LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097567.D
Acq On : 10 Aug 2017 19:31
Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.522	478	482	501	rBV	119837	268892	2.36%	0.437%
2	4.987	557	561	589	rBV	1619106	2427142	21.29%	3.943%
3	6.069	742	745	758	rBV	2215811	2521943	22.12%	4.097%
4	6.169	758	762	770	rVB	2212557	2457951	21.56%	3.993%
5	6.392	796	800	815	rVB	695319	713746	6.26%	1.160%
6	6.545	822	826	840	rBV	1862872	1808632	15.86%	2.938%
7	6.969	894	898	914	rBV	1486331	1707381	14.98%	2.774%
8	7.675	1015	1018	1031	rBV	1060431	1032363	9.06%	1.677%
9	8.751	1197	1201	1206	rBV	2318941	2193604	19.24%	3.564%
10	9.039	1248	1250	1255	rVV	153809	146626	1.29%	0.238%
11	9.157	1267	1270	1274	rVV	564123	487692	4.28%	0.792%
12	9.416	1310	1314	1317	rVV2	1093197	968189	8.49%	1.573%
13	9.451	1317	1320	1323	rVV	223153	218692	1.92%	0.355%
14	9.628	1344	1350	1354	rBV	169900	185053	1.62%	0.301%
15	9.875	1389	1392	1395	rVB	166316	146082	1.28%	0.237%
16	9.963	1404	1407	1410	rBV	311989	271789	2.38%	0.442%
17	10.210	1445	1449	1454	rVV	1240191	1294780	11.36%	2.104%
18	10.339	1468	1471	1478	rVB	183780	247795	2.17%	0.403%
19	10.451	1484	1490	1492	rBV	301313	293910	2.58%	0.477%
20	10.716	1531	1535	1539	rBV	121205	116120	1.02%	0.189%
21	10.786	1544	1547	1550	rVV	229722	240412	2.11%	0.391%
22	10.892	1561	1565	1567	rBV	950582	896095	7.86%	1.456%
23	10.916	1567	1569	1573	rVV	1882074	1721262	15.10%	2.796%
24	10.969	1574	1578	1583	rVB	522782	493309	4.33%	0.801%
25	11.139	1602	1607	1613	rBV2	195456	264732	2.32%	0.430%
26	11.216	1617	1620	1621	rVV2	166147	166618	1.46%	0.271%
27	11.233	1621	1623	1628	rVV	576050	510683	4.48%	0.830%
28	11.327	1632	1639	1642	rVB	4578807	5918606	51.92%	9.616%
29	11.392	1644	1650	1653	rBV	245510	275437	2.42%	0.447%
30	11.422	1653	1655	1658	rVV	268851	257952	2.26%	0.419%
31	11.469	1658	1663	1666	rVV2	787150	906492	7.95%	1.473%
32	11.504	1666	1669	1671	rVV	399362	405297	3.56%	0.658%
33	11.527	1671	1673	1679	rVB	167575	174681	1.53%	0.284%
34	11.627	1685	1690	1695	rVB2	120297	191474	1.68%	0.311%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.692	1698	1701	1703	rVV	139903	127806	1.12%	0.208%
36	11.716	1703	1705	1707	rVV	149982	126875	1.11%	0.206%
37	11.945	1740	1744	1746	rBV	128409	129881	1.14%	0.211%
38	12.022	1746	1757	1758	rBV2	4798275	11400278	100.00%	18.521%
39	12.110	1768	1772	1775	rVB2	3617557	4076787	35.76%	6.623%
40	12.163	1775	1781	1791	rVB2	680473	1109069	9.73%	1.802%
41	12.239	1791	1794	1804	rVB4	282710	375553	3.29%	0.610%
42	12.333	1804	1810	1815	rBV	1219085	1507302	13.22%	2.449%
43	12.380	1815	1818	1824	rVB4	109287	203643	1.79%	0.331%
44	12.480	1827	1835	1838	rBV	1372456	1433346	12.57%	2.329%
45	12.563	1843	1849	1852	rBV2	114655	213063	1.87%	0.346%
46	12.663	1863	1866	1870	rVB	208892	220223	1.93%	0.358%
47	12.739	1874	1879	1887	rVB5	353753	803478	7.05%	1.305%
48	12.821	1890	1893	1895	rBV	349391	355697	3.12%	0.578%
49	12.886	1901	1904	1909	rBV3	231247	271563	2.38%	0.441%
50	12.927	1909	1911	1915	rVV	129444	136273	1.20%	0.221%
51	12.980	1918	1920	1923	rVB2	118537	114956	1.01%	0.187%
52	13.027	1923	1928	1931	rBV6	140057	179627	1.58%	0.292%
53	13.180	1951	1954	1959	rVB	132019	157258	1.38%	0.255%
54	13.245	1961	1965	1968	rBV2	257293	352645	3.09%	0.573%
55	13.386	1986	1989	1996	rVB2	258222	316356	2.77%	0.514%
56	13.486	2003	2006	2008	rBV	276280	262490	2.30%	0.426%
57	13.516	2008	2011	2014	rVV2	910910	1250266	10.97%	2.031%
58	13.545	2014	2016	2020	rVB2	602126	620001	5.44%	1.007%
59	13.910	2074	2078	2081	rBV2	153505	173465	1.52%	0.282%
60	14.104	2108	2111	2116	rVB	142316	141334	1.24%	0.230%
61	14.368	2152	2156	2158	rBV	225312	231335	2.03%	0.376%
62	14.515	2177	2181	2184	rBV	616776	793833	6.96%	1.290%
63	14.610	2195	2197	2201	rVB	132026	125918	1.10%	0.205%
64	14.763	2219	2223	2226	rBV	308931	329969	2.89%	0.536%
65	14.815	2228	2232	2236	rVV	462965	525690	4.61%	0.854%
66	14.863	2236	2240	2243	rVV	472349	542261	4.76%	0.881%
67	14.892	2243	2245	2251	rVB2	175956	207312	1.82%	0.337%
68	15.233	2299	2303	2307	rBV	109749	154337	1.35%	0.251%
69	16.057	2438	2443	2449	rBV2	209614	403094	3.54%	0.655%
70	16.404	2498	2502	2508	rBV	142625	247941	2.17%	0.403%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 61552357

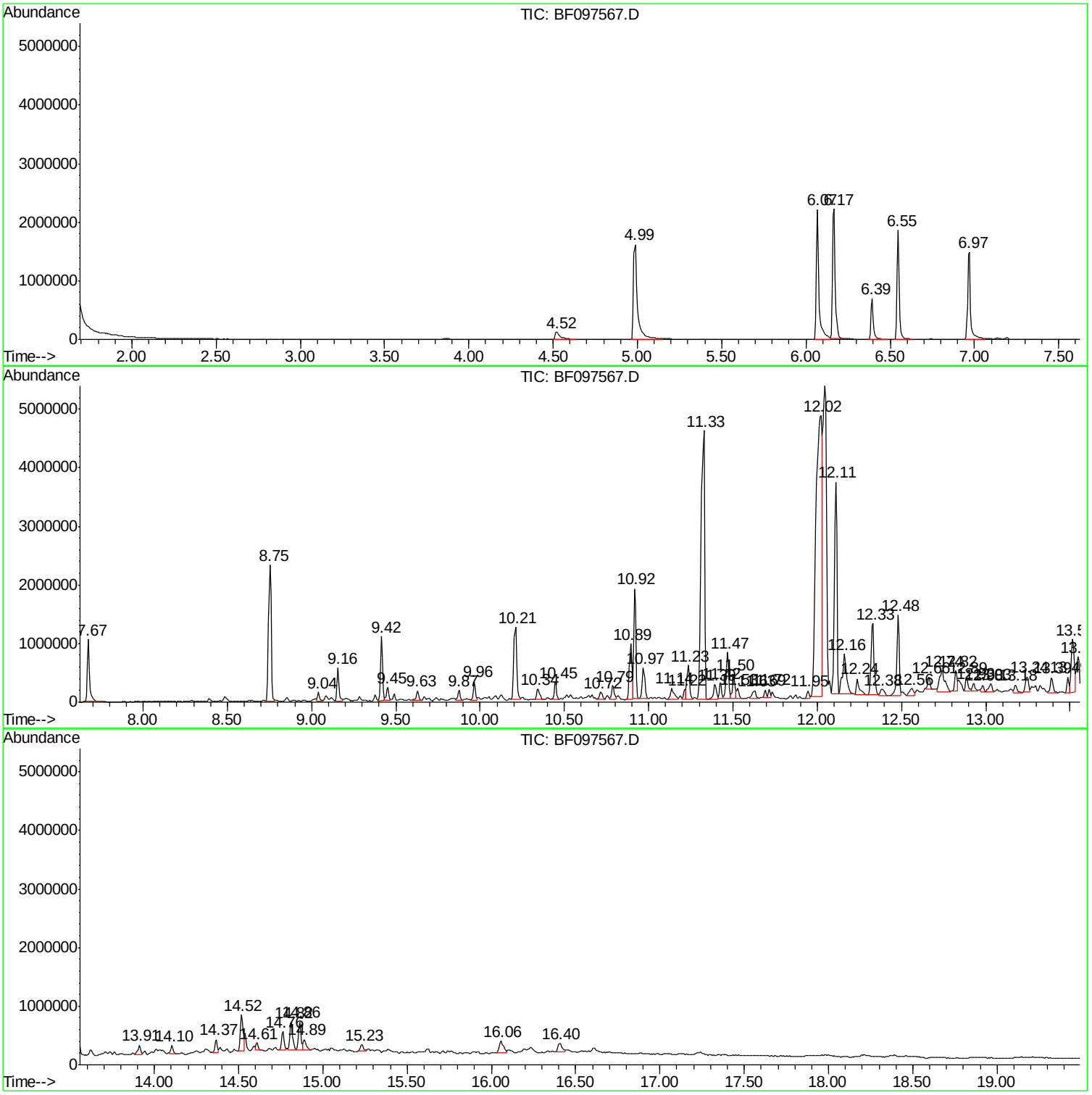
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097567.D
Acq On : 10 Aug 2017 19:31
Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097567.D
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Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

