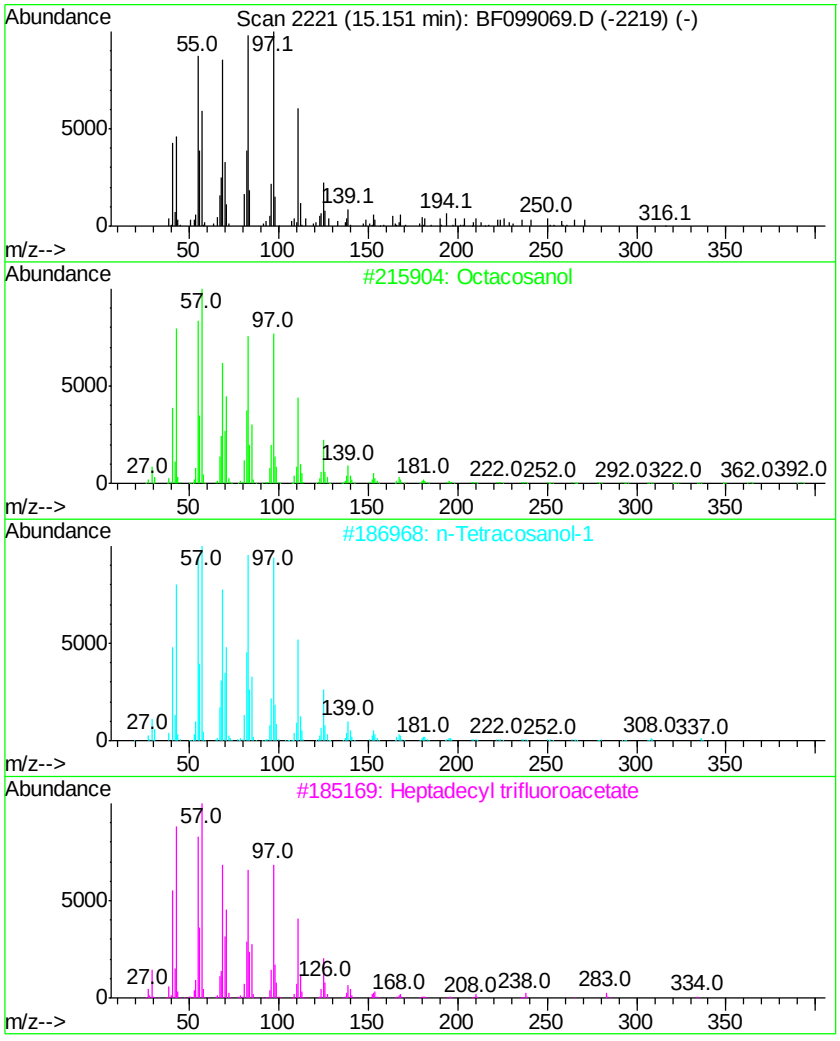
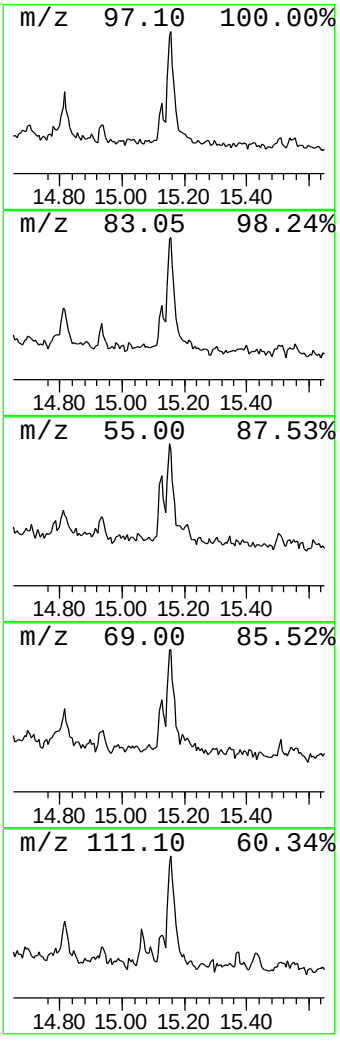
Peak Number 10 Octacosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	6.23 ng	240153	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	76
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	59
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	46
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	43





