LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099877.D
Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	493	496	511	rBV	173788	264952	13.07%	1.361%
2	5.416	563	566	591	rBV	1460015	1549972	76.44%	7.962%
3	6.439	736	740	758	rBV	1580472	1606444	79.22%	8.252%
4	6.569	758	762	767	rVV	1845664	1649909	81.37%	8.475%
5	6.792	797	800	807	rBV	609021	510020	25.15%	2.620%
6	6.945	823	826	835	rVB	1284497	1246344	61.46%	6.402%
7	7.239	872	876	885	rBV	17059	24856	1.23%	0.128%
8	7.363	893	897	904	rBV	1110573	980119	48.34%	5.035%
9	7.604	933	938	941	rBV	33319	36936	1.82%	0.190%
10	7.639	941	944	953	rBV	123613	154034	7.60%	0.791%
11	8.075	1015	1018	1021	rBV	830439	719491	35.48%	3.696%
12	8.792	1137	1140	1142	rBV	28893	24481	1.21%	0.126%
13	9.086	1188	1190	1193	rBV	33420	30501	1.50%	0.157%
14	9.157	1196	1202	1205	rBV	2167478	2027750	100.00%	10.416%
15	9.263	1217	1220	1222	rBV3	23467	22000	1.08%	0.113%
16	9.422	1243	1247	1251	rBV4	20647	27428	1.35%	0.141%
17	9.492	1255	1259	1262	rVV3	27531	39437	1.94%	0.203%
18	9.551	1266	1269	1276	rVB2	112181	112218	5.53%	0.576%
19	9.839	1312	1318	1321	rBV	816211	807575	39.83%	4.148%
20	9.869	1321	1323	1326	rVB	37134	33652	1.66%	0.173%
21	9.986	1339	1343	1346	rBV4	17006	20898	1.03%	0.107%
22	10.045	1349	1353	1355	rVV2	48453	63449	3.13%	0.326%
23	10.086	1357	1360	1363	rVB2	55705	56987	2.81%	0.293%
24	10.151	1368	1371	1374	rBV3	23599	27551	1.36%	0.142%
25	10.257	1382	1389	1392	rBV5	41989	75111	3.70%	0.386%
26	10.316	1396	1399	1403	rVV4	19921	30407	1.50%	0.156%
27	10.386	1407	1411	1416	rVB2	67570	81751	4.03%	0.420%
28	10.474	1421	1426	1429	rBV2	61427	84411	4.16%	0.434%
29	10.551	1437	1439	1442	rVB2	31325	27686	1.37%	0.142%
30	10.633	1449	1453	1460	rBV	1149854	1053742	51.97%	5.413%
31	10.739	1467	1471	1480	rBV	135218	167774	8.27%	0.862%
32	11.092	1529	1531	1535	rBV5	26955	30679	1.51%	0.158%
33	11.210	1548	1551	1553	rBV	105910	88125	4.35%	0.453%
34	11.333	1568	1572	1574	rBV	840868	767434	37.85%	3.942%

LSC Area Percent Report

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Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.357	1574	1576	1579	rVB	309997	247937	12.23%	1.274%
36	11.410	1583	1585	1587	rBV	41321	37808	1.86%	0.194%
37	11.857	1659	1661	1664	rBV3	156727	150681	7.43%	0.774%
38	12.392	1750	1752	1753	rBV	83259	71712	3.54%	0.368%
39	12.451	1760	1762	1764	rVB	86342	63702	3.14%	0.327%
40	12.557	1777	1780	1782	rBV	354903	311761	15.37%	1.601%
41	12.580	1782	1784	1788	rVB	330155	300599	14.82%	1.544%
42	12.639	1792	1794	1800	rVB	250717	273778	13.50%	1.406%
43	12.786	1816	1819	1825	rVB2	341882	395115	19.49%	2.030%
44	12.886	1834	1836	1838	rBV2	122922	114313	5.64%	0.587%
45	12.921	1838	1842	1845	rVB	1530838	1354649	66.81%	6.958%
46	13.057	1862	1865	1869	rBV	558529	462730	22.82%	2.377%
47	13.133	1876	1878	1881	rVB	119542	99837	4.92%	0.513%
48	13.992	2020	2024	2026	rBV2	466824	531011	26.19%	2.728%
49	15.039	2199	2202	2204	rBV	135854	173142	8.54%	0.889%
50	15.468	2271	2275	2279	rVB	358245	434788	21.44%	2.233%

