LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096363.D
Acq On : 1 Jul 2017 3:48
Operator : SJ/MA
Sample : I3930-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-8.5-11

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-BF062717.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	2.828	118	126	132	rVB3	19700	45240	1.47%	0.149%
2	3.769	280	286	291	rBV	42800	68979	2.24%	0.228%
3	4.393	385	392	397	rBV4	20923	35558	1.15%	0.117%
4	4.951	483	487	496	rVB	409321	519674	16.86%	1.714%
5	5.346	550	554	555	rBV	63797	72288	2.34%	0.238%
6	5.375	555	559	562	rVB	3282806	3082661	100.00%	10.169%
7	5.604	595	598	603	rBV2	68619	63817	2.07%	0.211%
8	5.681	606	611	613	rBV	25858	31807	1.03%	0.105%
9	5.928	649	653	657	rVB3	36475	41159	1.34%	0.136%
10	6.022	665	669	675	rVB2	33069	39480	1.28%	0.130%
11	6.216	697	702	707	rBV2	20369	41034	1.33%	0.135%
12	6.298	712	716	718	rBV2	27076	34307	1.11%	0.113%
13	6.393	727	732	735	rBV	2949791	3020138	97.97%	9.962%
14	6.528	751	755	758	rBV	3150061	2904982	94.24%	9.582%
15	6.593	763	766	767	rBV	56695	50636	1.64%	0.167%
16	6.757	791	794	797	rBV	1098850	901407	29.24%	2.973%
17	6.822	803	805	810	rBV3	54996	58945	1.91%	0.194%
18	6.916	817	821	824	rBV	2494597	2134943	69.26%	7.042%
19	7.087	846	850	853	rBV3	32634	43663	1.42%	0.144%
20	7.163	858	863	865	rBV2	40693	42284	1.37%	0.139%
21	7.316	881	889	892	rBV	1983049	1803246	58.50%	5.948%
22	7.369	895	898	901	rVV	69688	59756	1.94%	0.197%
23	7.410	901	905	909	rVB4	54668	62642	2.03%	0.207%
24	8.039	1008	1012	1015	rBV	1433829	1221307	39.62%	4.029%
25	8.063	1015	1016	1018	rVB	154409	71783	2.33%	0.237%
26	8.481	1083	1087	1090	rBV	60557	57842	1.88%	0.191%
27	8.645	1112	1115	1118	rBV	72343	56808	1.84%	0.187%
28	8.751	1130	1133	1138	rVB	174162	146207	4.74%	0.482%
29	8.851	1147	1150	1154	rVB	129327	102026	3.31%	0.337%
30	9.075	1185	1188	1191	rVB	38515	31955	1.04%	0.105%
31	9.116	1191	1195	1198	rBV	2767089	2334958	75.74%	7.702%
32	9.210	1208	1211	1215	rBV2	108478	96250	3.12%	0.317%
33	9.375	1236	1239	1245	rVB	53082	66720	2.16%	0.220%
34	9.451	1249	1252	1255	rBV	76970	70640	2.29%	0.233%

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Instrument : BNA_F
ClientSampleId : B3-8.5-11