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Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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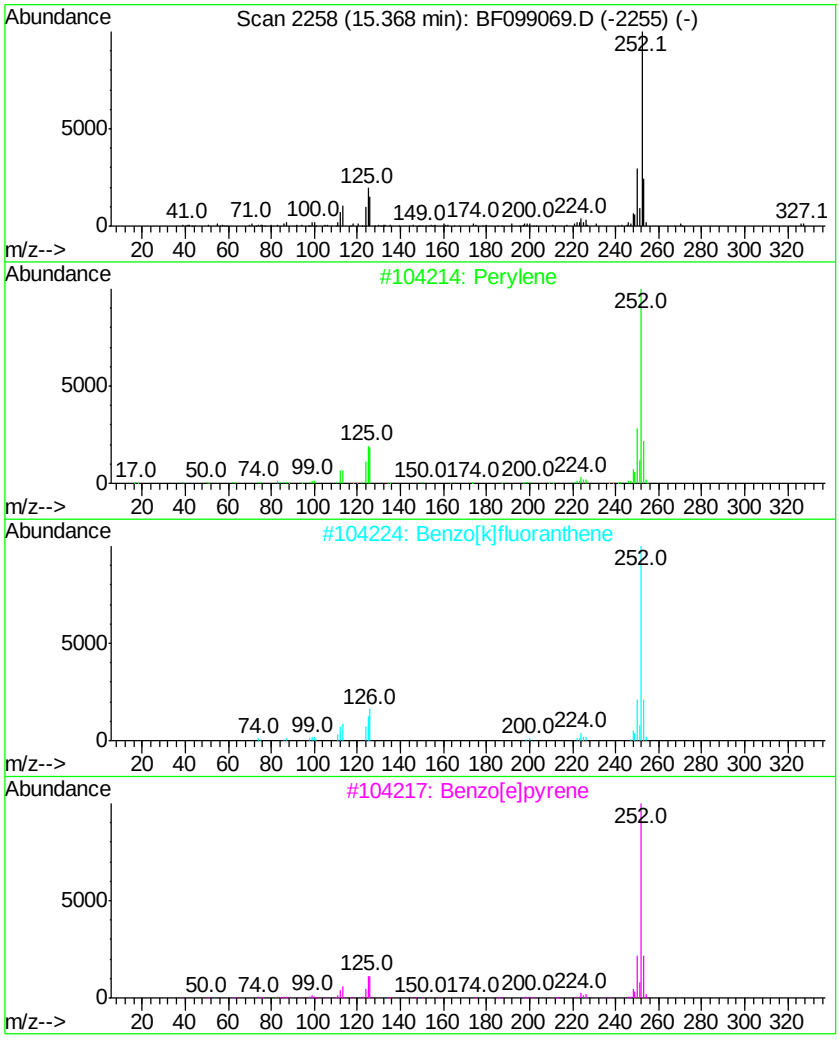
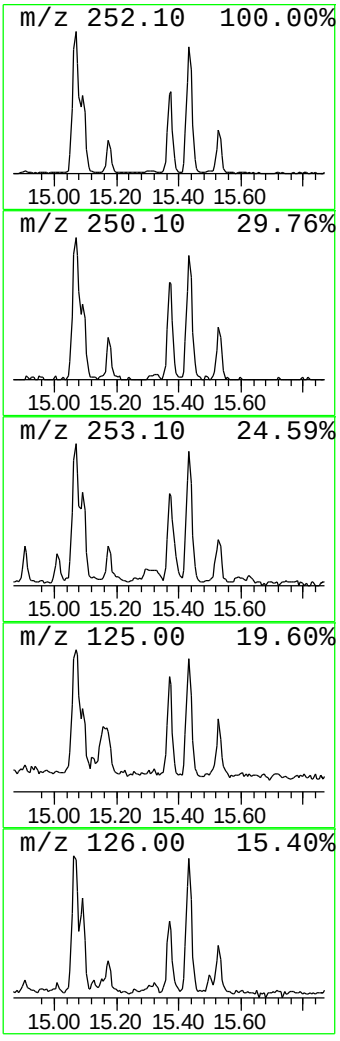
Peak Number 11 Perylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.40 ng	169701	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[e]pyrene	252	C20H12	000192-97-2	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId : 1B-(1-2)-COMP-(0-5)

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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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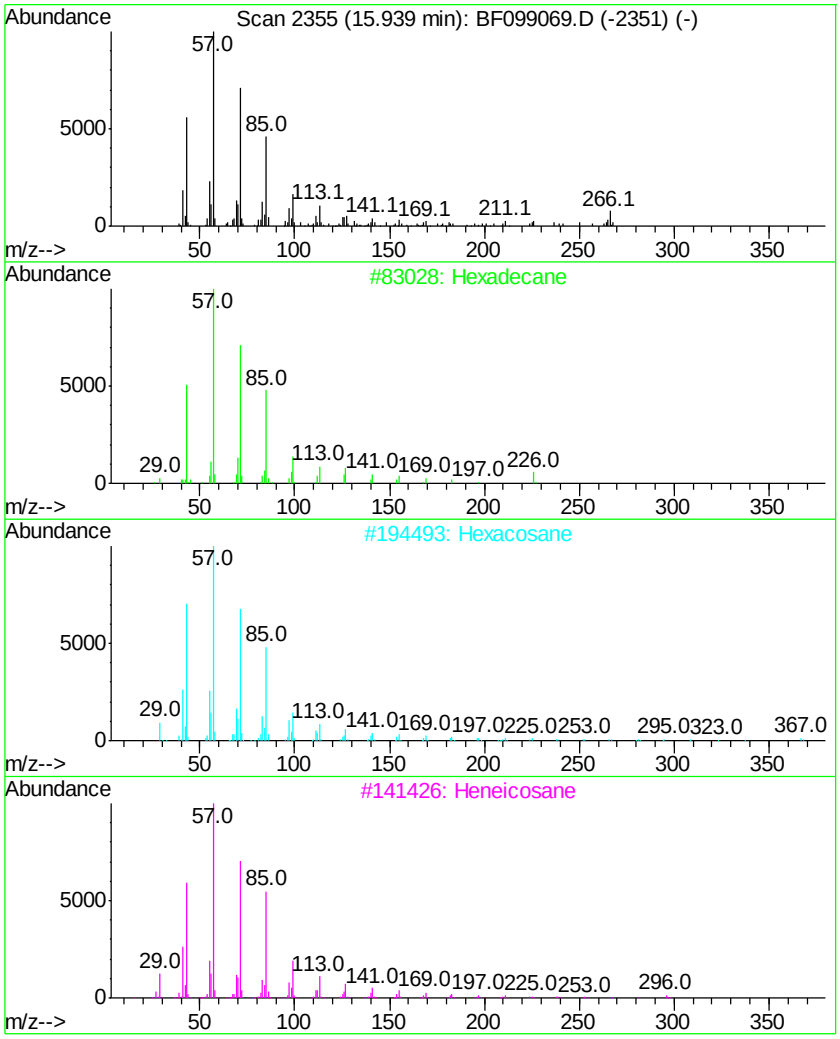
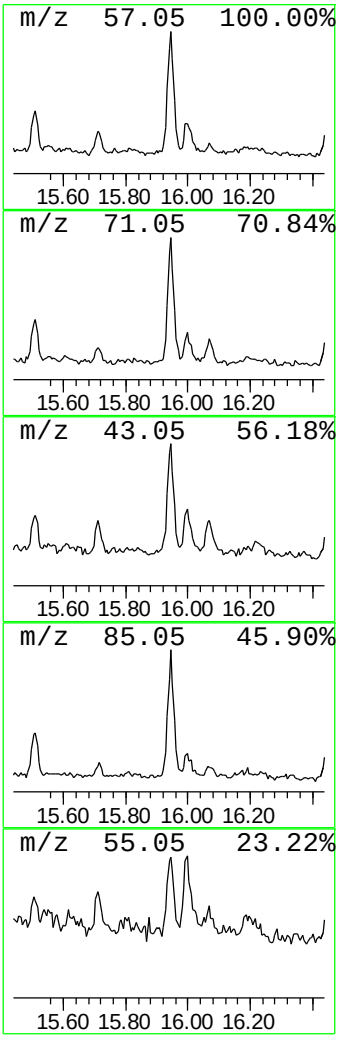
Peak Number 12 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	4.73 ng	182060	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Nonadecane	268	C19H40	000629-92-5	83