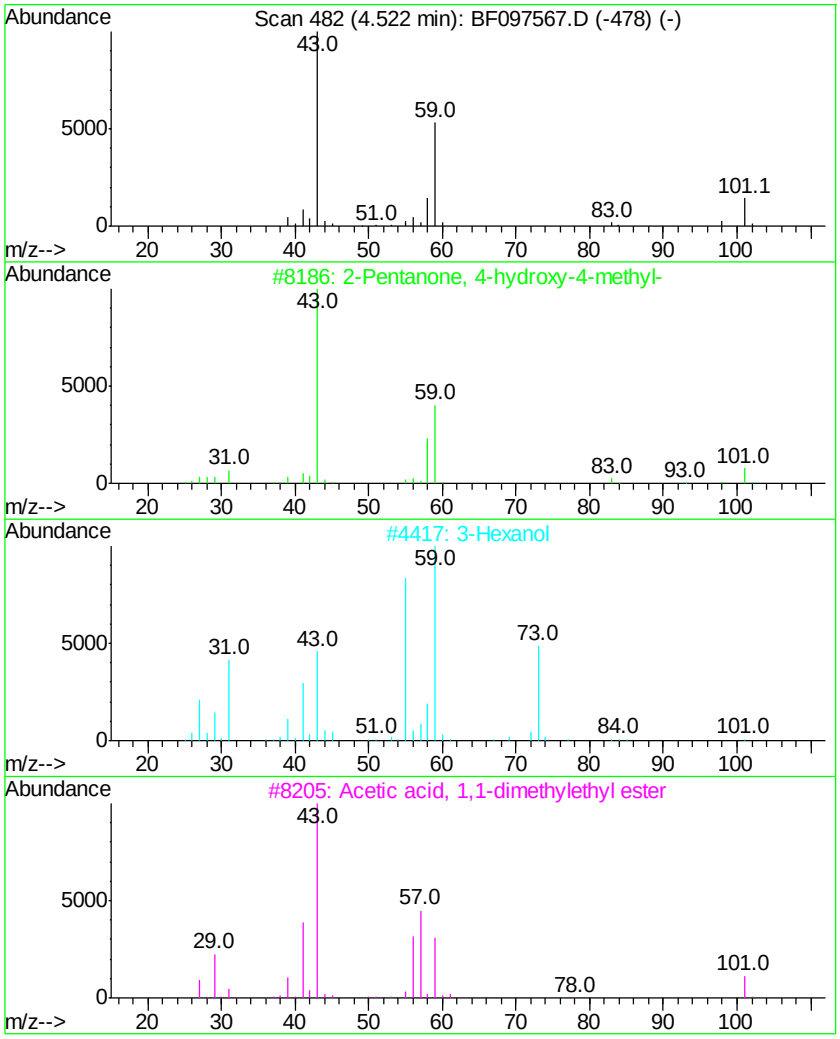
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

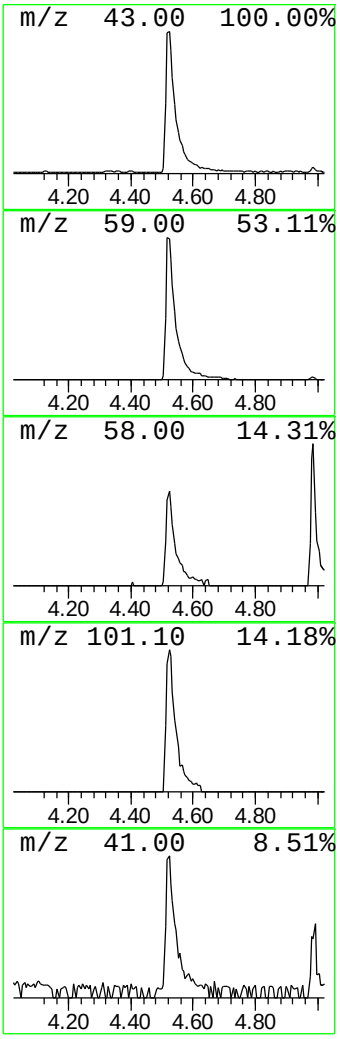
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	7.53 ng	268892	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097567.D
Acq On : 10 Aug 2017 19:31
Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

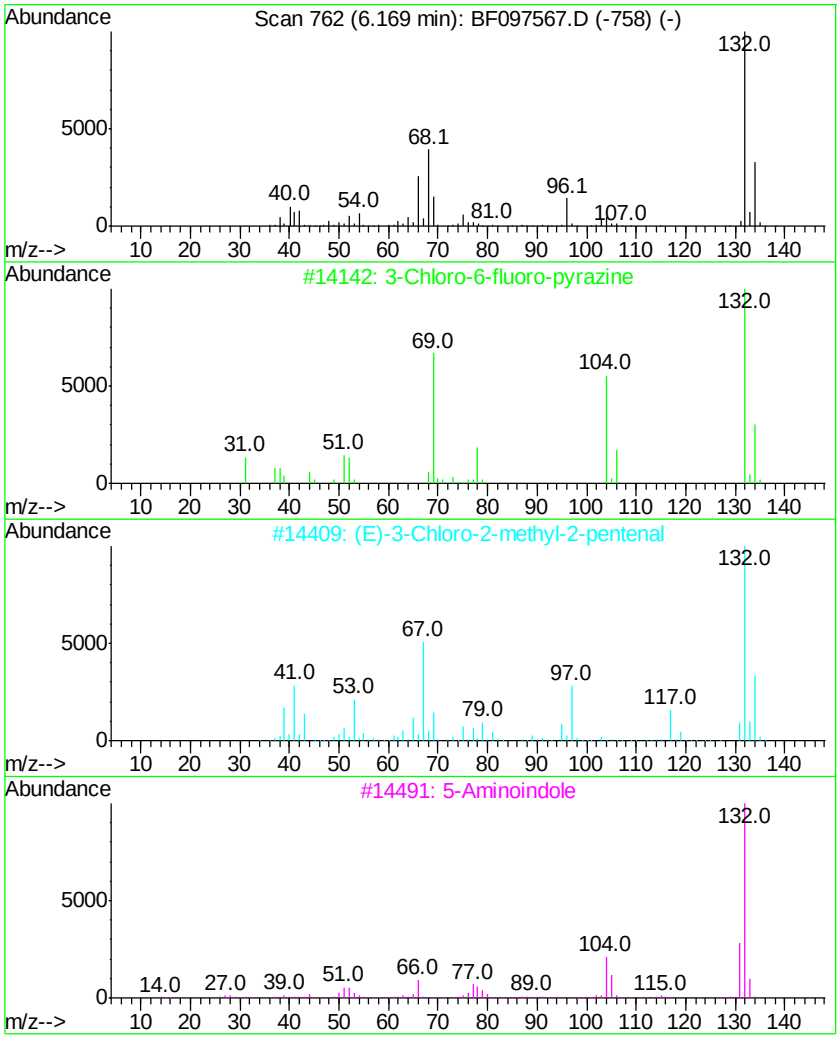
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

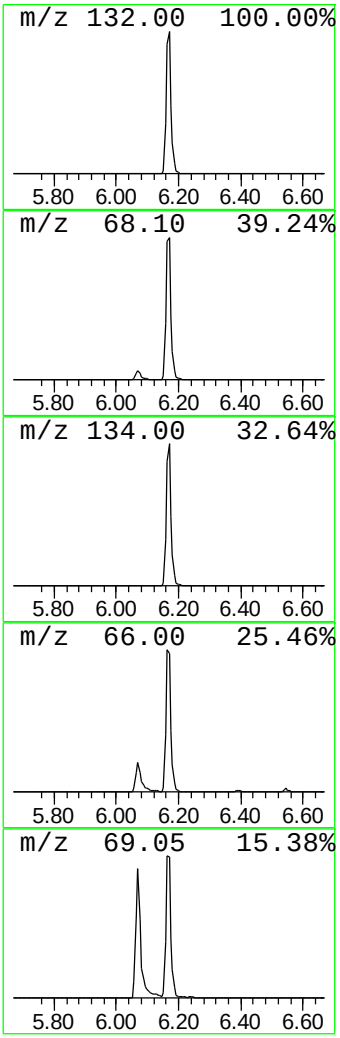
****

Peak Number 2 unknown6.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	68.87 ng	2457950	1,4-Dichlorobenzene-d4	6.39

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097567.D
Acq On : 10 Aug 2017 19:31
Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

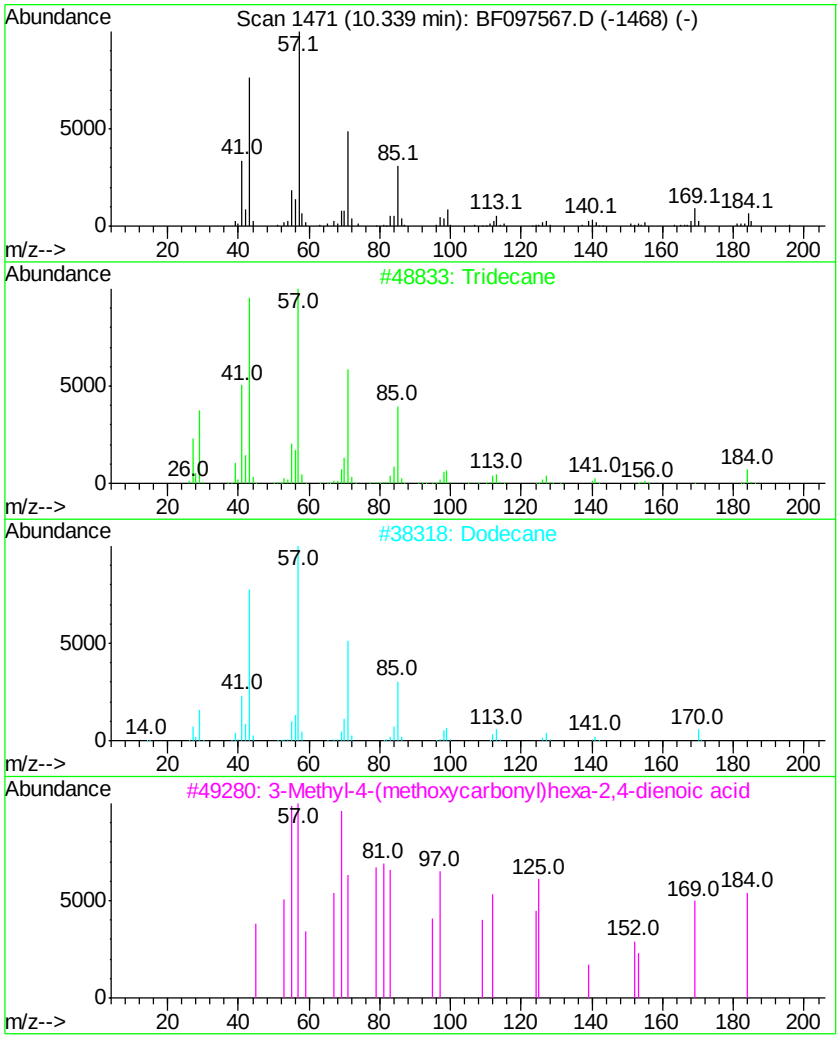
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

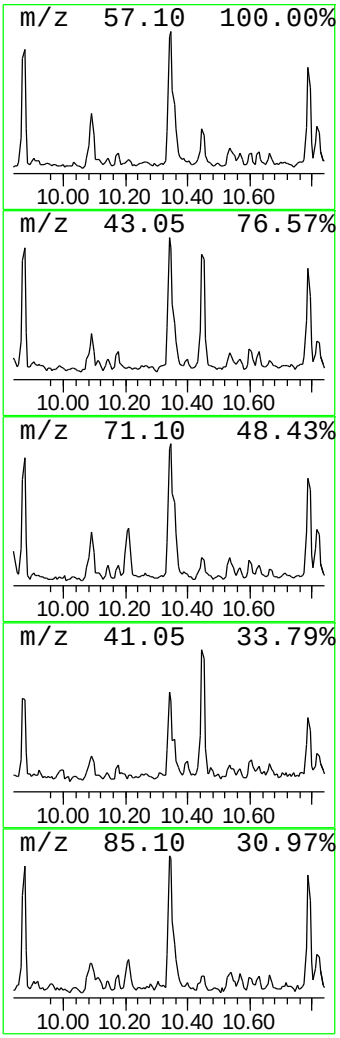
****

Peak Number 4 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	5.53 ng	247795	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Dodecane	170	C12H26	000112-40-3	91
3	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	90
4	Hexadecane	226	C16H34	000544-76-3	83
5	Pentadecane	212	C15H32	000629-62-9	83