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.481	1255	1257	1259	rBV	67354	47935	1.55%	0.158%
36	9.510	1259	1262	1264	rBV	432384	339333	11.01%	1.119%
37	9.651	1281	1286	1289	rBV	51649	46651	1.51%	0.154%
38	9.739	1298	1301	1305	rVB	129124	98320	3.19%	0.324%
39	9.792	1305	1310	1314	rBV2	1132783	1030106	33.42%	3.398%
40	9.822	1314	1315	1320	rVB3	36012	33932	1.10%	0.112%
41	9.998	1342	1345	1348	rVB	100194	87947	2.85%	0.290%
42	10.075	1353	1358	1360	rVV3	38112	57544	1.87%	0.190%
43	10.110	1360	1364	1367	rVB4	26175	37561	1.22%	0.124%
44	10.204	1376	1380	1383	rBV3	47601	65683	2.13%	0.217%
45	10.239	1383	1386	1389	rVB	114832	101848	3.30%	0.336%
46	10.333	1400	1402	1404	rBV2	64439	47879	1.55%	0.158%
47	10.457	1419	1423	1425	rBV	52096	54011	1.75%	0.178%
48	10.498	1427	1430	1435	rVV3	32628	41645	1.35%	0.137%
49	10.575	1439	1443	1447	rVV	1501245	1430842	46.42%	4.720%
50	10.622	1447	1451	1454	rVB4	22065	31374	1.02%	0.103%
51	10.710	1462	1466	1467	rBV	150259	136802	4.44%	0.451%
52	11.075	1526	1528	1533	rVB3	42477	41652	1.35%	0.137%
53	11.128	1533	1537	1539	rBV2	31618	46127	1.50%	0.152%
54	11.157	1539	1542	1545	rVV2	100574	109041	3.54%	0.360%
55	11.186	1545	1547	1552	rVB2	40599	38718	1.26%	0.128%
56	11.275	1558	1562	1564	rBV	976267	888446	28.82%	2.931%
57	11.292	1564	1565	1568	rVV	275062	213978	6.94%	0.706%
58	11.345	1568	1574	1577	rVB	85697	89058	2.89%	0.294%
59	11.386	1577	1581	1583	rBV4	25701	31407	1.02%	0.104%
60	11.580	1611	1614	1616	rBV	65855	56115	1.82%	0.185%
61	11.775	1644	1647	1649	rBV	59103	46094	1.50%	0.152%
62	11.804	1649	1652	1656	rVV2	262111	274037	8.89%	0.904%
63	11.845	1656	1659	1662	rVB3	36512	42030	1.36%	0.139%
64	11.880	1662	1665	1667	rBV	99912	97683	3.17%	0.322%
65	11.904	1667	1669	1672	rVB	59144	56576	1.84%	0.187%
66	11.986	1680	1683	1685	rVB	52988	39526	1.28%	0.130%
67	12.069	1694	1697	1699	rBV2	51285	52199	1.69%	0.172%
68	12.086	1699	1700	1707	rVB5	47302	36018	1.17%	0.119%
69	12.322	1737	1740	1743	rBV2	75054	78509	2.55%	0.259%
70	12.374	1747	1749	1752	rVV2	84239	81714	2.65%	0.270%
71	12.404	1752	1754	1759	rVB4	42161	60921	1.98%	0.201%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : B3-8.5-11

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.480	1764	1767	1771	rBV	324438	270021	8.76%	0.891%
73	12.592	1784	1786	1790	rBV4	53577	60186	1.95%	0.199%
74	12.674	1797	1800	1803	rBV2	137727	164238	5.33%	0.542%
75	12.710	1803	1806	1809	rVB	244886	225617	7.32%	0.744%
76	12.857	1827	1831	1834	rBV	2009484	1835386	59.54%	6.054%
77	12.886	1834	1836	1839	rVB	94129	81124	2.63%	0.268%
78	13.098	1870	1872	1876	rBV	61892	62146	2.02%	0.205%
79	13.339	1910	1913	1919	rVB	310106	283401	9.19%	0.935%
80	13.404	1921	1924	1928	rBV	210181	195564	6.34%	0.645%
81	13.445	1928	1931	1933	rBV2	60470	68563	2.22%	0.226%
82	13.757	1981	1984	1993	rVB2	169378	201970	6.55%	0.666%
83	13.904	2005	2009	2012	rBV	846680	862837	27.99%	2.846%
84	13.927	2012	2013	2015	rVB	106219	57820	1.88%	0.191%
85	15.327	2247	2251	2255	rBV	391367	462461	15.00%	1.525%