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

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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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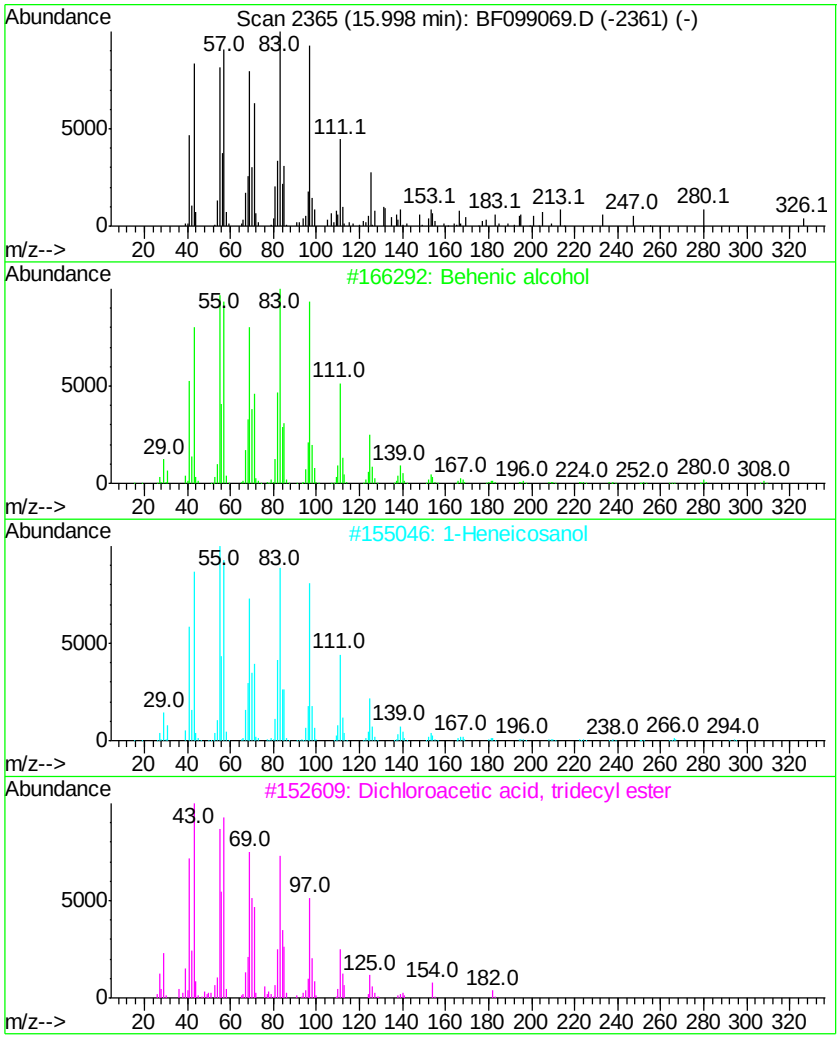
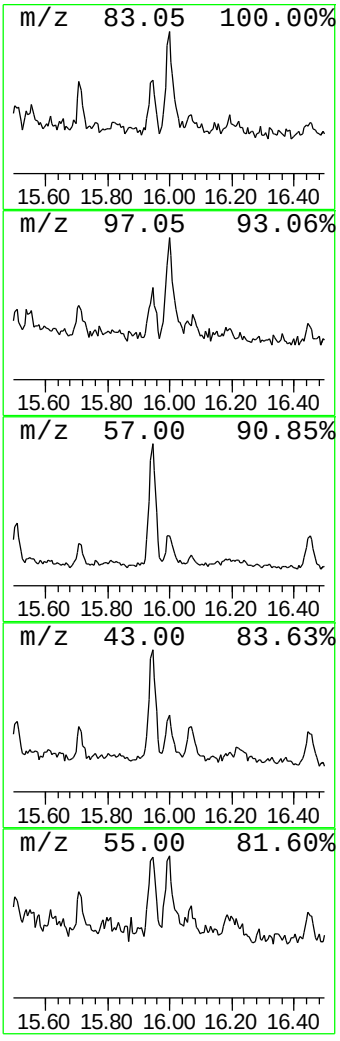
Peak Number 13 Behenic alcohol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	3.77 ng	145112	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	87
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	68
5	Cycloeicosane	280	C20H40	000296-56-0	62





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Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