Sum of corrected areas: 19467687

LSC Report - Integrated Chromatogram

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Data File : BF099877.D
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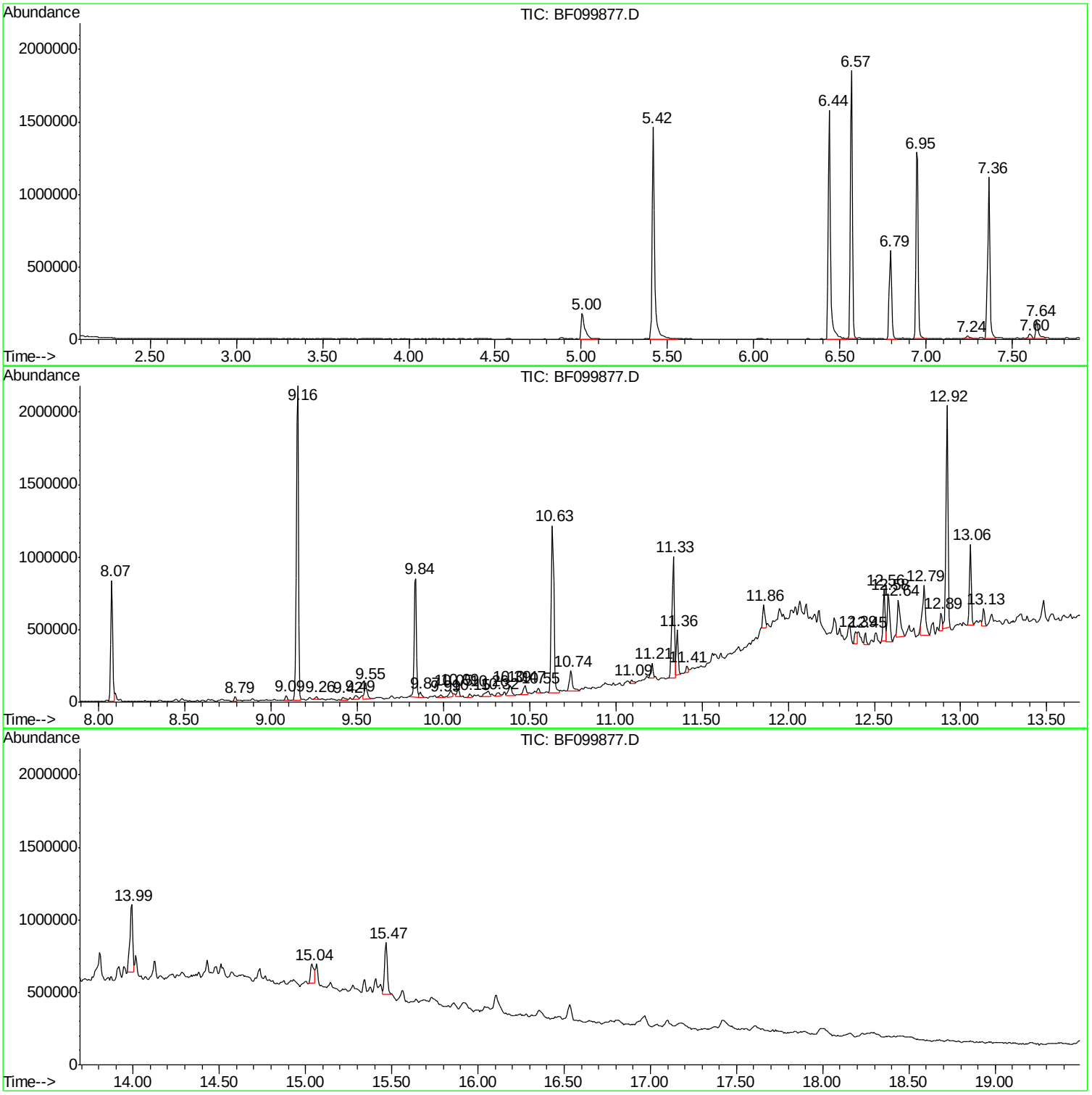
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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\BF102717\
Data File : BF099877.D
Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

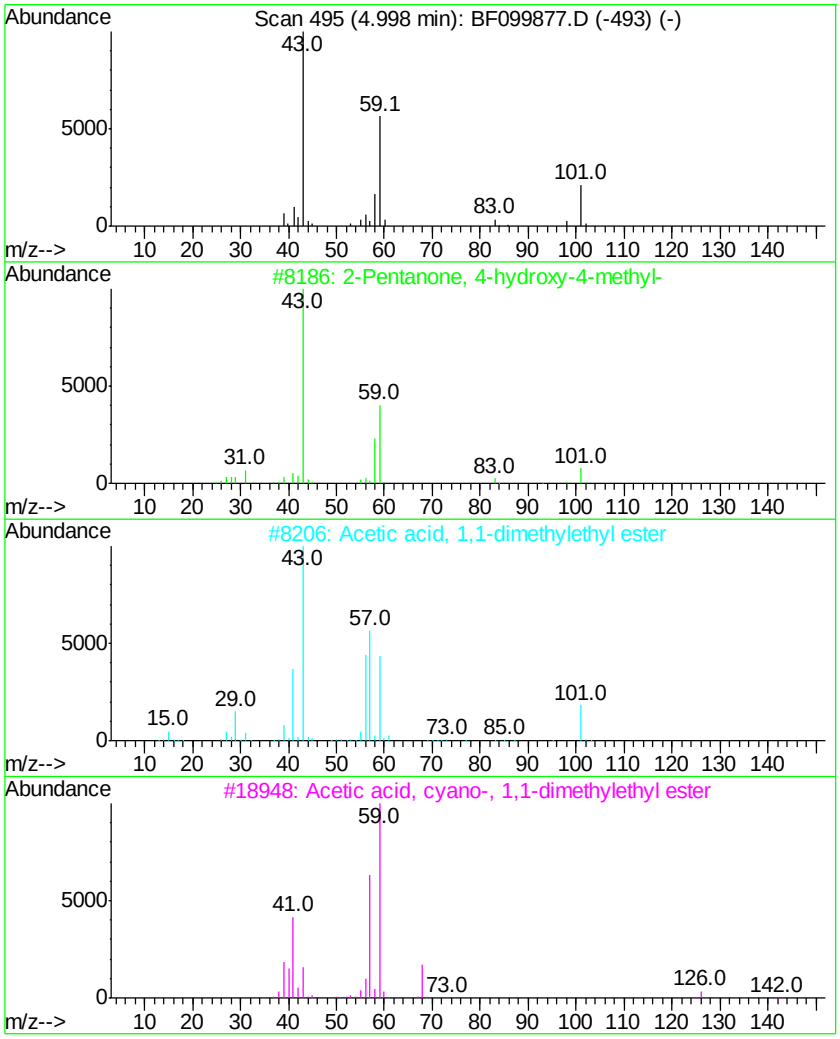
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