Sum of corrected areas: 30315738

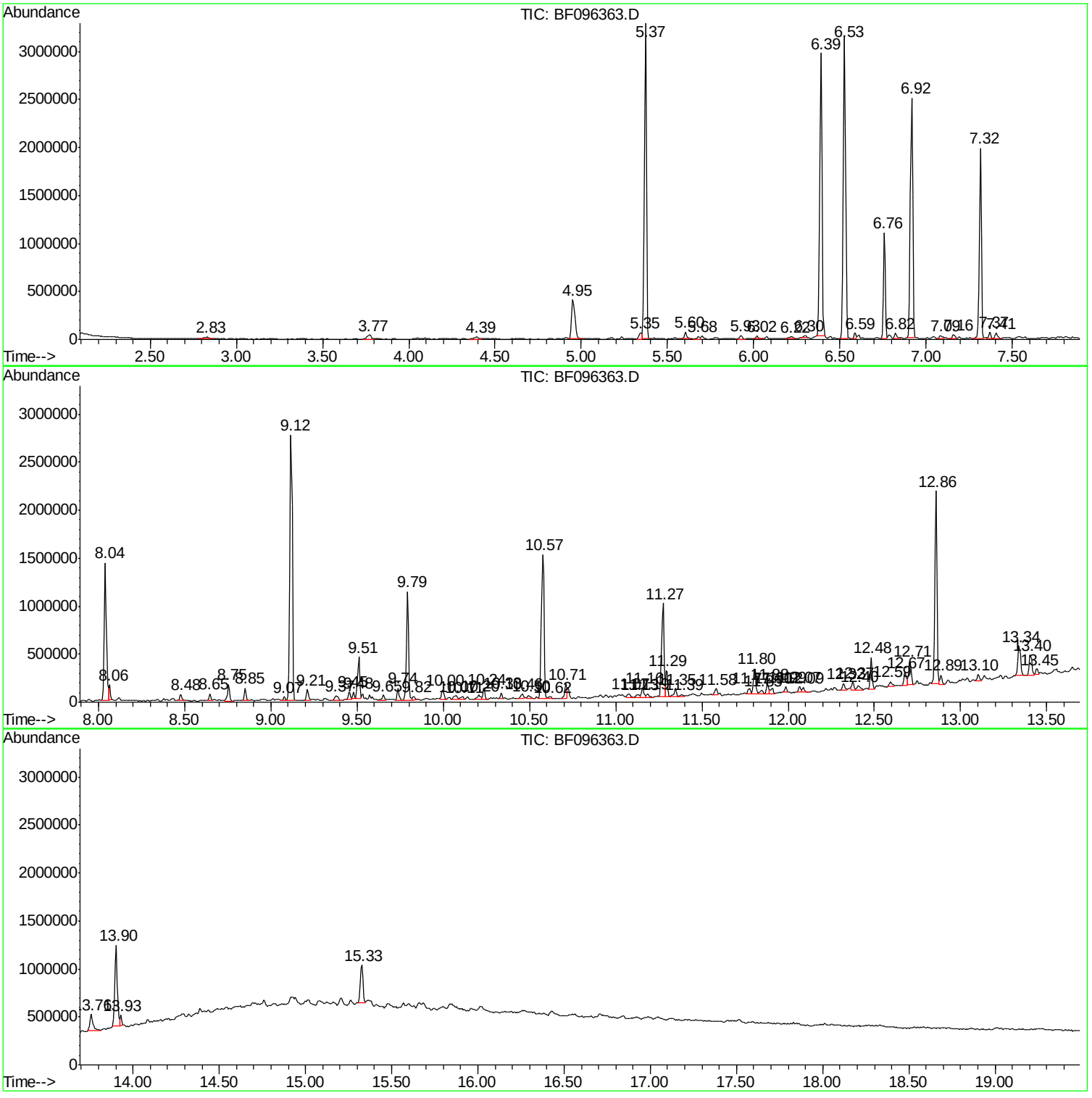
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096363.D
Acq On : 1 Jul 2017 3:48
Operator : SJ/MA
Sample : I3930-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-8.5-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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\BF063017\
Data File : BF096363.D
Acq On : 1 Jul 2017 3:48
Operator : SJ/MA
Sample : I3930-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-8.5-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