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Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

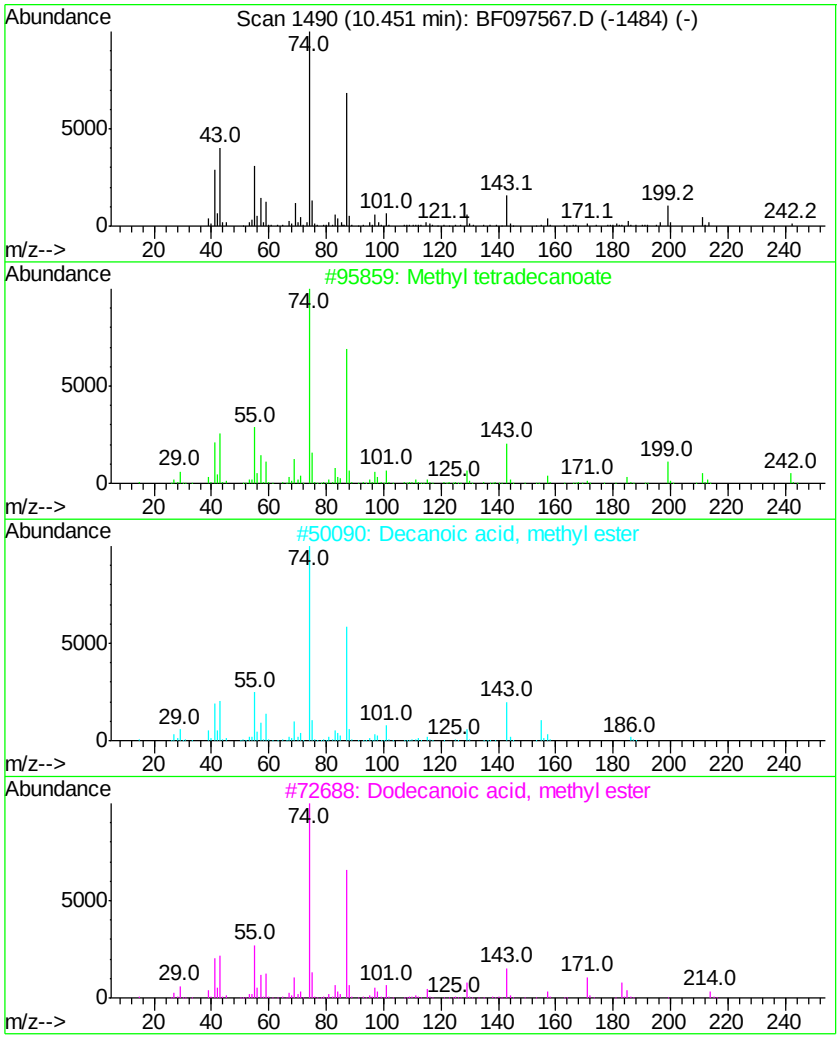
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

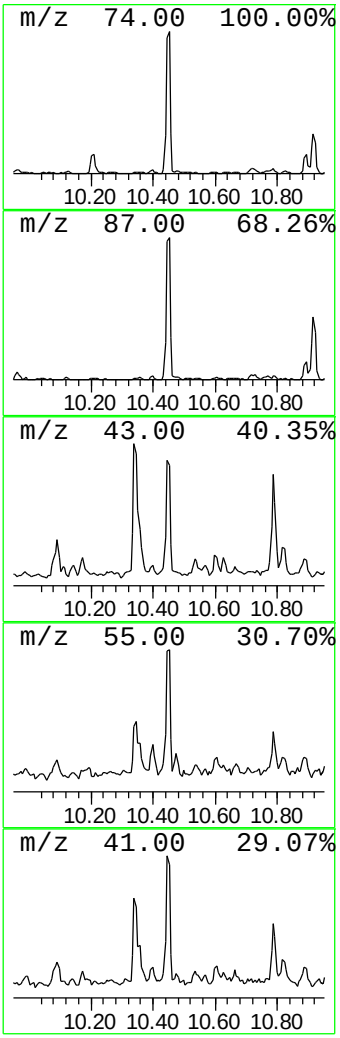
****

Peak Number 5 Methyl tetradecanoate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	6.56 ng	293910	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	87
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	86
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86





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Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

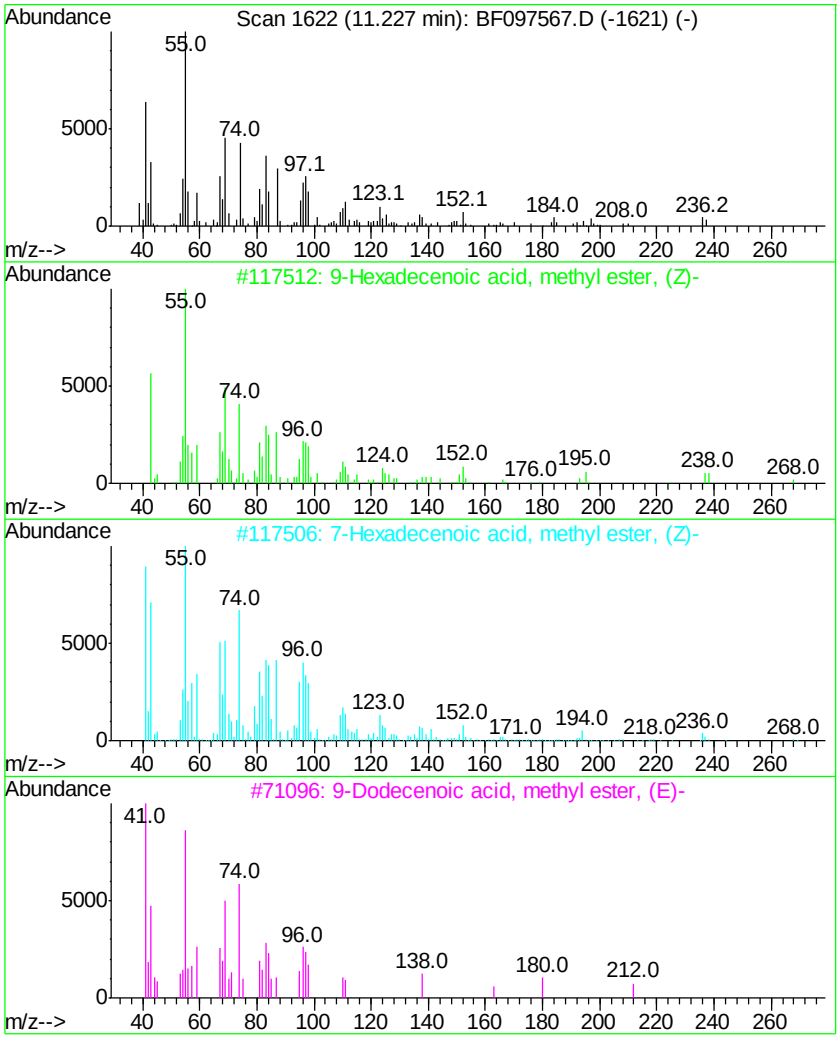
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

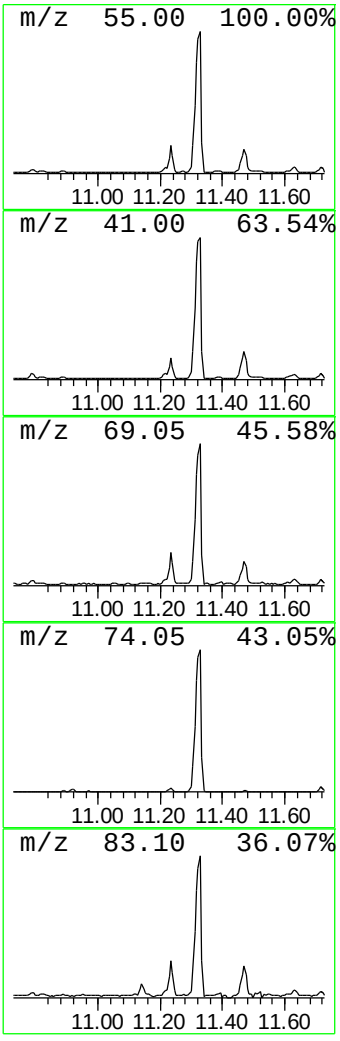
****

Peak Number 6 9-Hexadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	11.40 ng	510683	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	83
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	64
3	9-Dodecenoic acid, methyl ester,...	212	C13H24O2	055030-26-7	47
4	5-Hexenoic acid, methyl ester	128	C7H12O2	002396-80-7	38
5	Nonanedioic acid, dimethyl ester	216	C11H20O4	001732-10-1	38





Library Search Compound Report

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Data File : BF097567.D
Acq On : 10 Aug 2017 19:31
Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

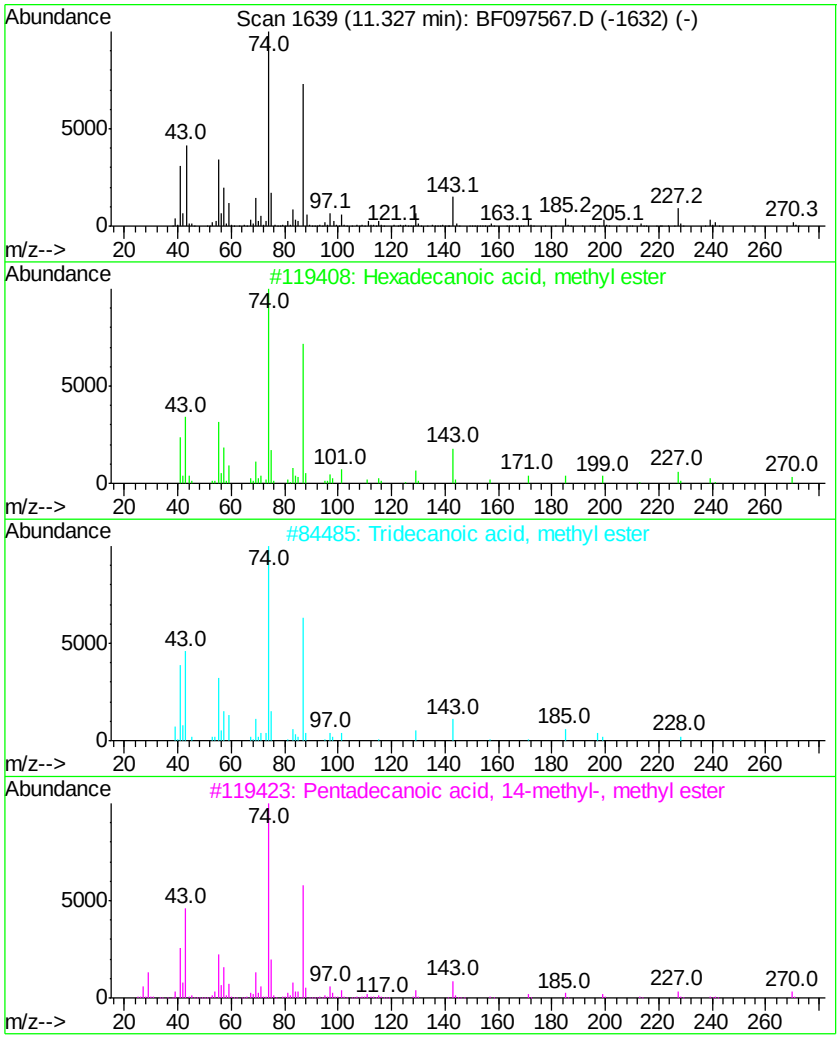
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