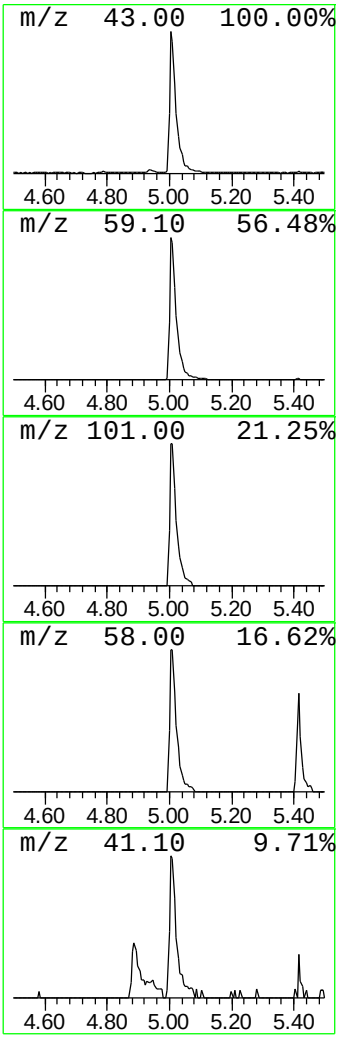
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	10.39 ng	264952	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099877.D
Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

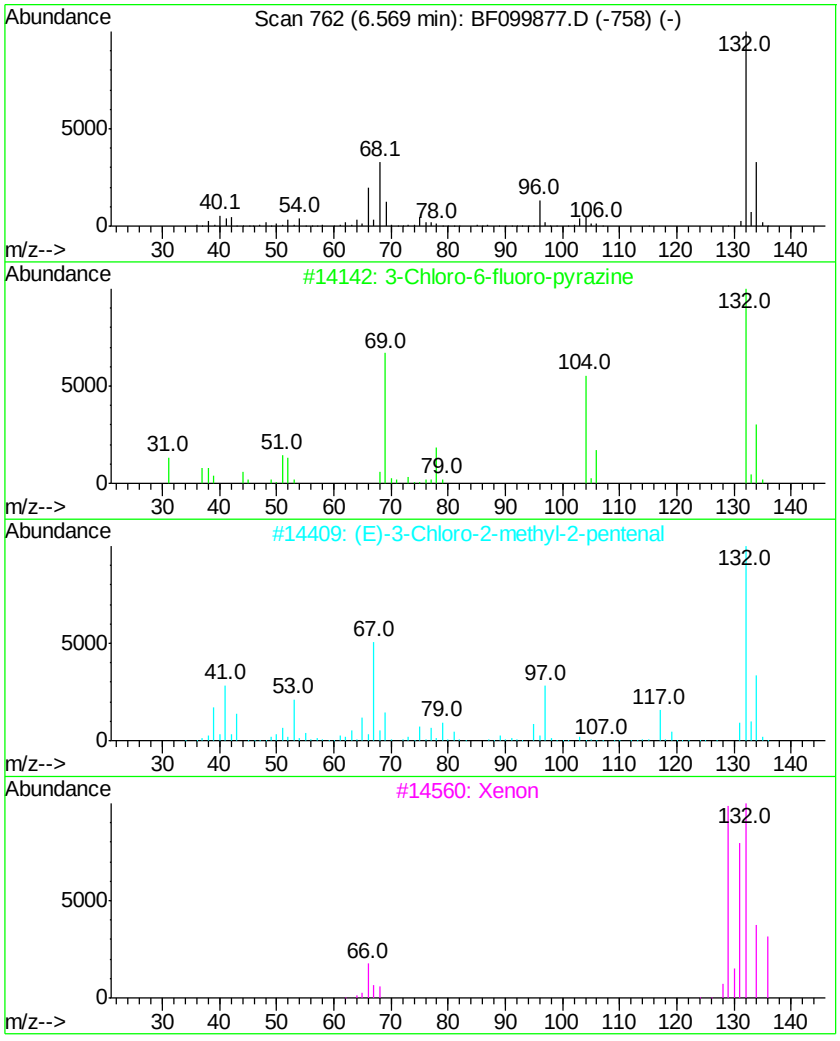
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

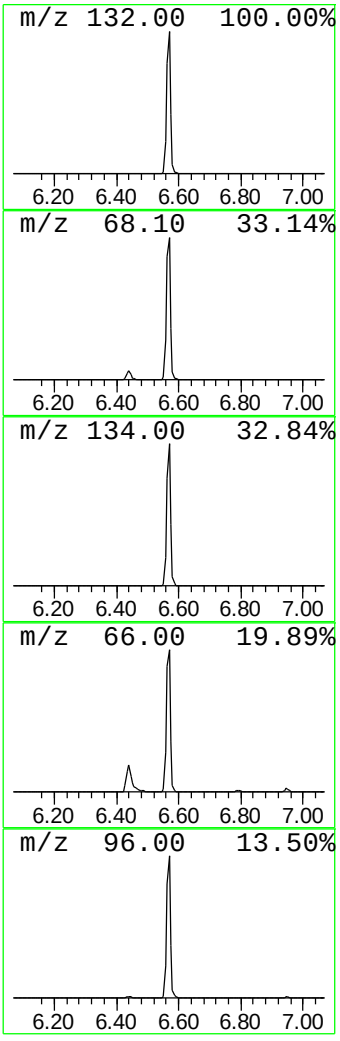
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	64.70 ng	1649910	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Xenon	132	Xe	007440-63-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099877.D
Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