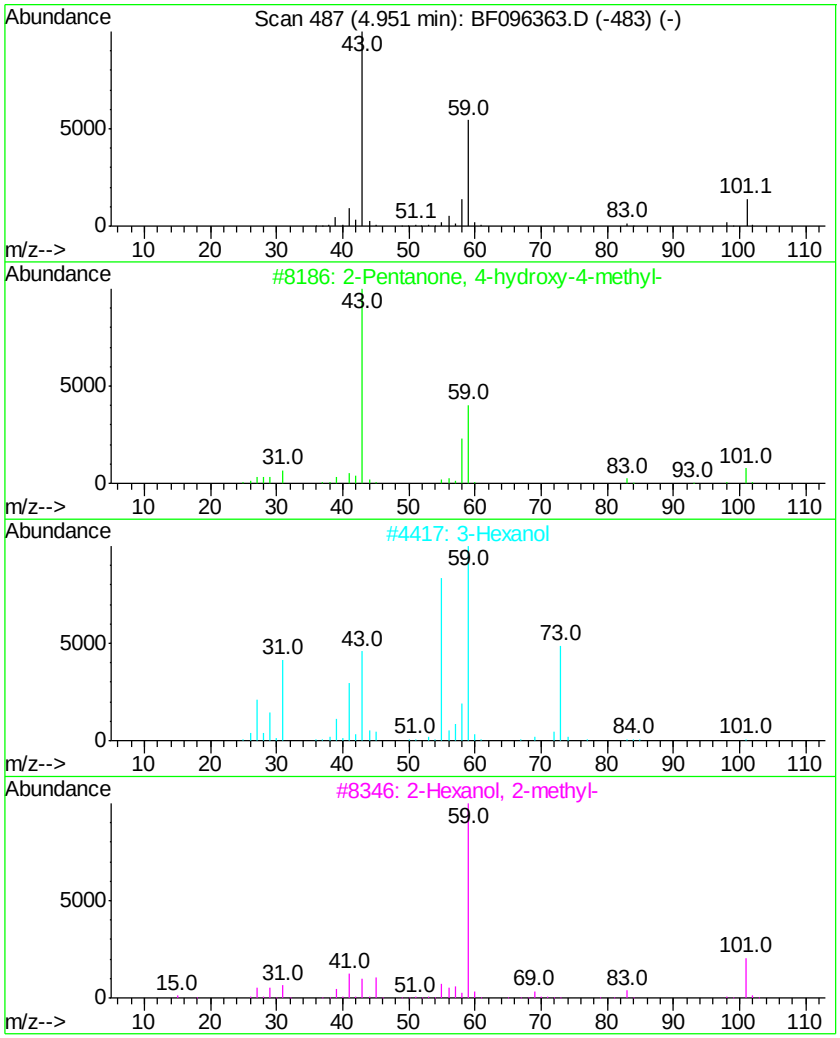
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

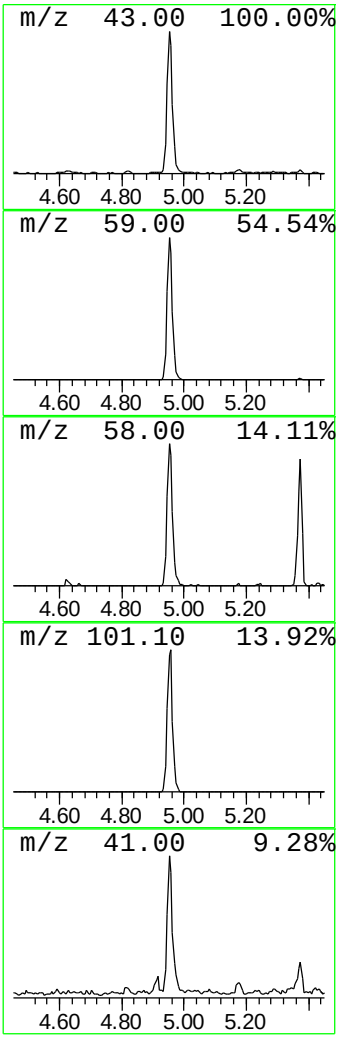
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	11.53 ng	519674	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