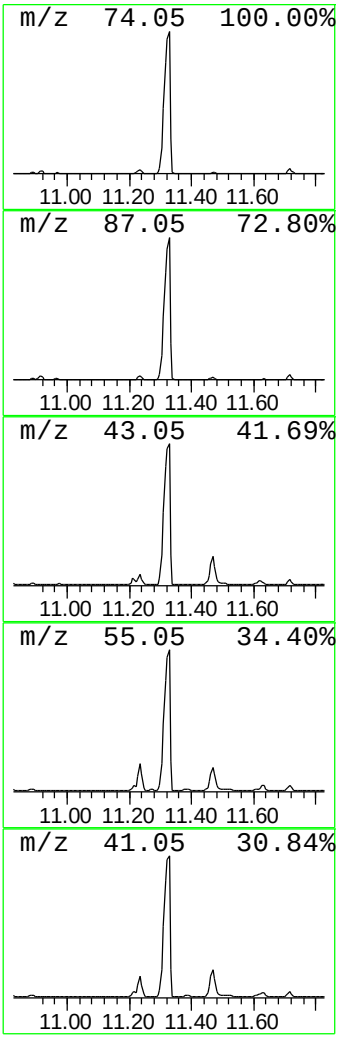
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	132.10 ng	5918610	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097567.D
Acq On : 10 Aug 2017 19:31
Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

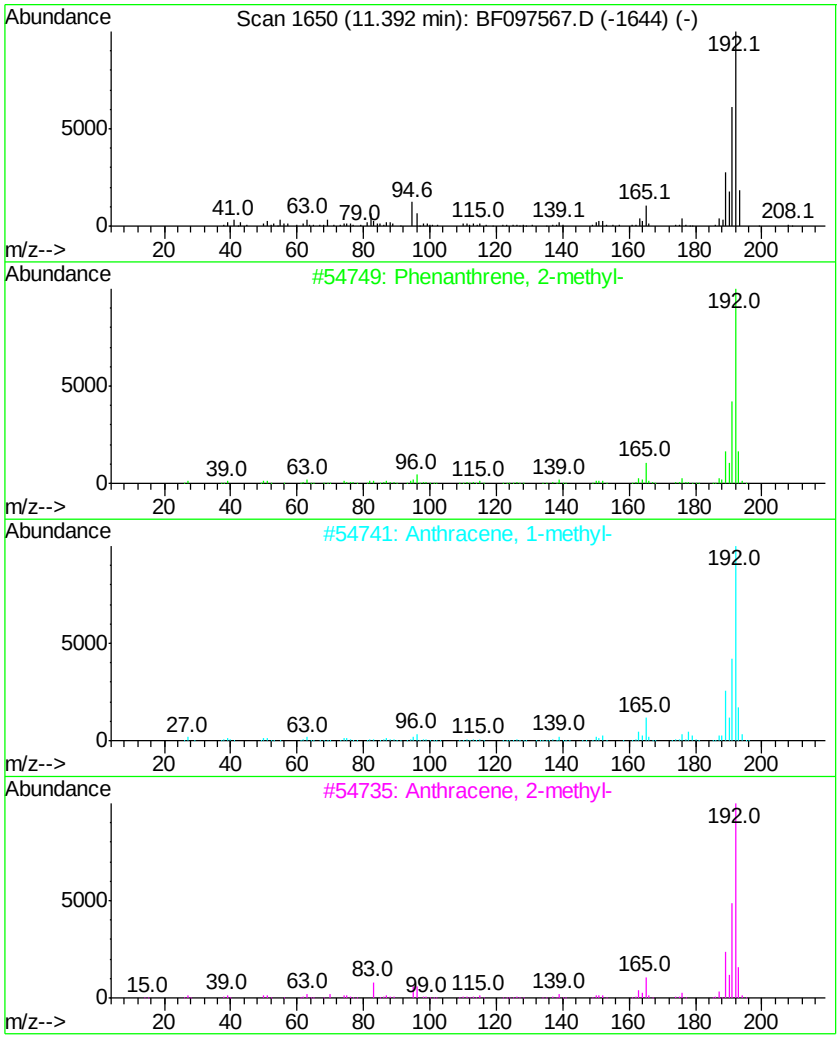
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

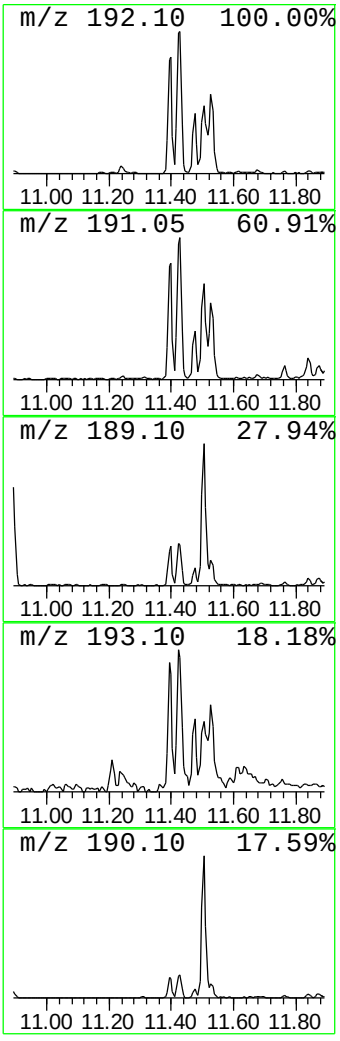
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.15 ng	275437	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 10 Aug 2017 19:31
Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

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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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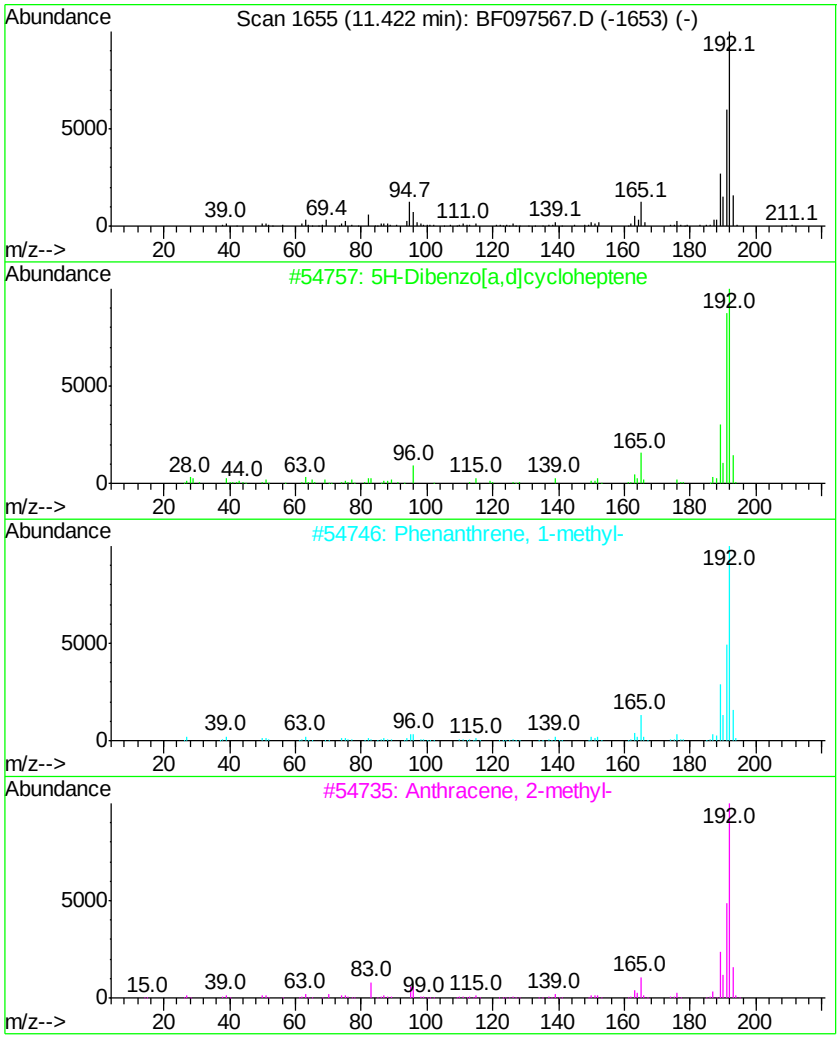
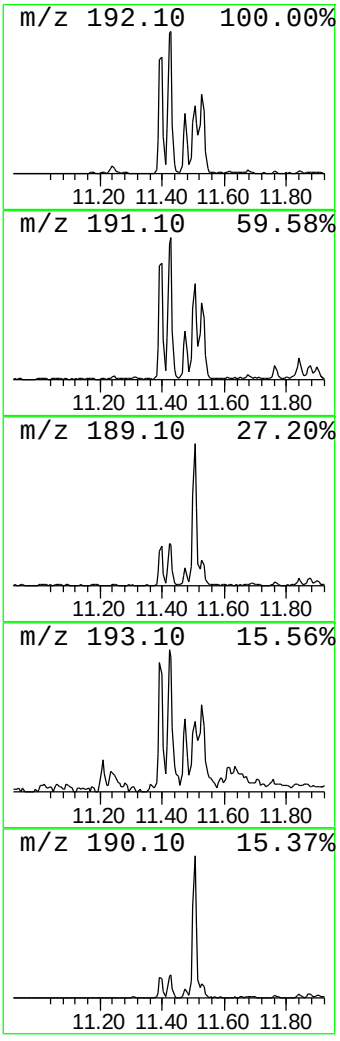
Peak Number 9 5H-Dibenzo[a,d]cycloheptene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	5.76 ng	257952	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Instrument : BNA_F
ClientSampleId : TR-04-080917