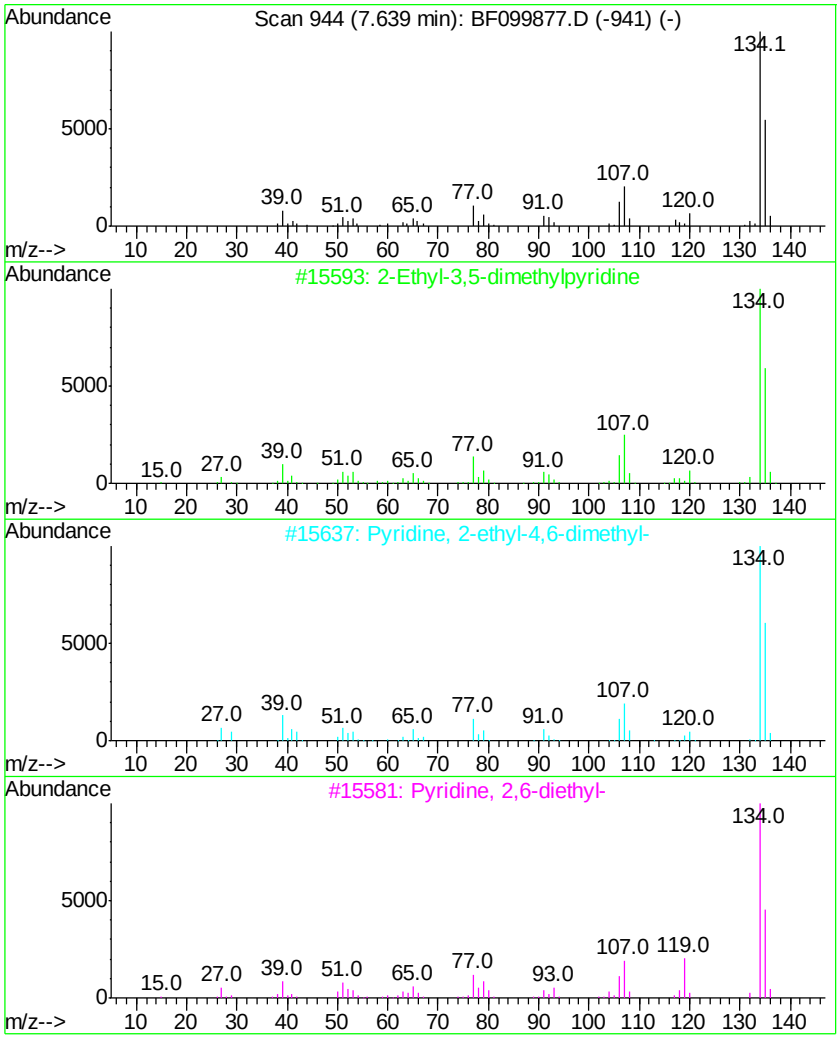
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

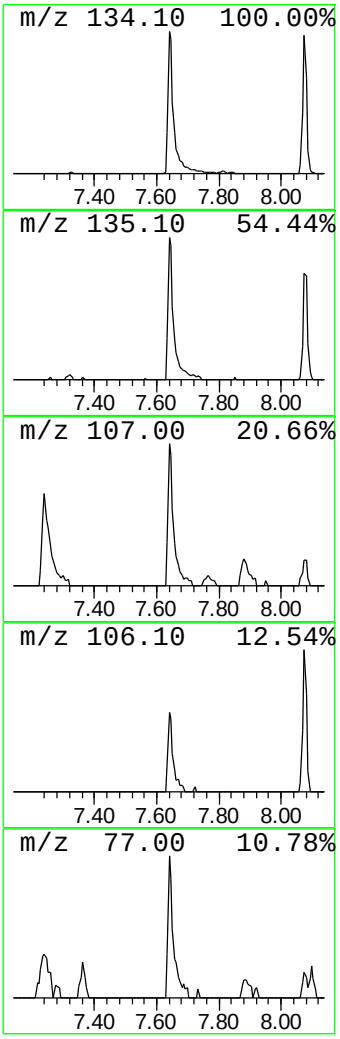
****

Peak Number 4 2-Ethyl-3,5-dimethylpyridine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	4.28 ng	154034	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-3,5-dimethylpyridine	135	C9H13N	001123-96-2	96
2	Pyridine, 2-ethyl-4,6-dimethyl-	135	C9H13N	001124-35-2	94
3	Pyridine, 2,6-diethyl-	135	C9H13N	000935-28-4	90
4	Benzenamine, N,N,3-trimethyl-	135	C9H13N	000121-72-2	72
5	Benzenamine, N,N,4-trimethyl-	135	C9H13N	000099-97-8	59





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Data File : BF099877.D
Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

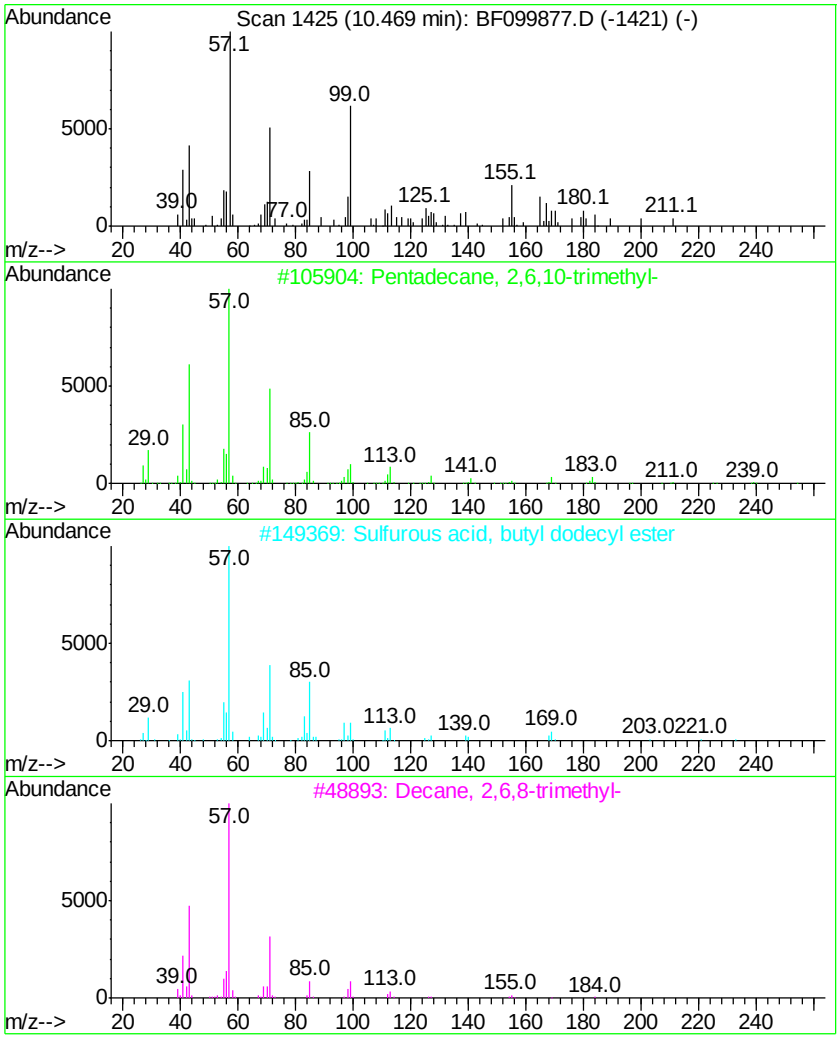
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