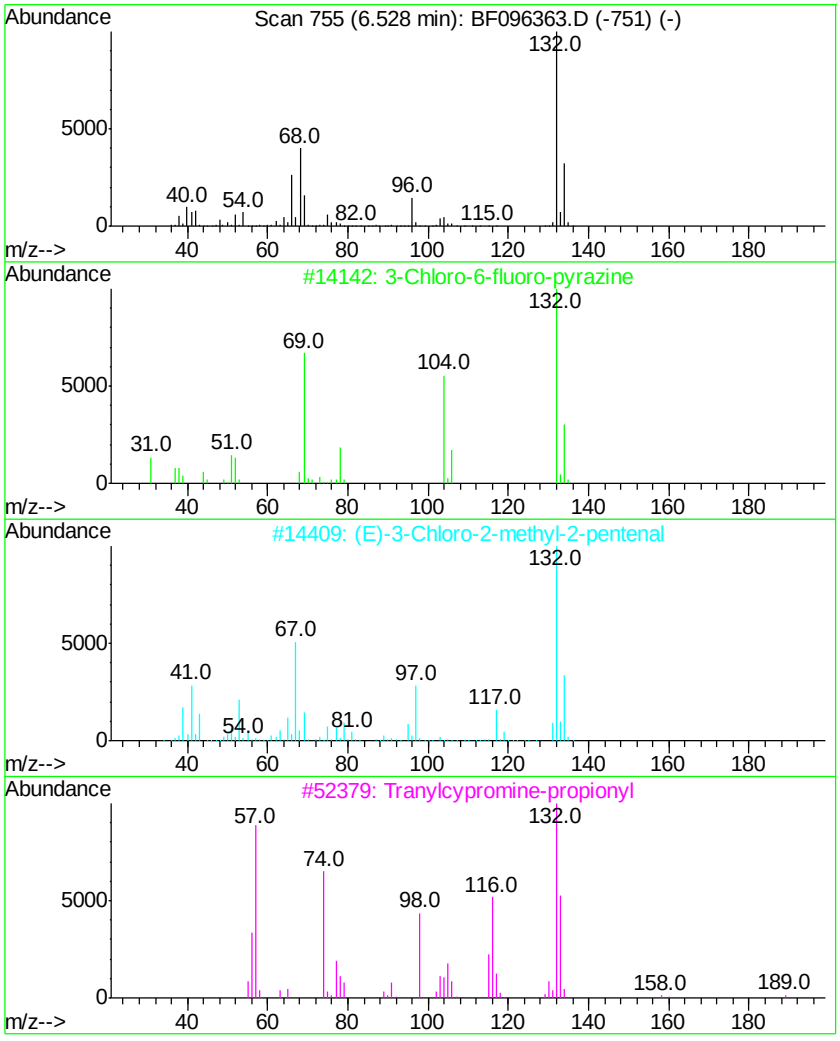
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

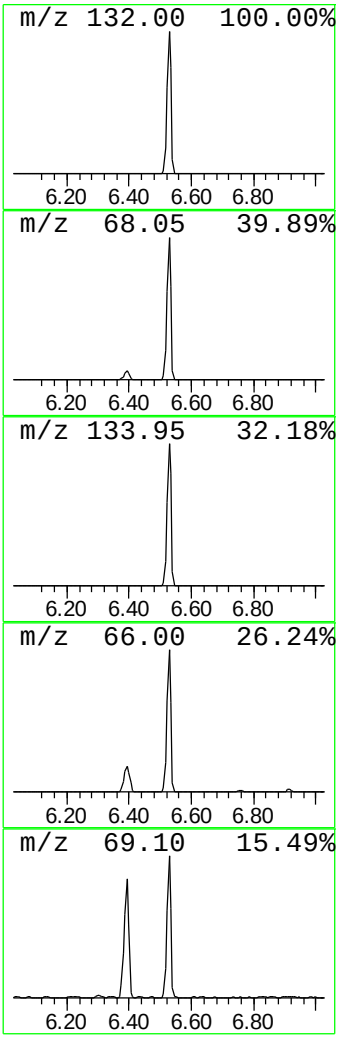
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	64.45 ng	2904980	1,4-Dichlorobenzene-d4	6.76