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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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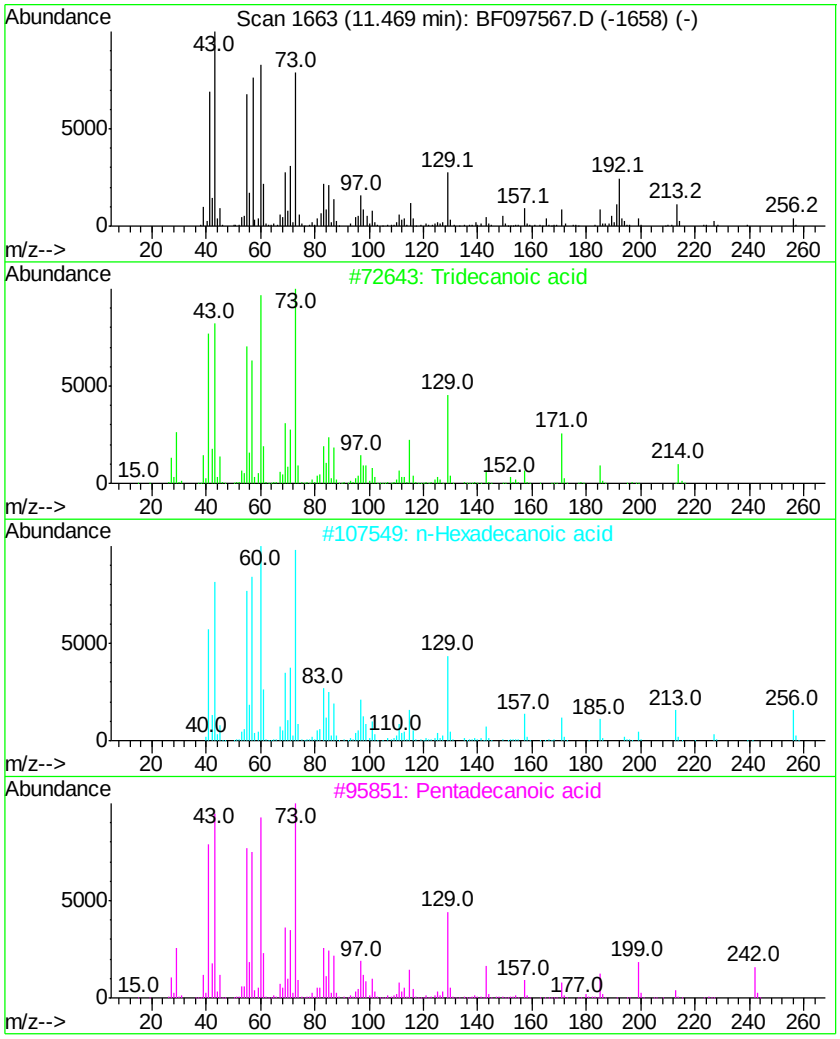
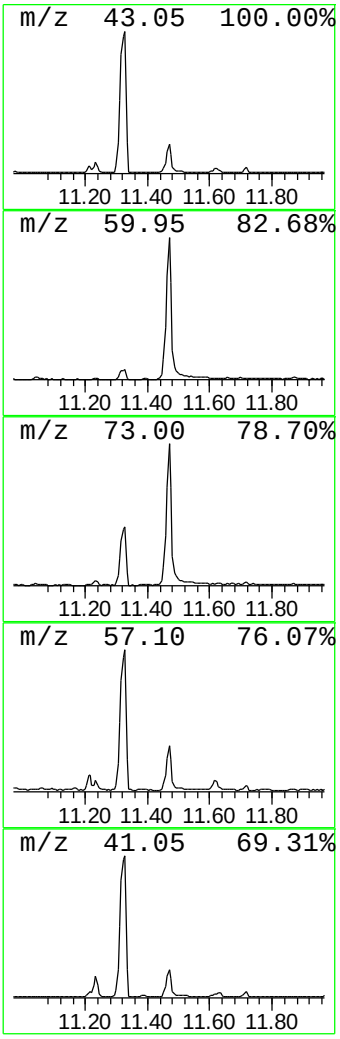
Peak Number 10 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	20.23 ng	906492	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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ALS Vial : 9 Sample Multiplier: 1

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

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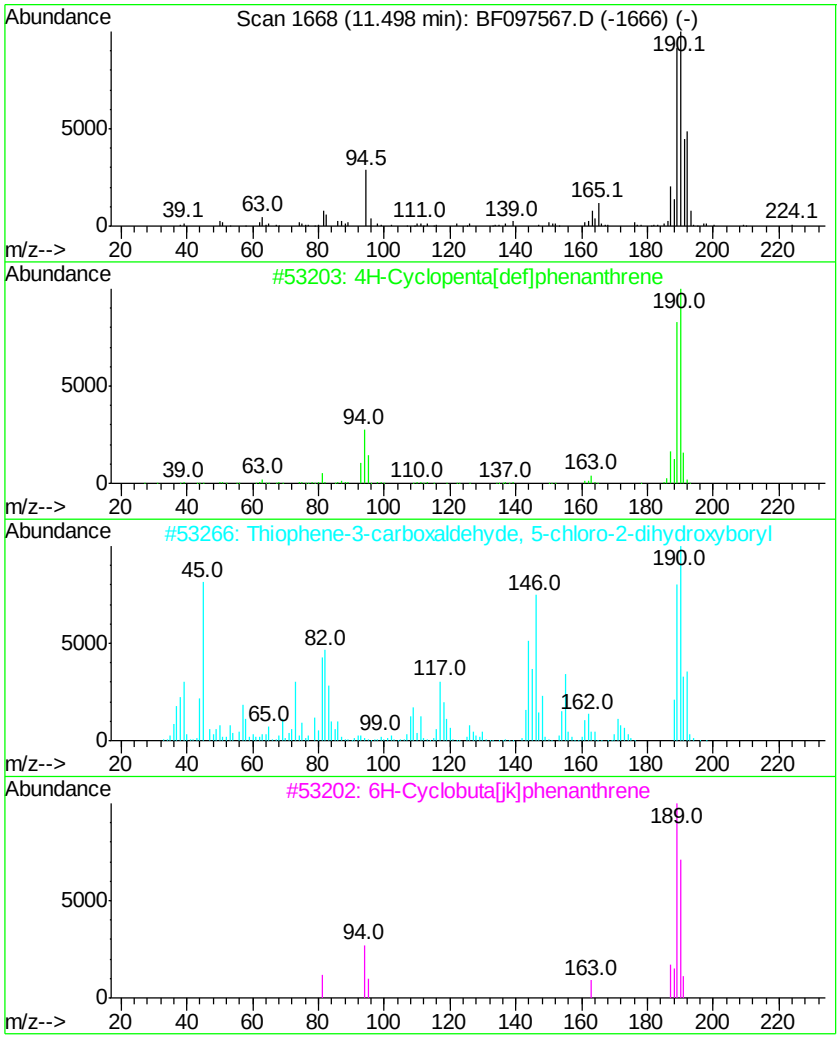
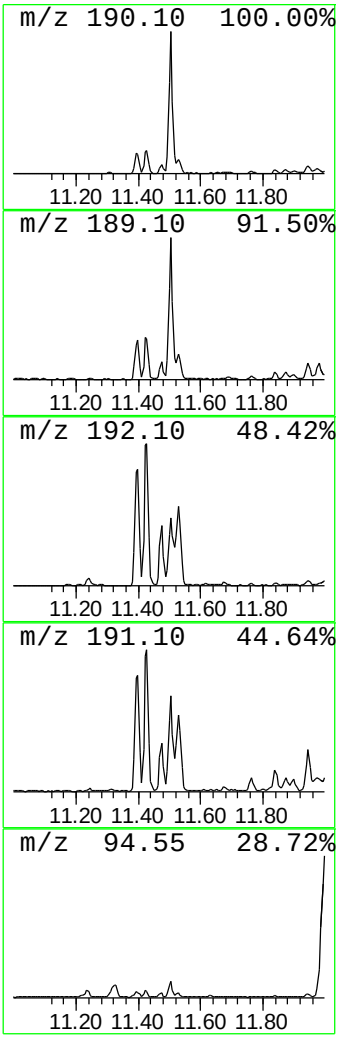
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	9.05 ng	405297	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	Methyl diselenide	190	C2H6Se2	007101-31-7	41
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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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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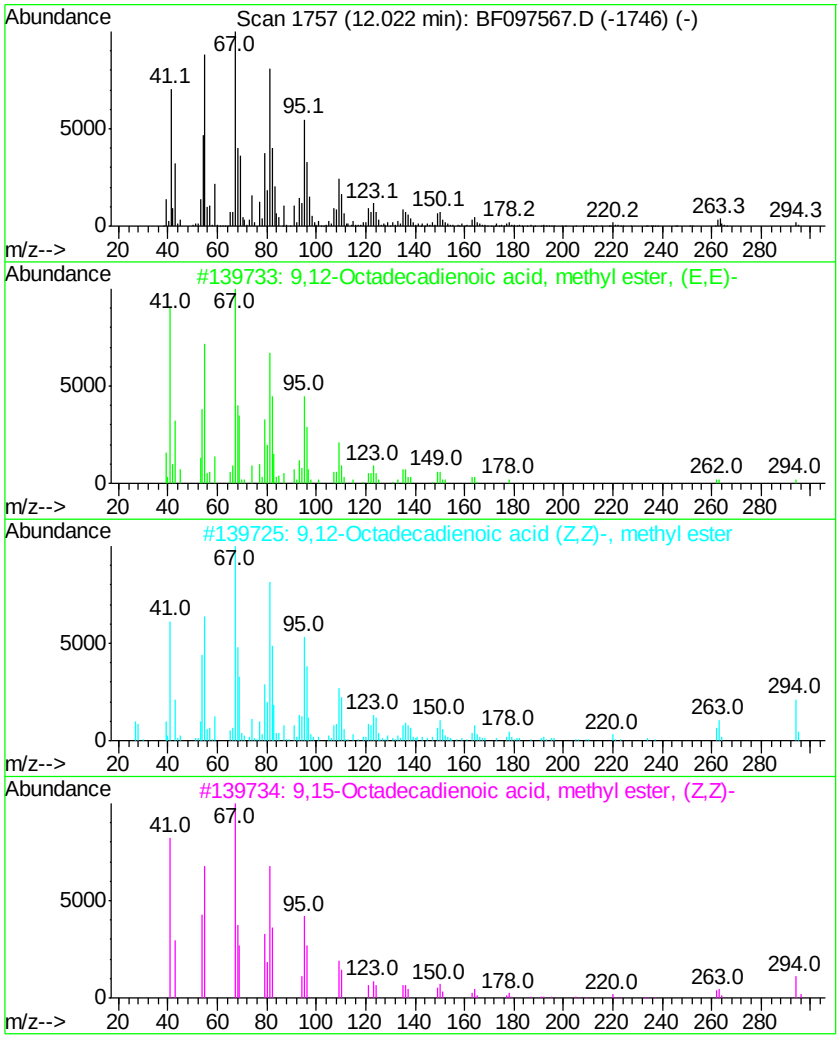
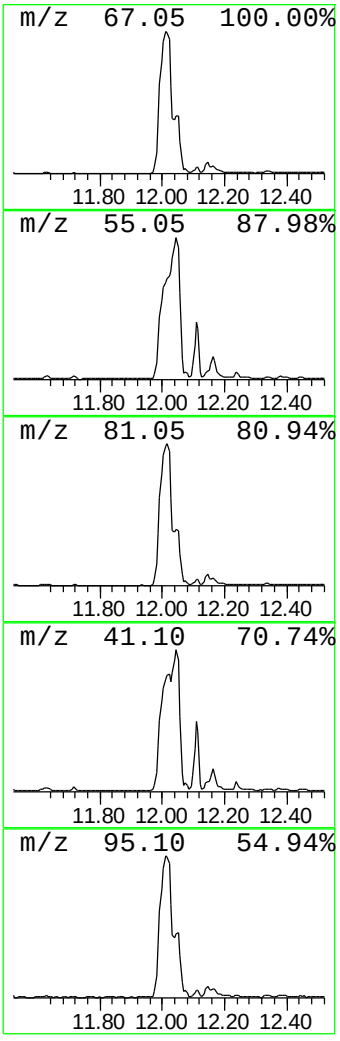
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	254.44 ng	11400300	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Instrument : BNA_F
ClientSampleId : TR-04-080917