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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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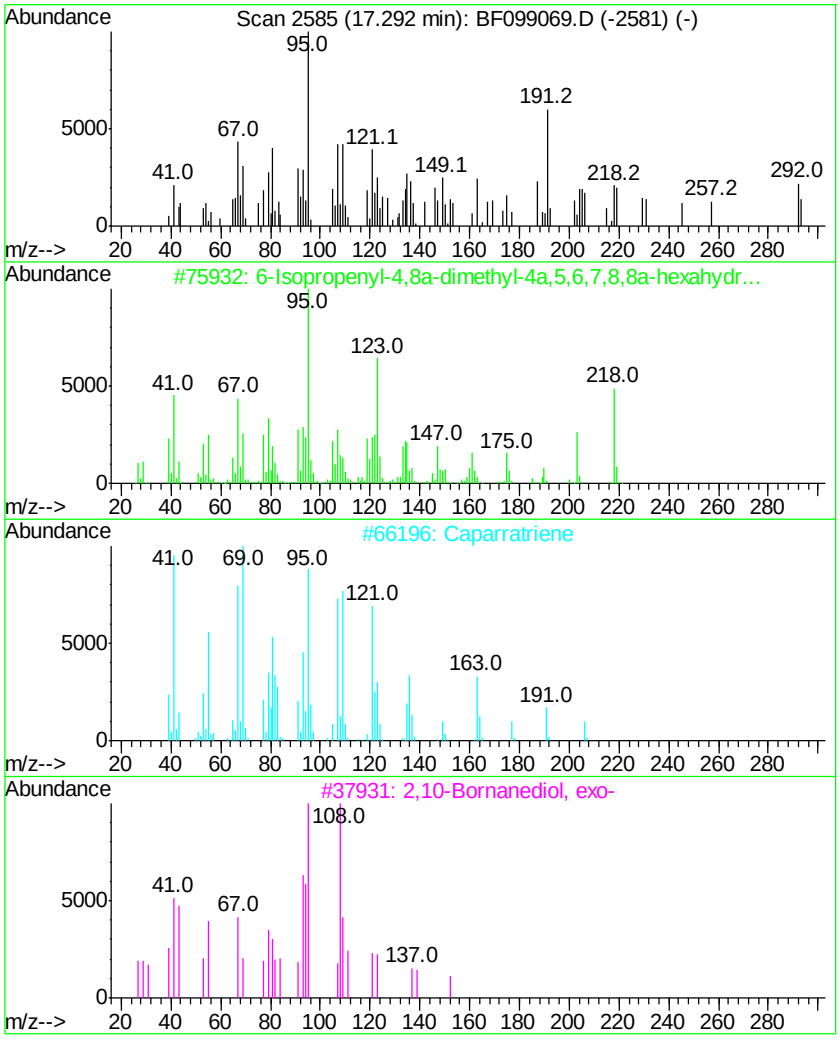
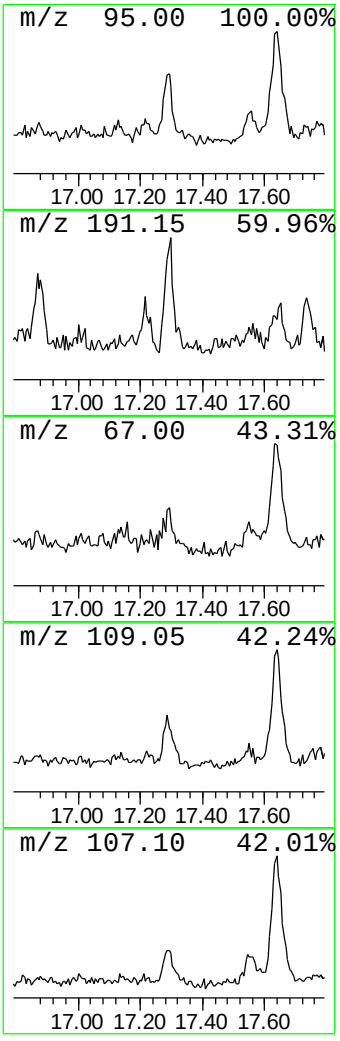
Peak Number 14 unknown17.29 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.52 ng	97283	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	41
2	Caparratriene	206	C15H26	1000374-08-7	38
3	2,10-Bornanediol, exo-	170	C10H18O2	001925-39-9	35
4	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	25
5	1-[3,3-Dimethyl-2-(3-methyl-buta...	222	C14H22O2	1000189-12-6	22





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Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