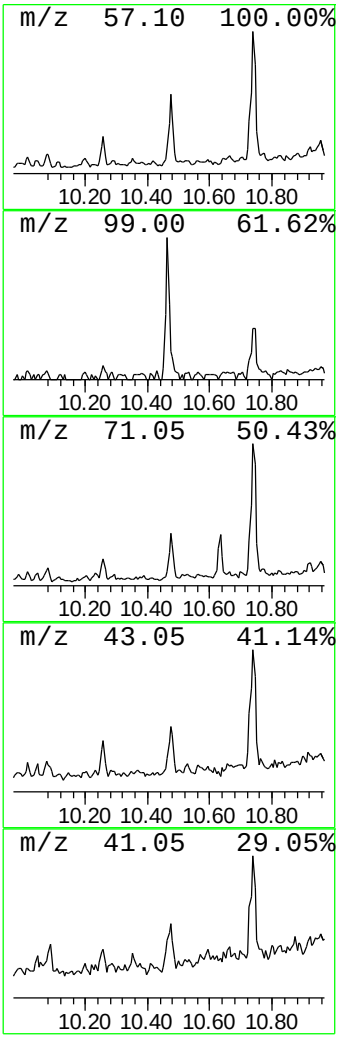
****

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	2.09 ng	84411	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
4	Heptadecane	240	C17H36	000629-78-7	64
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099877.D
Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

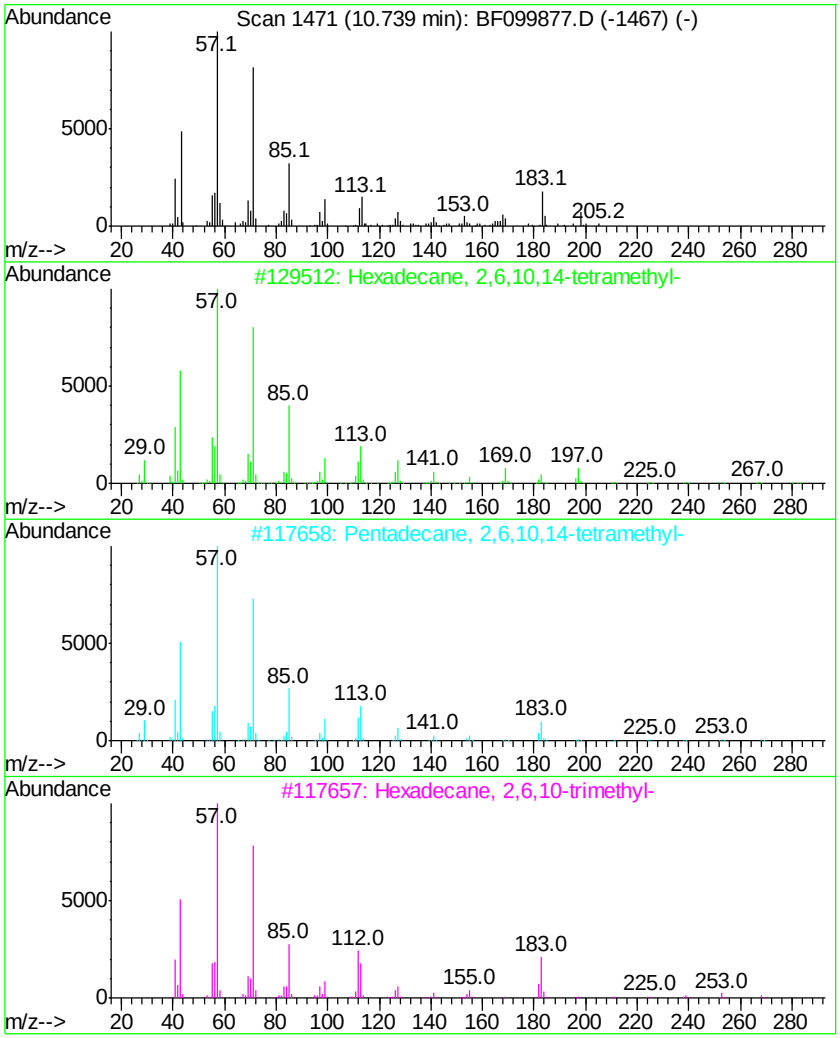
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