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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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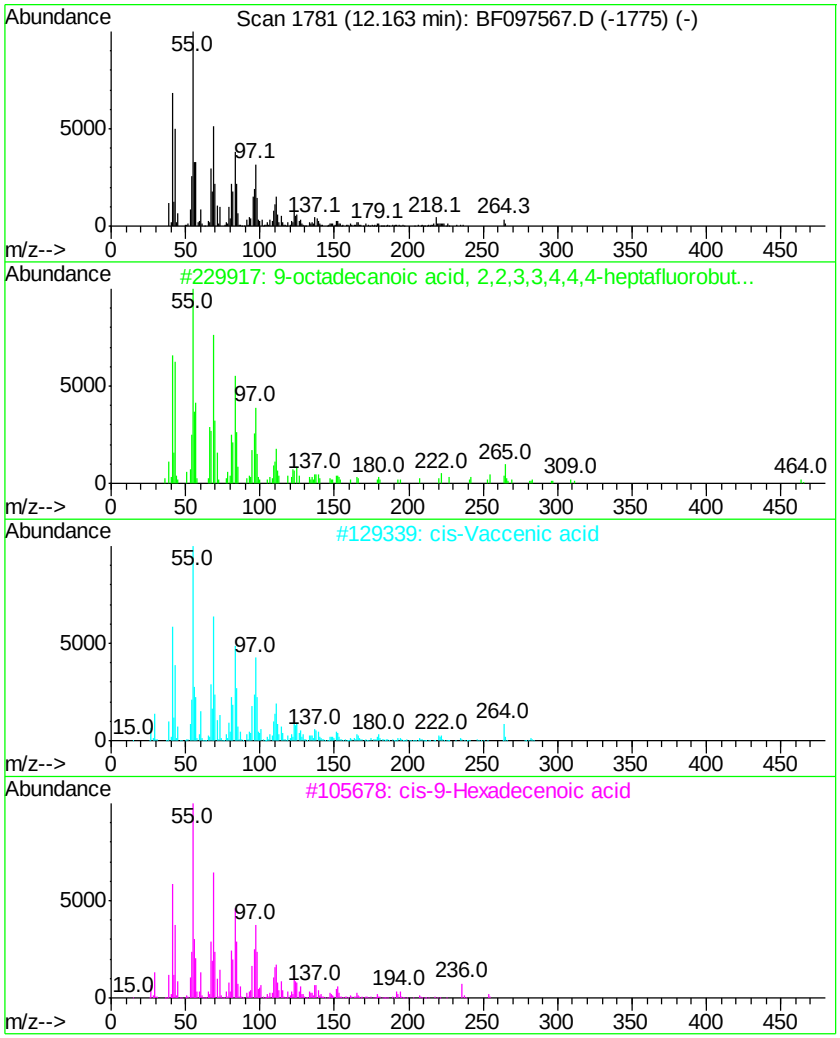
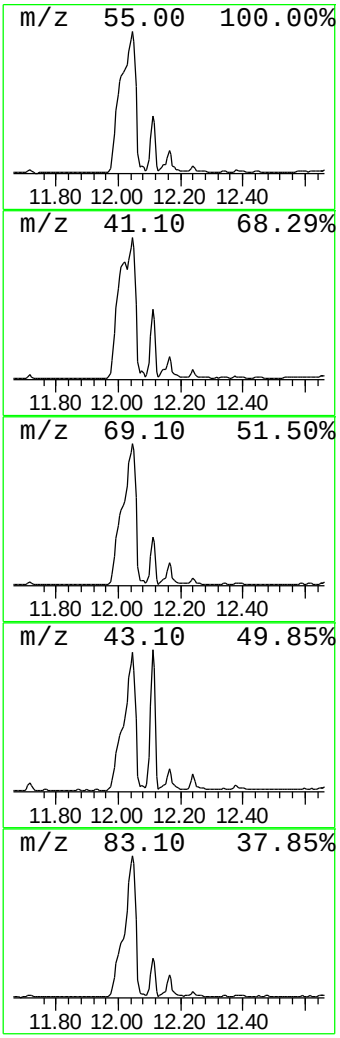
Peak Number 13 9-octadecanoic acid, 2,2,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	24.75 ng	1109070	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	91
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
3	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
4	9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	90
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	90





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Instrument : BNA_F
ClientSampleId : TR-04-080917

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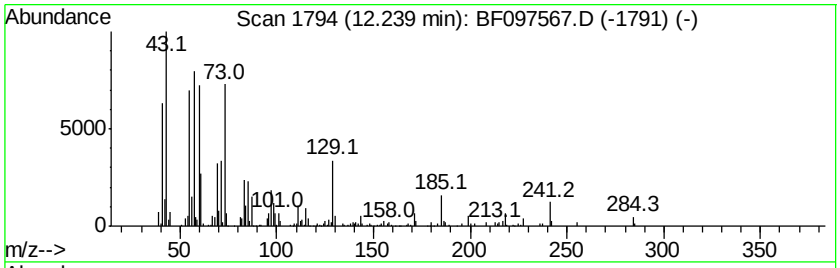
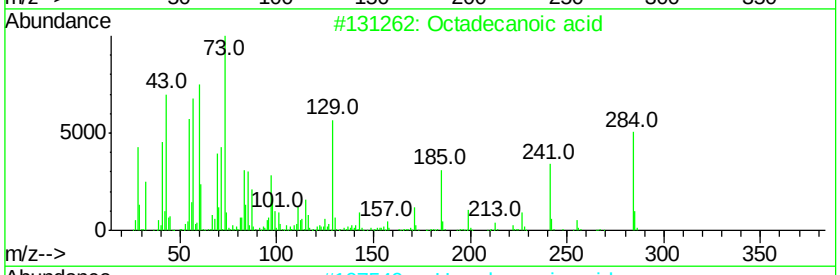
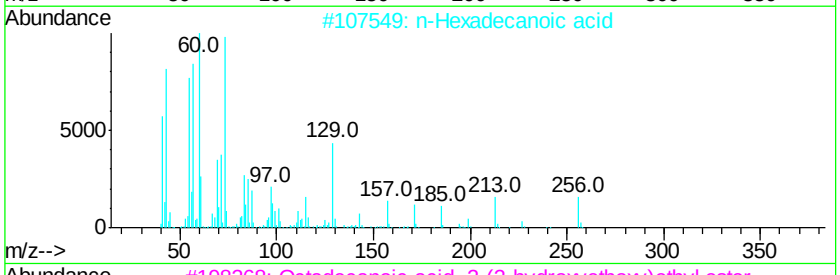
Peak Number 14 Octadecanoic acid Concentration Rank 15

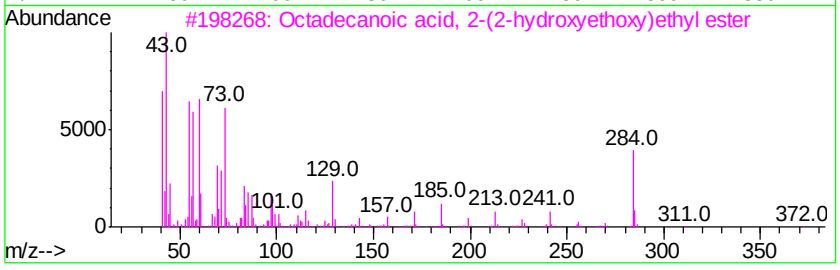
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	6.01 ng	375553	Chrysene-d12	13.52

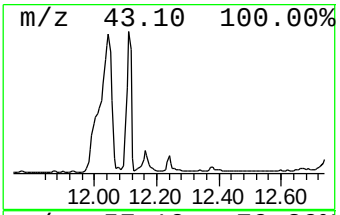
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62

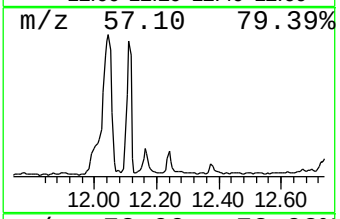


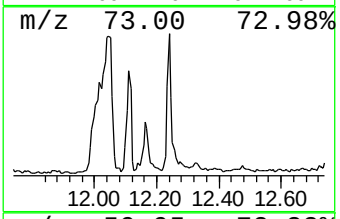


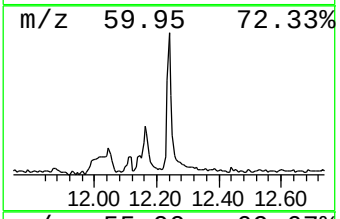


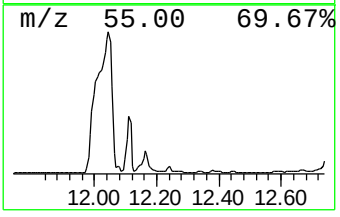












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Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