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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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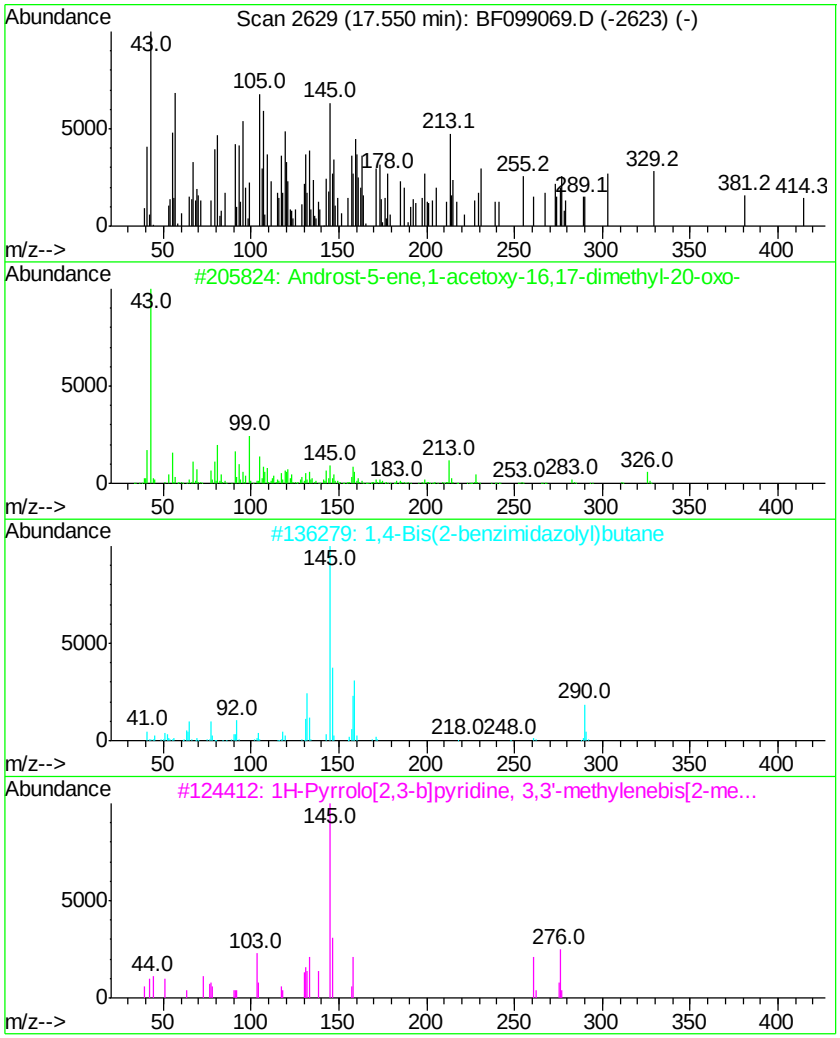
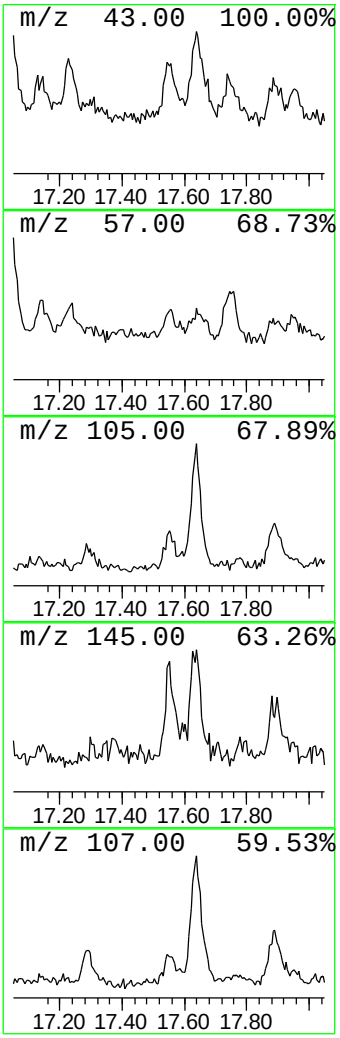
Peak Number 15 unknown17.55 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	4.29 ng	165316	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-5-ene,1-acetoxy-16,17-di...	386	C25H38O3	294866-91-4	14
2	1,4-Bis(2-benzimidazolyl)butane	290	C18H18N4	004746-56-9	11
3	1H-Pyrrolo[2,3-b]pyridine, 3,3'-...	276	C17H16N4	023709-49-1	11
4	2-(3-Isopropyl-6a,10b-dimethyl-7...	394	C27H38O2	1000188-94-9	10
5	Benzimidazole, 2-ethyl-1-propyl-	188	C12H16N2	024103-02-4	10





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Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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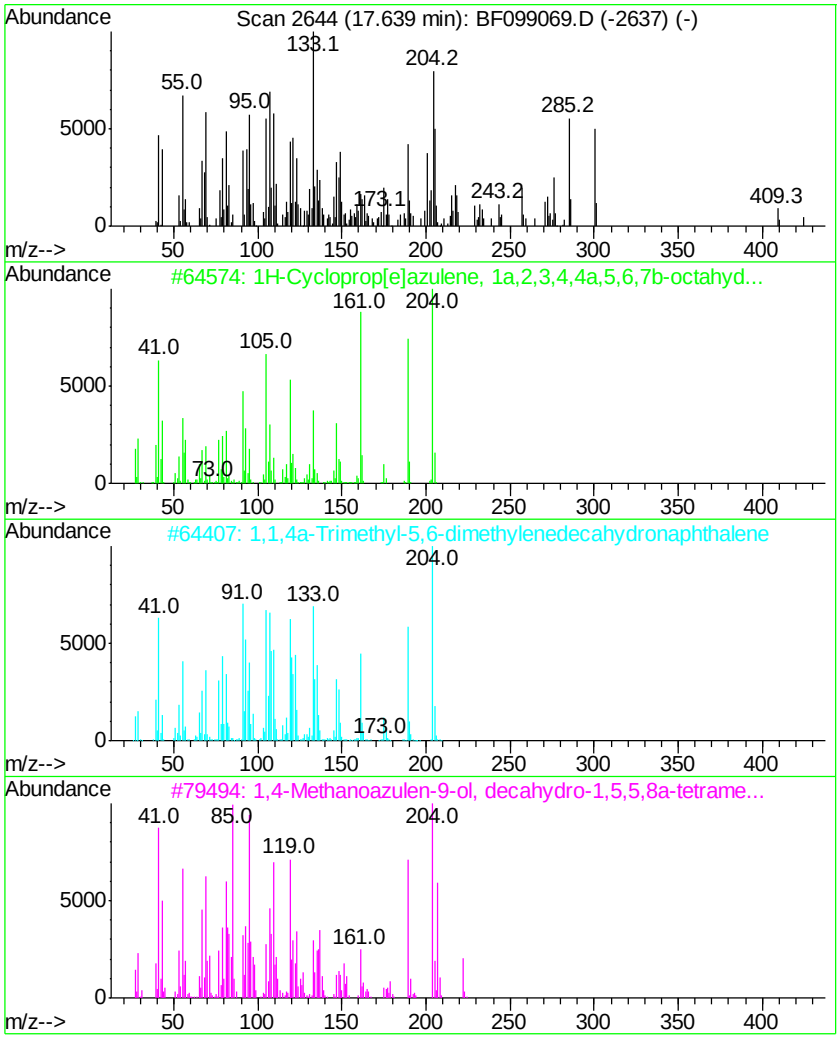
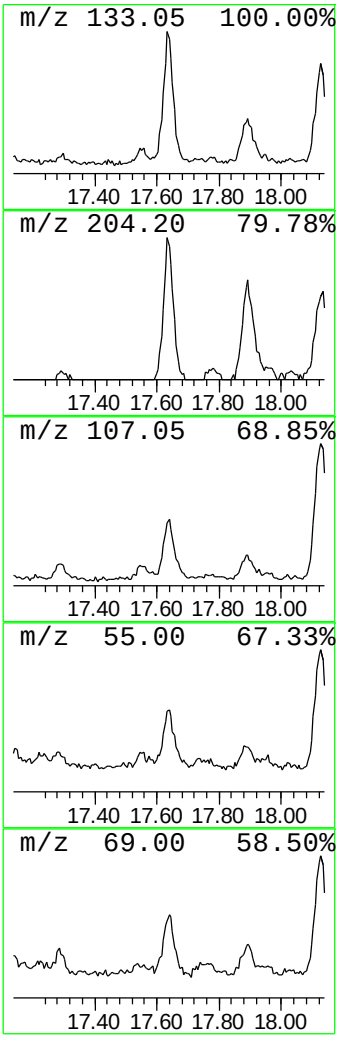
Peak Number 16 unknown17.64 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	15.92 ng	613223	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	38
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
3	1,4-Methanoazulen-9-ol, decahydr...	222	C15H26O	000465-24-7	30
4	Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	25
5	Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	25