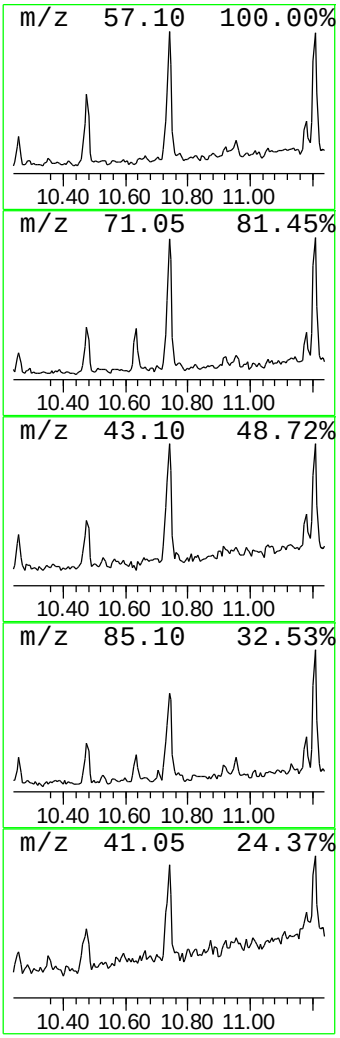
****

Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	4.37 ng	167774	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
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Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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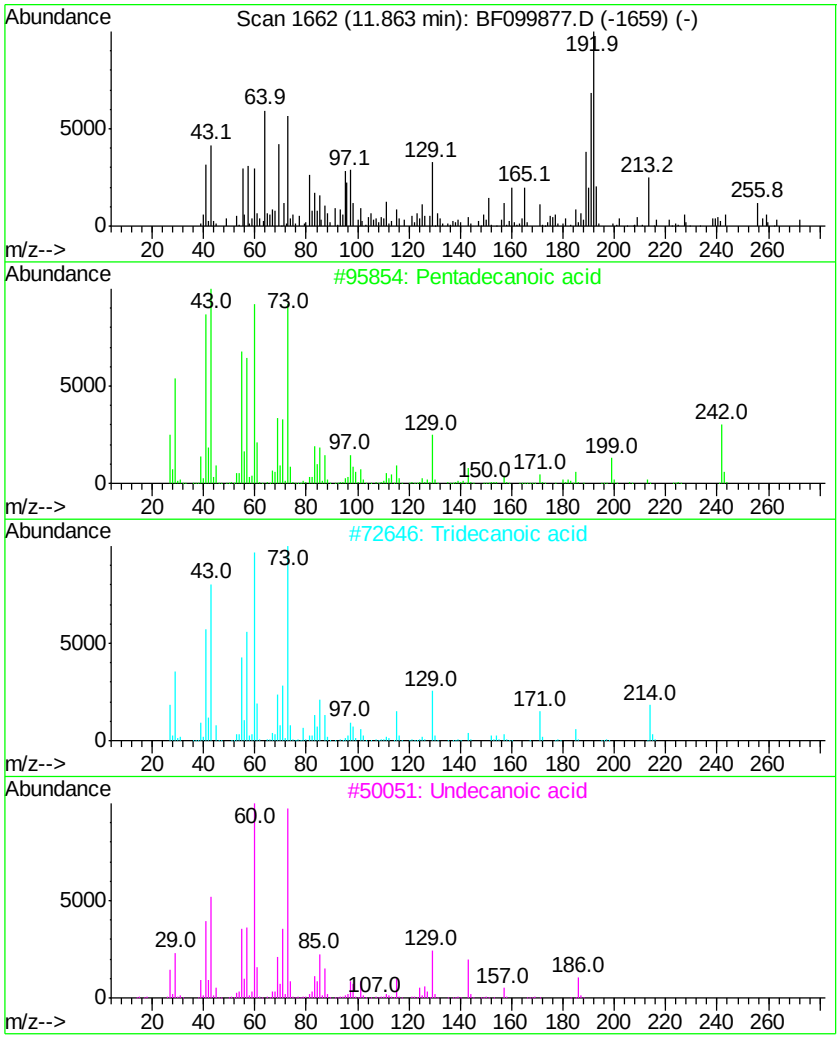
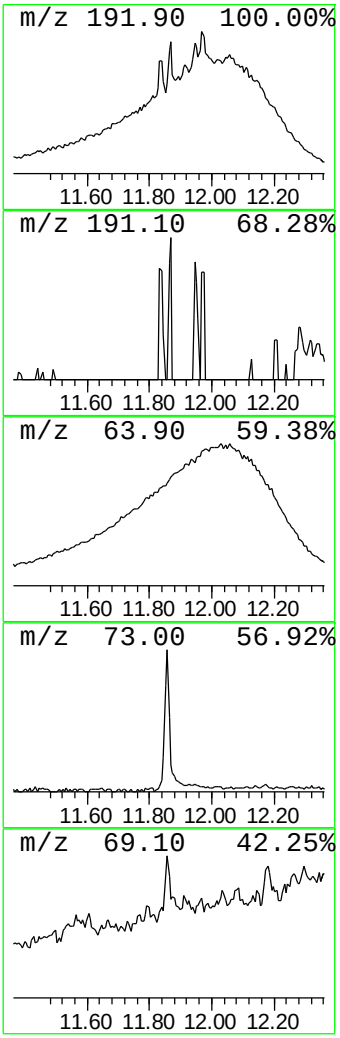
Peak Number 9 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.93 ng	150681	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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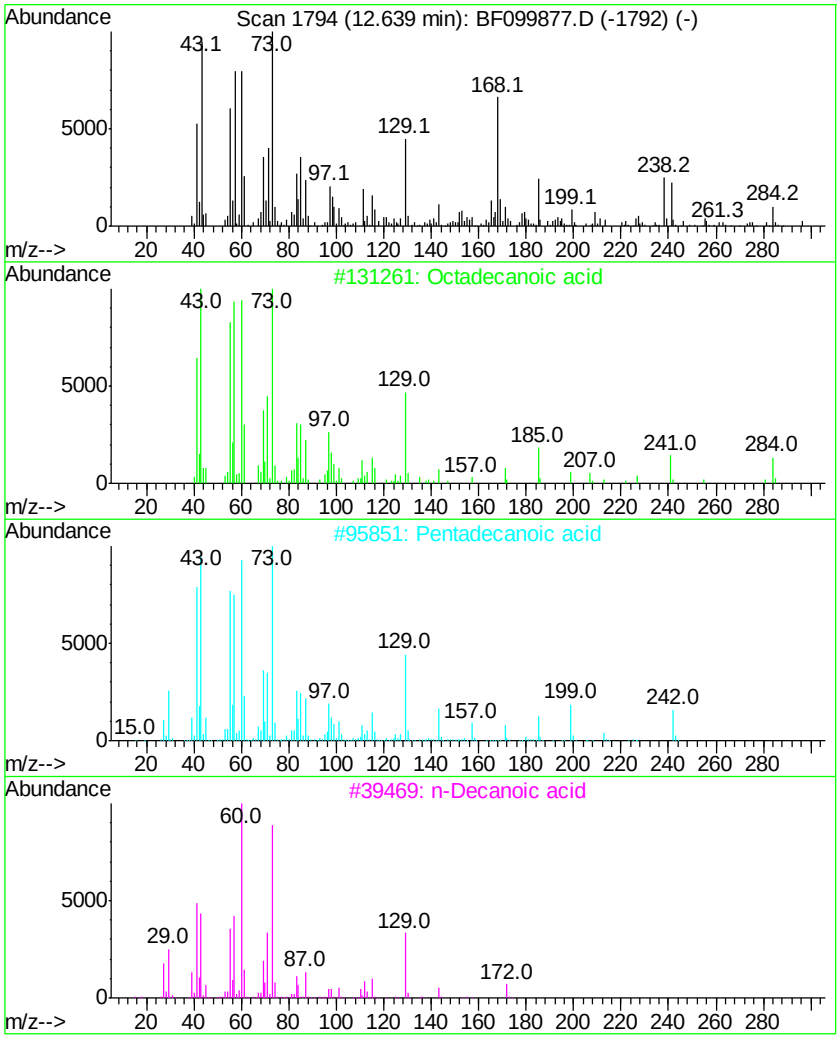