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

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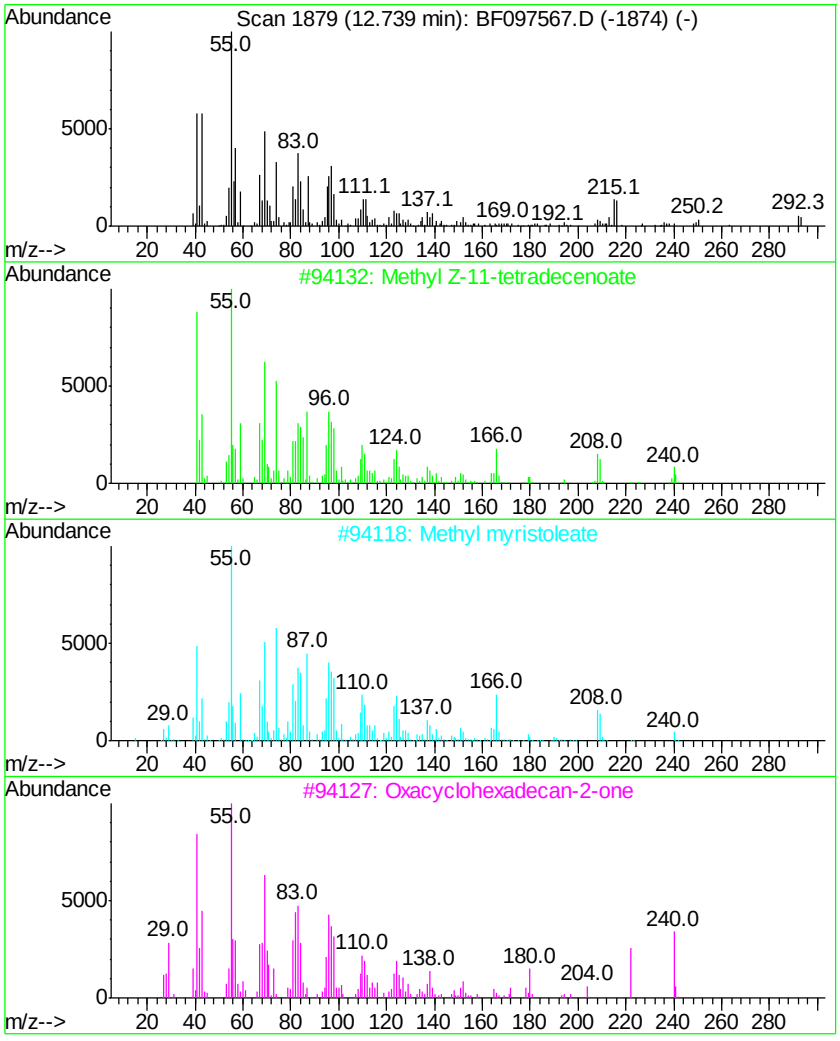
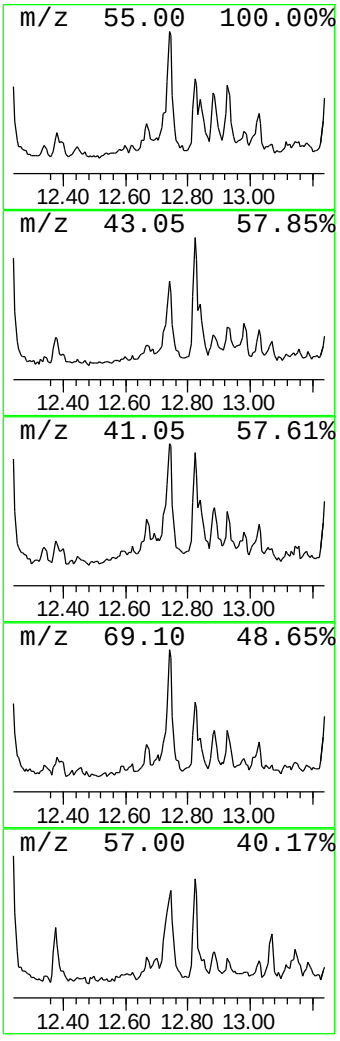
Peak Number 15 Methyl Z-11-tetradecenoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	12.85 ng	803478	Chrysene-d12	13.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Z-11-tetradecenoate	240	C15H28O2	1000130-82-8	78
2	Methyl myristoleate	240	C15H28O2	056219-06-8	64
3	Oxacyclohexadecan-2-one	240	C15H28O2	000106-02-5	60
4	Methyl 9-heptadecenoate or 9-17:1	282	C18H34O2	1000336-38-0	53
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	53





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TIC Integration Parameters: LSCINT.P

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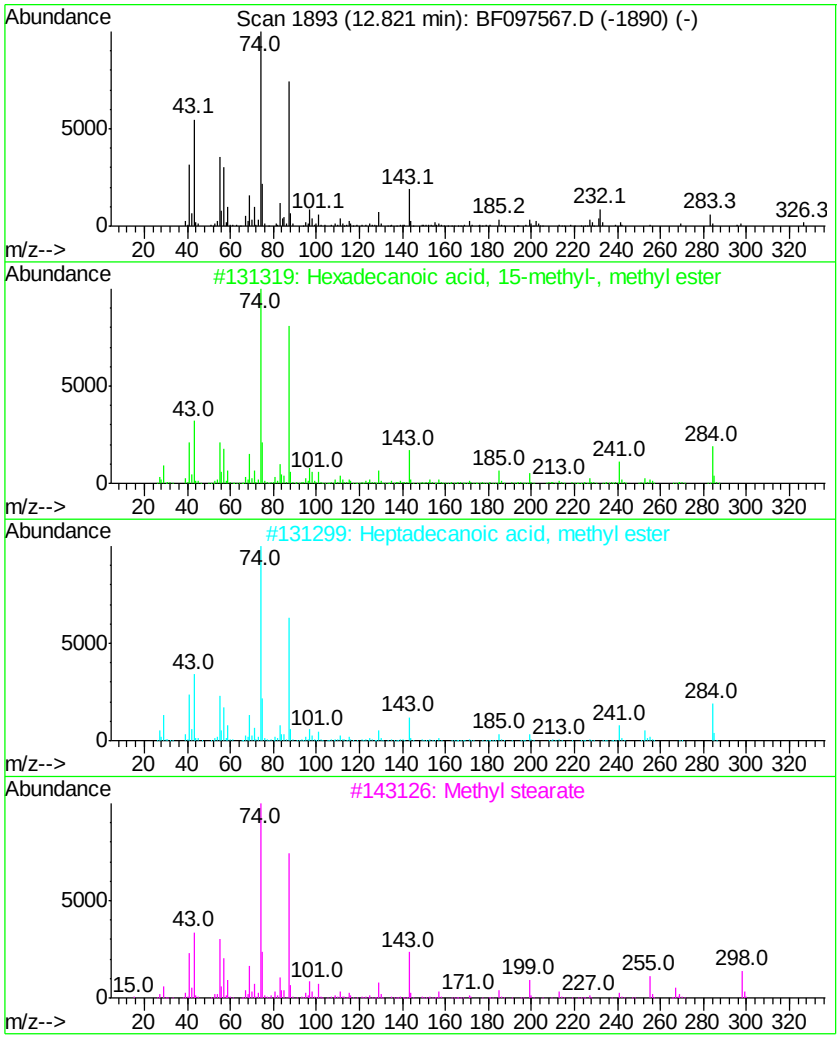
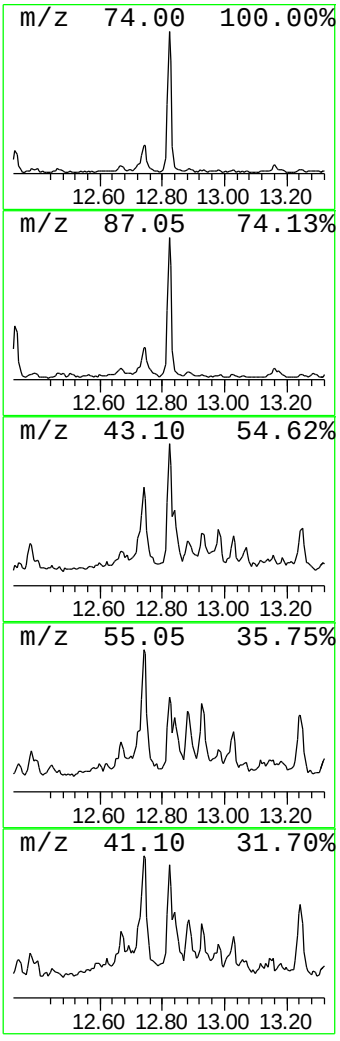
Peak Number 16 Hexadecanoic acid, 15-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	5.69 ng	355697	Chrysene-d12	13.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3	Methyl stearate	298	C19H38O2	000112-61-8	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87





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ALS Vial : 9 Sample Multiplier: 1

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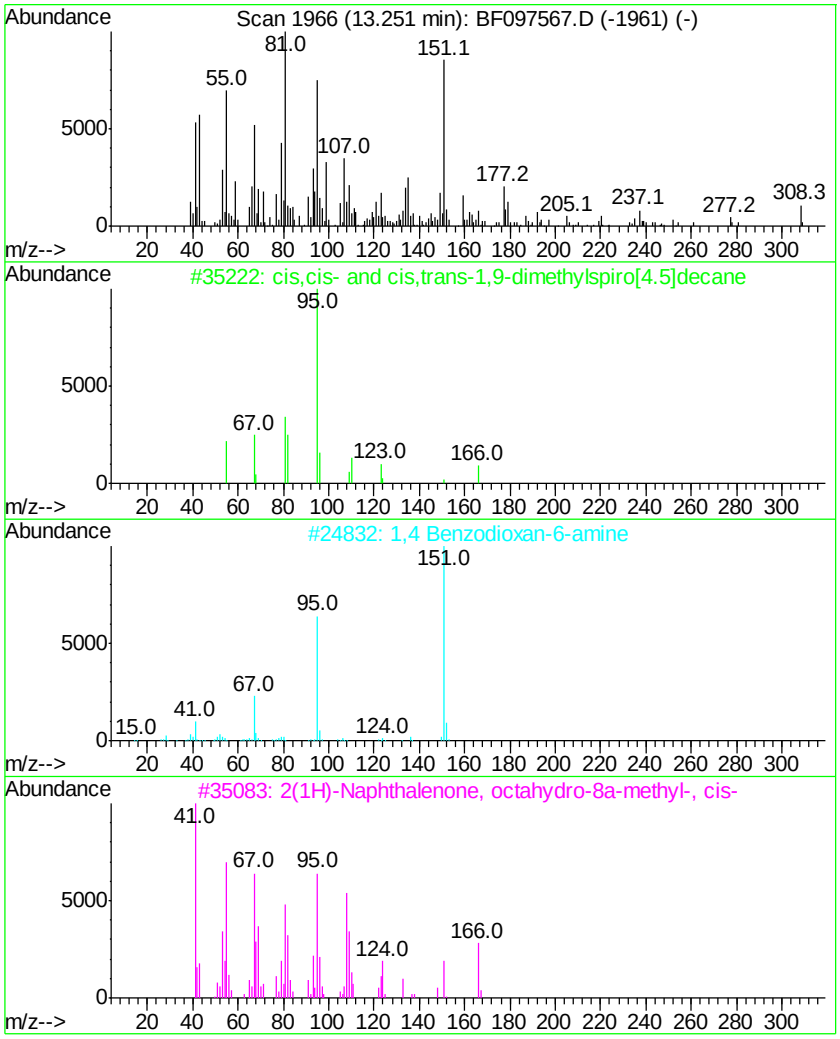
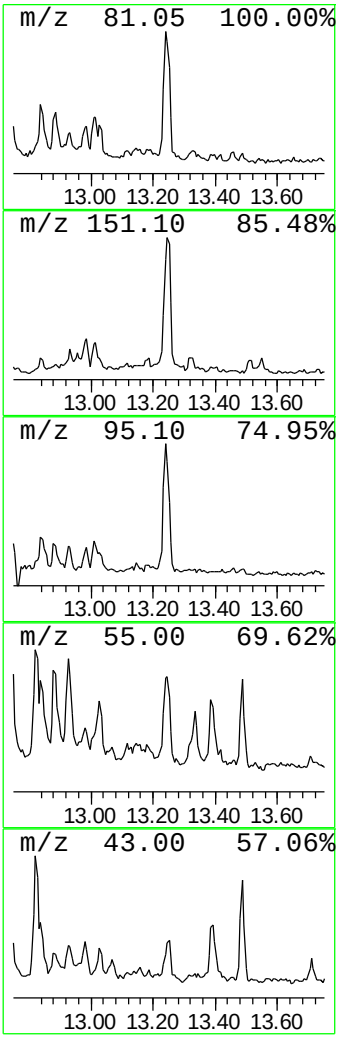
Peak Number 17 unknown13.25 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	5.64 ng	352645	Chrysene-d12	13.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	41
2	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	38
3	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	002530-17-8	30
4	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	27
5	Cyclopropanecarboxylic acid, 3-e...	154	C9H14O2	041977-59-7	27