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
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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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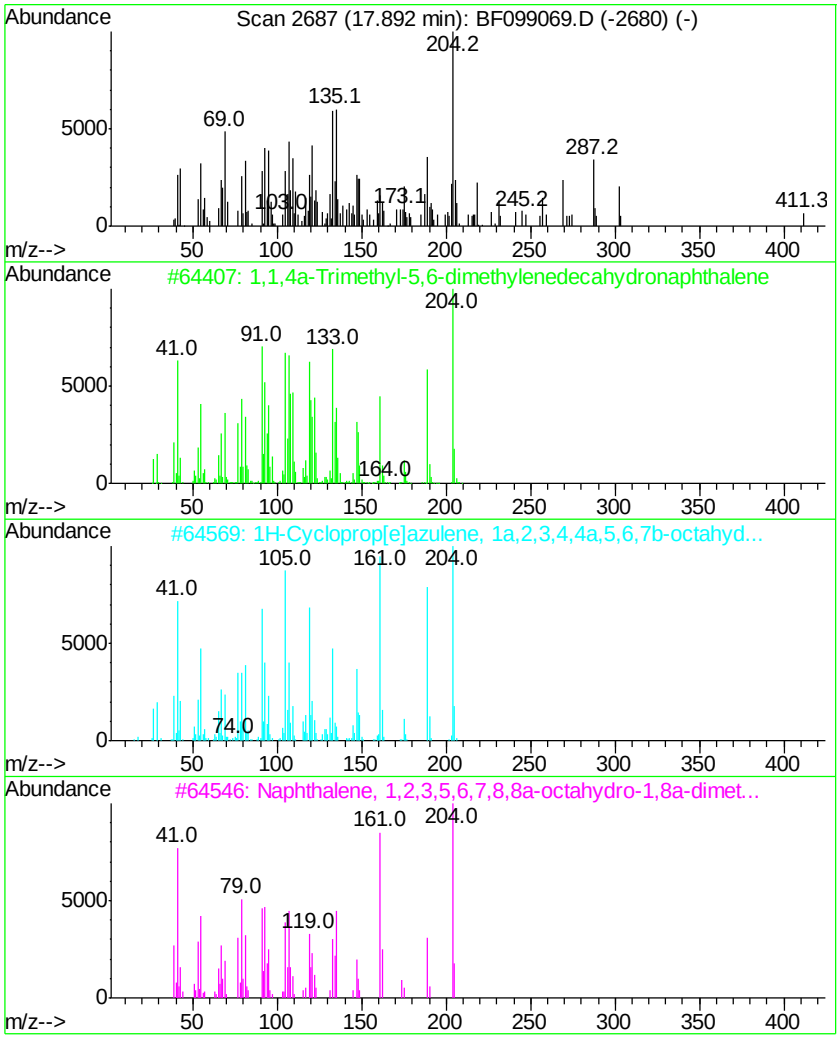
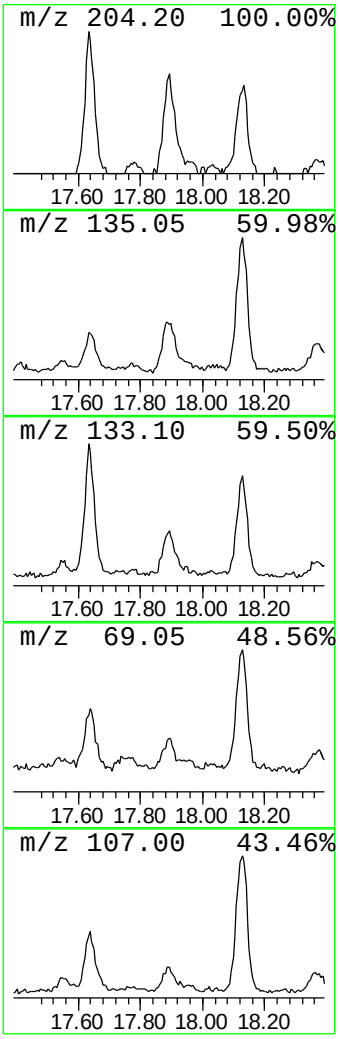
Peak Number 17 unknown17.89 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	6.97 ng	268715	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	47
2	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	46
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43