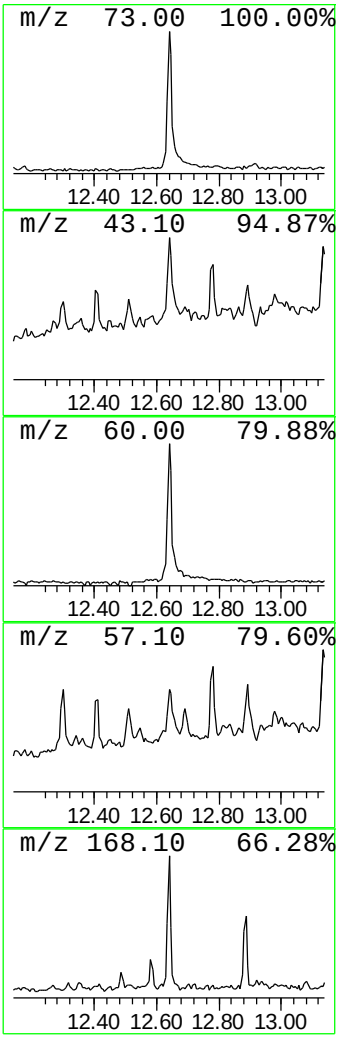
Peak Number 10 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	7.13 ng	273778	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099877.D
Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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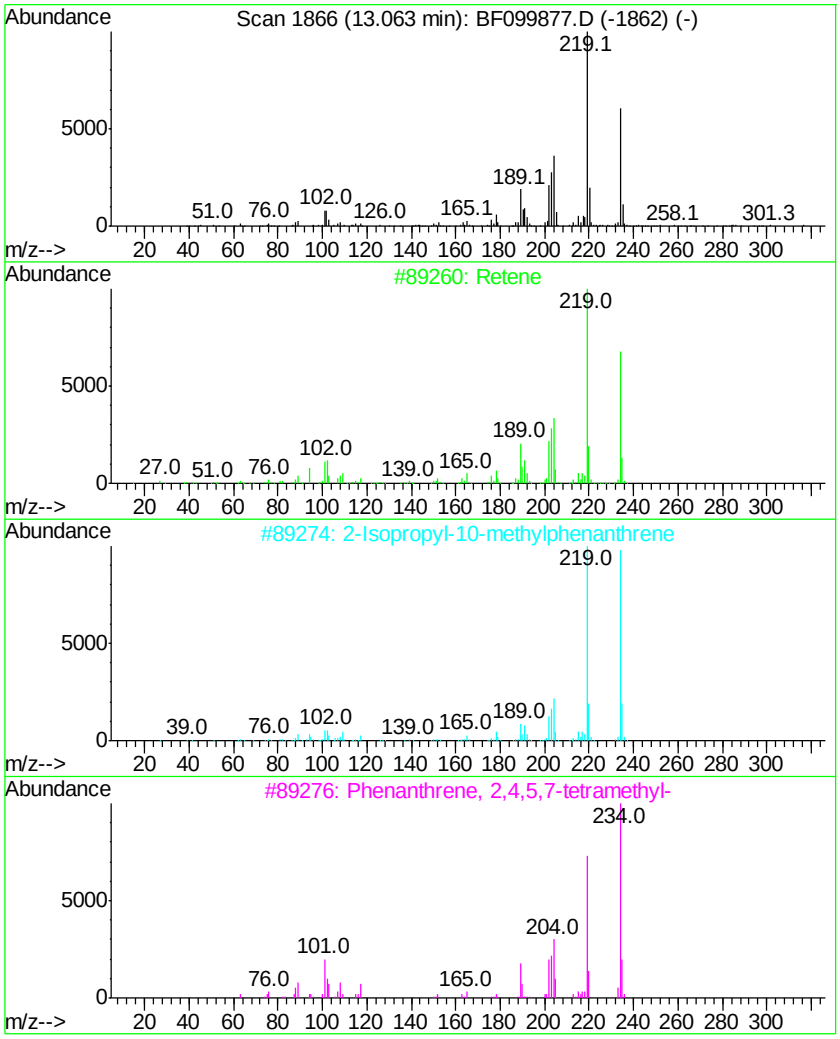
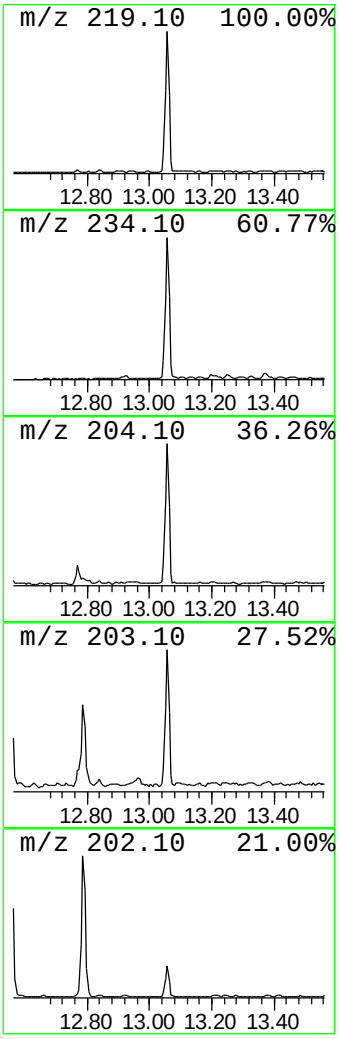
Peak Number 11 Retene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	17.43 ng	462730	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	64
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099877.D
Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