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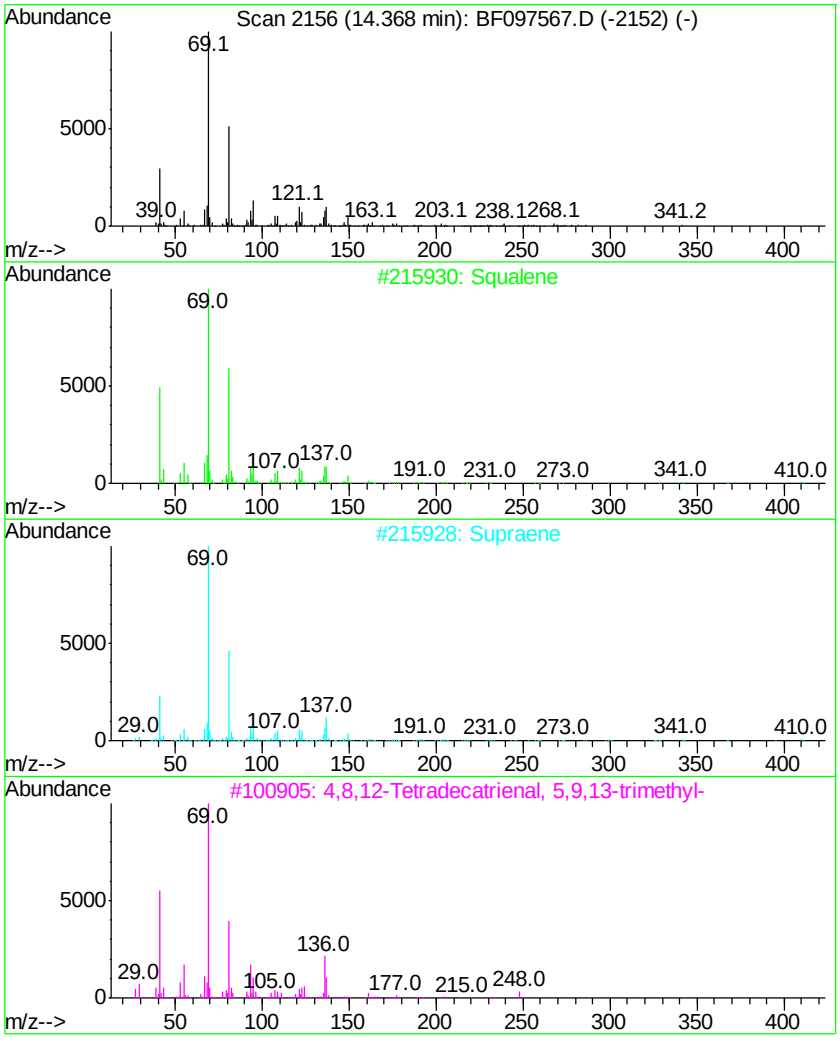
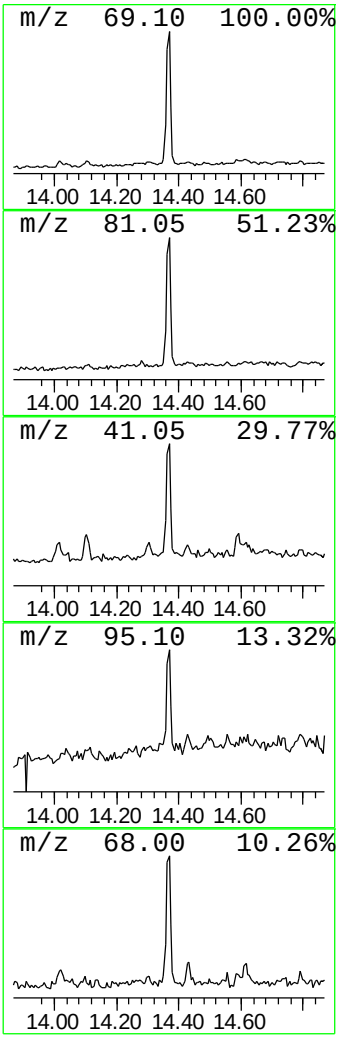
Peak Number 18 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	8.53 ng	231335	Perylene-d12	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4	2,6,10-Dodecatrienoic acid, 3,7,...	250	C16H26O2	003675-00-1	64
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097567.D
Acq On : 10 Aug 2017 19:31
Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

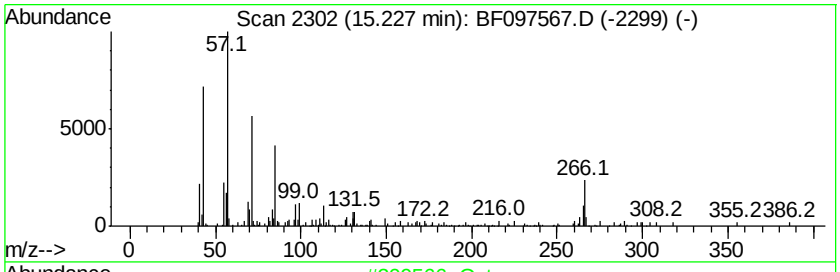
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

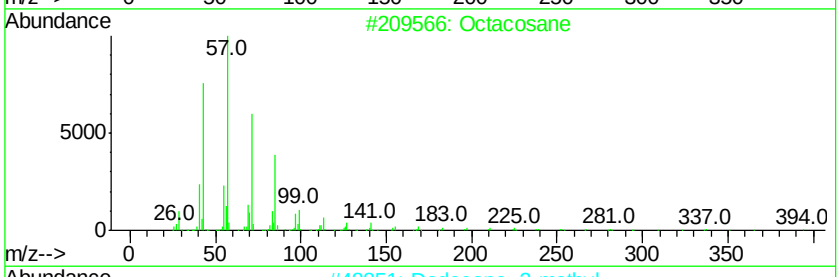
****

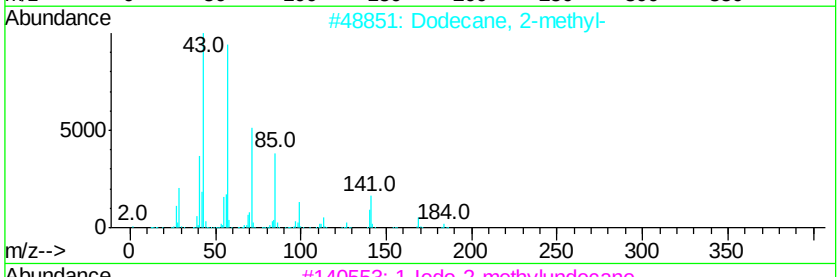
Peak Number 20 Octacosane Concentration Rank 17

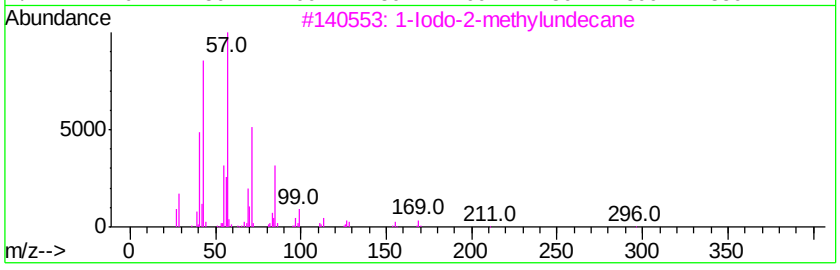
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	5.69 ng	154337	Perylene-d12	14.86

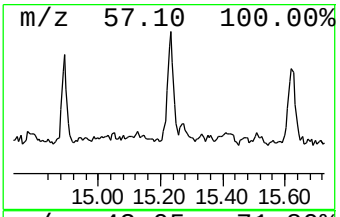
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	74
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	68
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	68
4	Nonadecane	268	C19H40	000629-92-5	64
5	2-methyloctacosane	408	C29H60	1000376-72-8	64

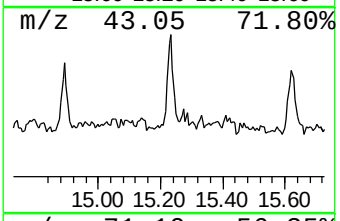


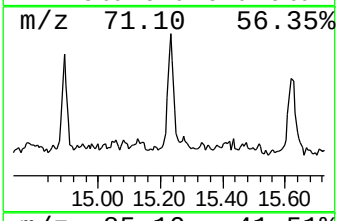


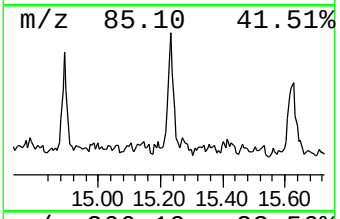


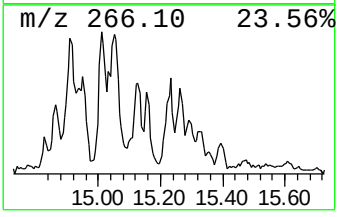












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081017\
Data File : BF097567.D
Acq On : 10 Aug 2017 19:31
Operator : SJ/JU
Sample : I4695-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
2-Pentanone, 4-hy...	4.52	7.5	ng	268892	1	6.39	713746	20.0
unknown6.17	6.17	68.9	ng	2457950	1	6.39	713746	20.0
Tridecane	10.34	5.5	ng	247795	4	10.89	896095	20.0
Methyl tetradecan...	10.45	6.6	ng	293910	4	10.89	896095	20.0
9-Hexadecenoic ac...	11.23	11.4	ng	510683	4	10.89	896095	20.0
Hexadecanoic acid...	11.33	132.1	ng	5918610	4	10.89	896095	20.0
Phenanthrene, 2-m...	11.39	6.2	ng	275437	4	10.89	896095	20.0
5H-Dibenzo[a,d]cy...	11.42	5.8	ng	257952	4	10.89	896095	20.0
Tridecanoic acid	11.47	20.2	ng	906492	4	10.89	896095	20.0
4H-Cyclopenta[def...	11.50	9.1	ng	405297	4	10.89	896095	20.0
9,12-Octadecadien...	12.02	254.4	ng	11400300	4	10.89	896095	20.0
9-octadecanoic ac...	12.16	24.8	ng	1109070	4	10.89	896095	20.0
Octadecanoic acid	12.24	6.0	ng	375553	5	13.52	1250270	20.0
Methyl Z-11-tetra...	12.74	12.9	ng	803478	5	13.52	1250270	20.0
Hexadecanoic acid...	12.82	5.7	ng	355697	5	13.52	1250270	20.0
unknown13.25	13.25	5.6	ng	352645	5	13.52	1250270	20.0
Squalene	14.37	8.5	ng	231335	6	14.86	542261	20.0
Octacosane	15.23	5.7	ng	154337	6	14.86	542261	20.0