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Acq On : 4 Oct 2017 16:19
Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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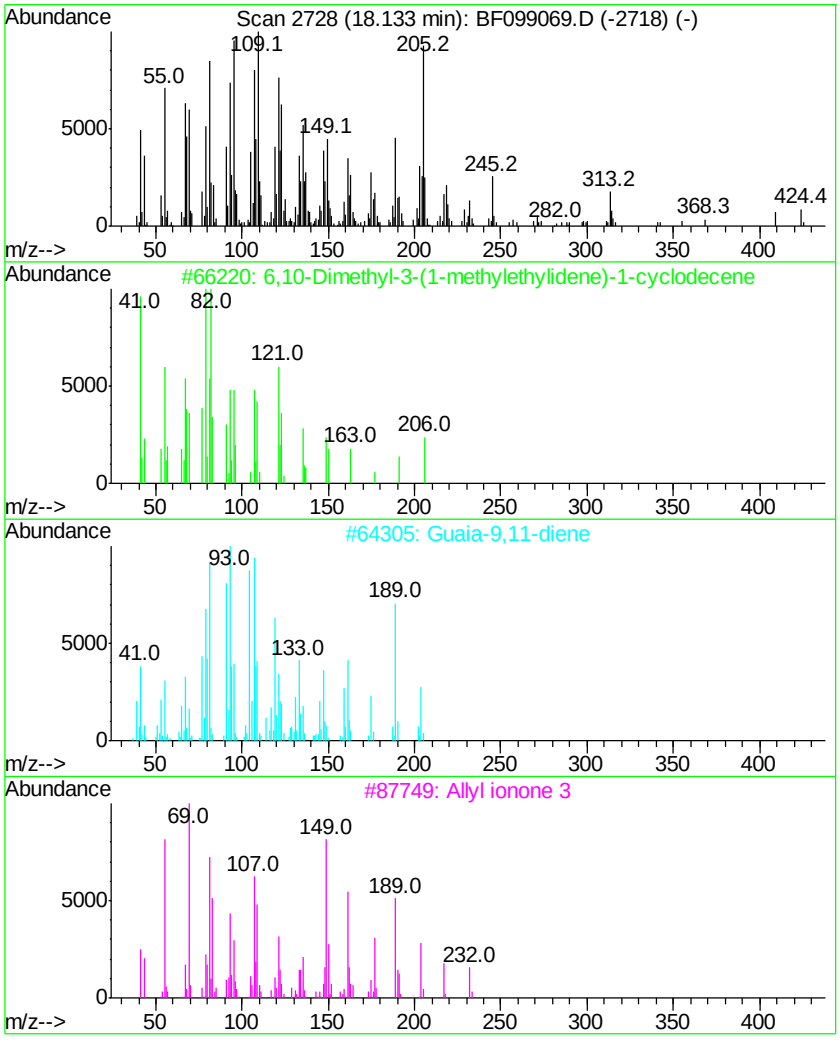
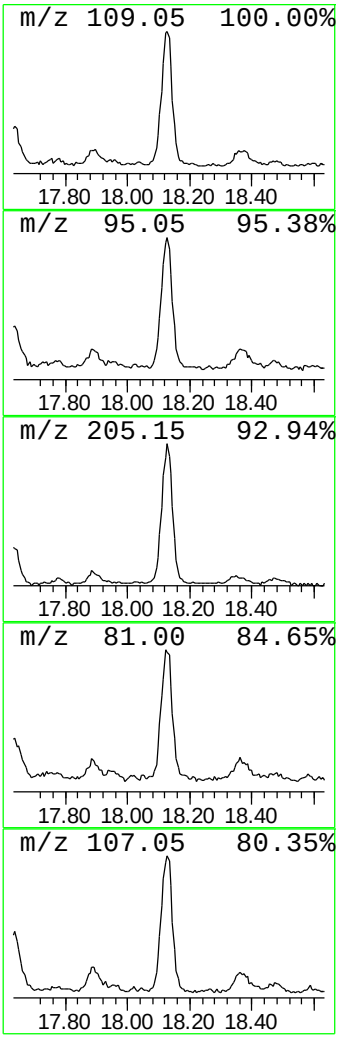
Peak Number 18 6,10-Dimethyl-3-(1-methylet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	35.05 ng	1350440	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	64
2	Guaia-9,11-diene	204	C15H24	1000374-19-8	60
3	Allyl ionone 3	232	C16H24O	1000284-92-9	56
4	.gamma.-Elemene	204	C15H24	029873-99-2	44
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099069.D
Acq On : 4 Oct 2017 16:19
Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

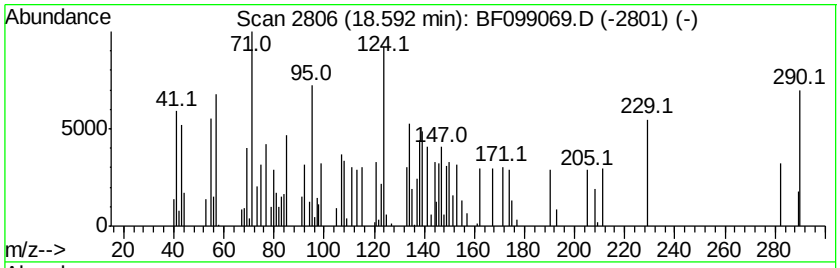
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