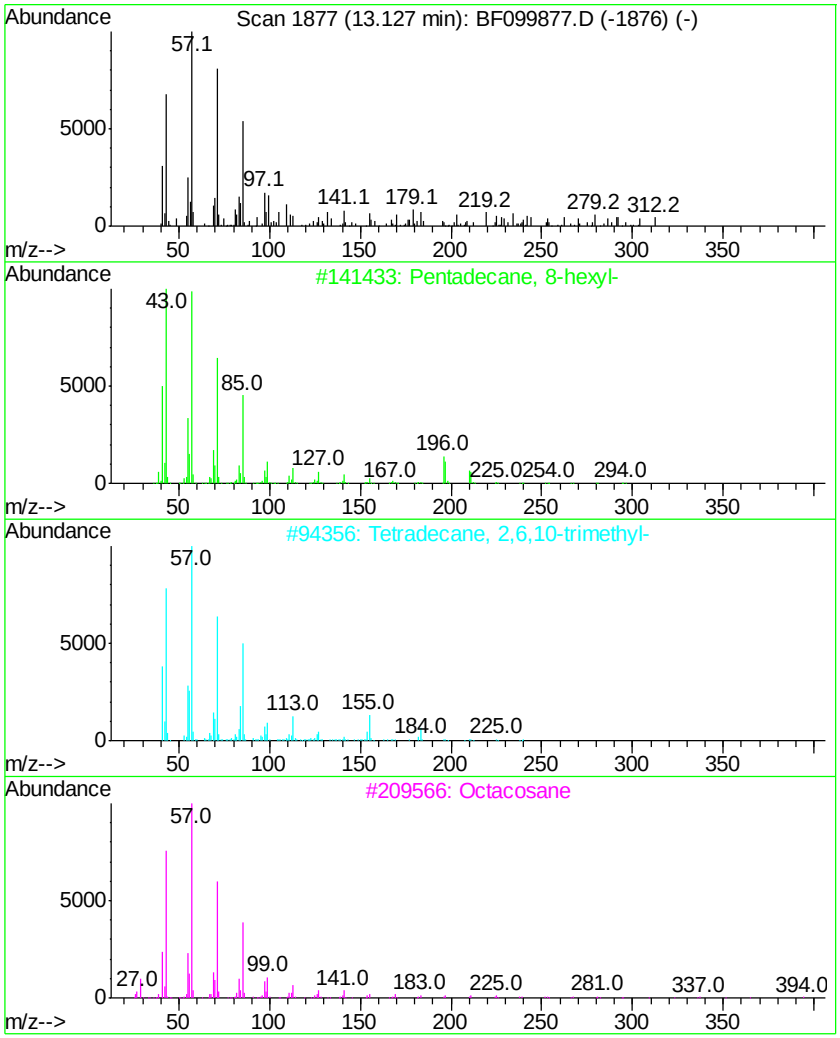
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

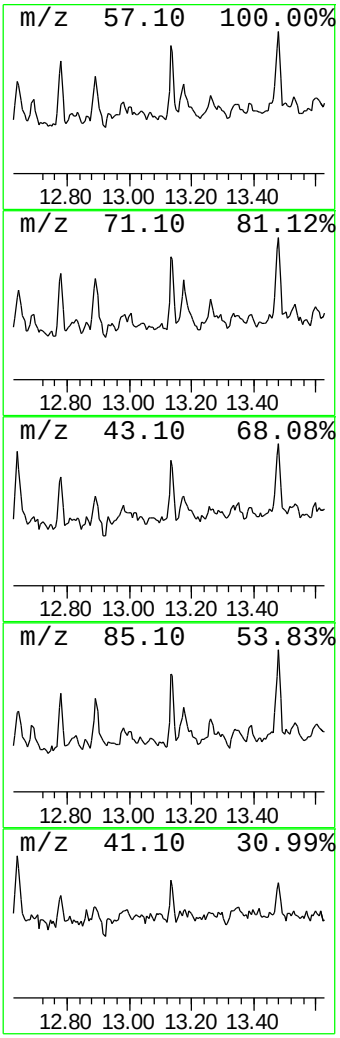
****

Peak Number 12 Pentadecane, 8-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.76 ng	99837	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099877.D
Acq On : 27 Oct 2017 15:12
Operator : SJ/JU
Sample : I6109-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S13-SP1-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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...	5.00	10.4	ng	264952	1	6.79	510020	20.0
unknown6.57	6.57	64.7	ng	1649910	1	6.79	510020	20.0
2-Ethyl-3,5-dimet...	7.64	4.3	ng	154034	2	8.07	719491	20.0
Pentadecane, 2,6,...	10.47	2.1	ng	84411	3	9.83	807575	20.0
Hexadecane, 2,6,1...	10.74	4.4	ng	167774	4	11.33	767434	20.0
Pentadecanoic acid	11.86	3.9	ng	150681	4	11.33	767434	20.0
Octadecanoic acid	12.64	7.1	ng	273778	4	11.33	767434	20.0
Retene	13.06	17.4	ng	462730	5	13.99	531011	20.0
Pentadecane, 8-he...	13.13	3.8	ng	99837	5	13.99	531011	20.0