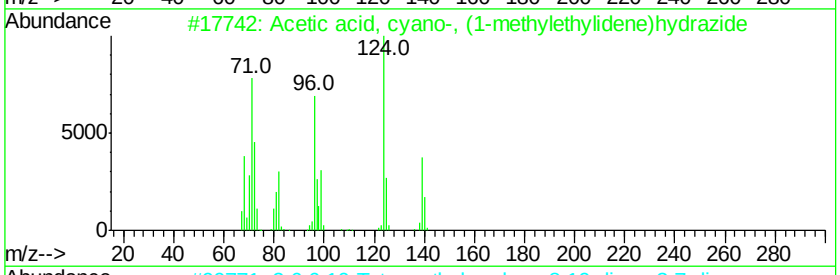
****

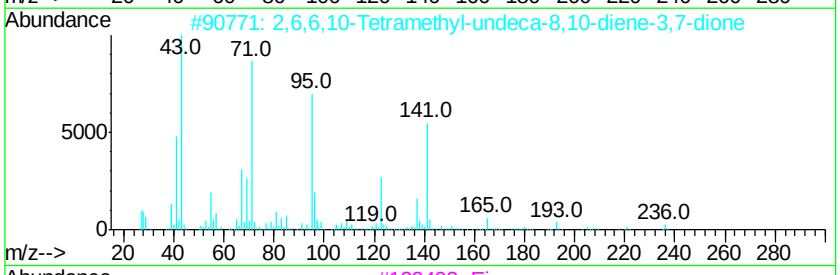
Peak Number 20 unknown18.59 Concentration Rank 18

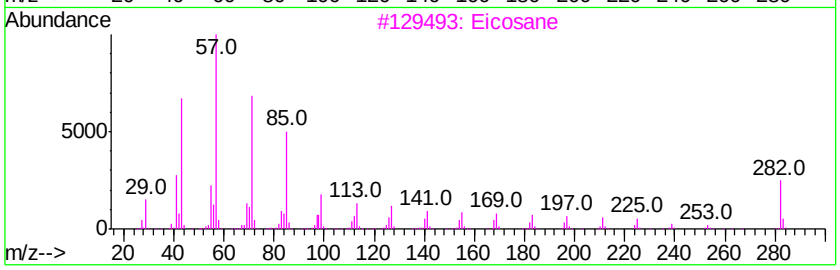
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	3.07 ng	118104	Perylene-d12	15.50

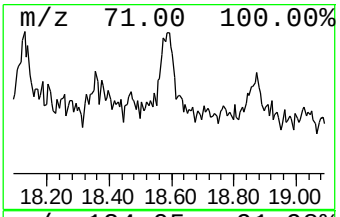
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, (1-methylet...	139	C6H9N3O	004974-42-9	25
2	2,6,6,10-Tetramethyl-undeca-8,10...	236	C15H24O2	098419-16-0	12
3	Eicosane	282	C20H42	000112-95-8	11
4	2-Amino-4-methyl-3-pyridinol	124	C6H8N2O	020348-18-9	10
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	10

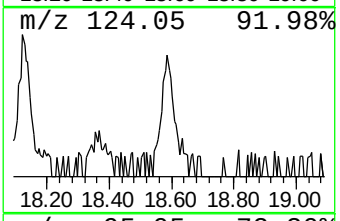


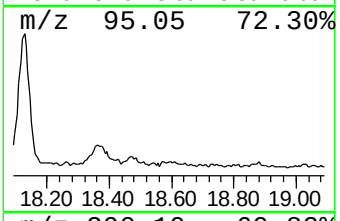


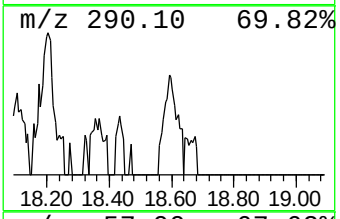


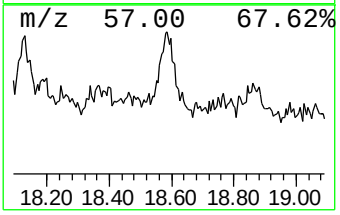












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100417\
Data File : BF099069.D
Acq On : 4 Oct 2017 16:19
Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1B-(1-2)-COMP-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	2.16	7.0	ng	307321	1	6.86	871571	20.0
unknown3.42	3.42	3.1	ng	135968	1	6.86	871571	20.0
2-Pentanone, 4-hy...	5.09	17.4	ng	757528	1	6.86	871571	20.0
unknown6.64	6.64	88.4	ng	3853940	1	6.86	871571	20.0
Tetradecane	10.80	2.5	ng	165737	4	11.39	1307370	20.0
Octadecanal	13.65	3.9	ng	243304	5	14.03	1246220	20.0
1-Heneicosanol	13.86	11.0	ng	685230	5	14.03	1246220	20.0
Heptadecyl heptaf...	14.49	10.9	ng	677640	5	14.03	1246220	20.0
Octacosane	15.13	5.5	ng	209941	6	15.50	770568	20.0
Octacosanol	15.15	6.2	ng	240153	6	15.50	770568	20.0
Perylene	15.37	4.4	ng	169701	6	15.50	770568	20.0
Hexadecane	15.94	4.7	ng	182060	6	15.50	770568	20.0
Behenic alcohol	16.00	3.8	ng	145112	6	15.50	770568	20.0
unknown17.29	17.29	2.5	ng	97283	6	15.50	770568	20.0
unknown17.55	17.55	4.3	ng	165316	6	15.50	770568	20.0
unknown17.64	17.64	15.9	ng	613223	6	15.50	770568	20.0
unknown17.89	17.89	7.0	ng	268715	6	15.50	770568	20.0
6,10-Dimethyl-3-(...	18.13	35.0	ng	1350440	6	15.50	770568	20.0
unknown18.59	18.59	3.1	ng	118104	6	15.50	770568	20.0