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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TIC Library : C:\DATABASE\NIST11.L
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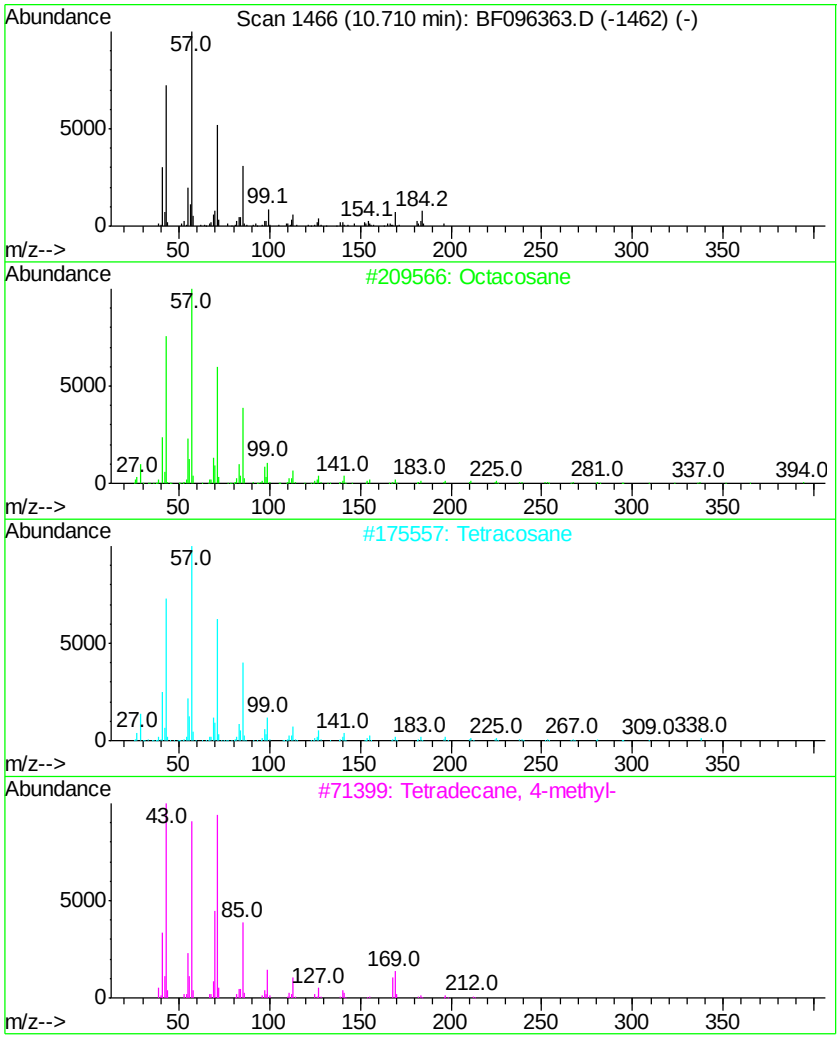
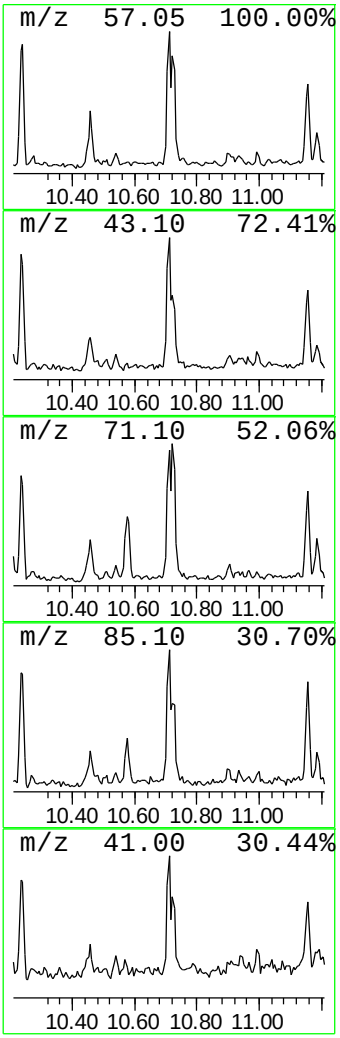
****

Peak Number 4 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.08 ng	136802	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Tetracosane	338	C24H50	000646-31-1	80
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Hexadecane	226	C16H34	000544-76-3	80





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TIC Library : C:\DATABASE\NIST11.L
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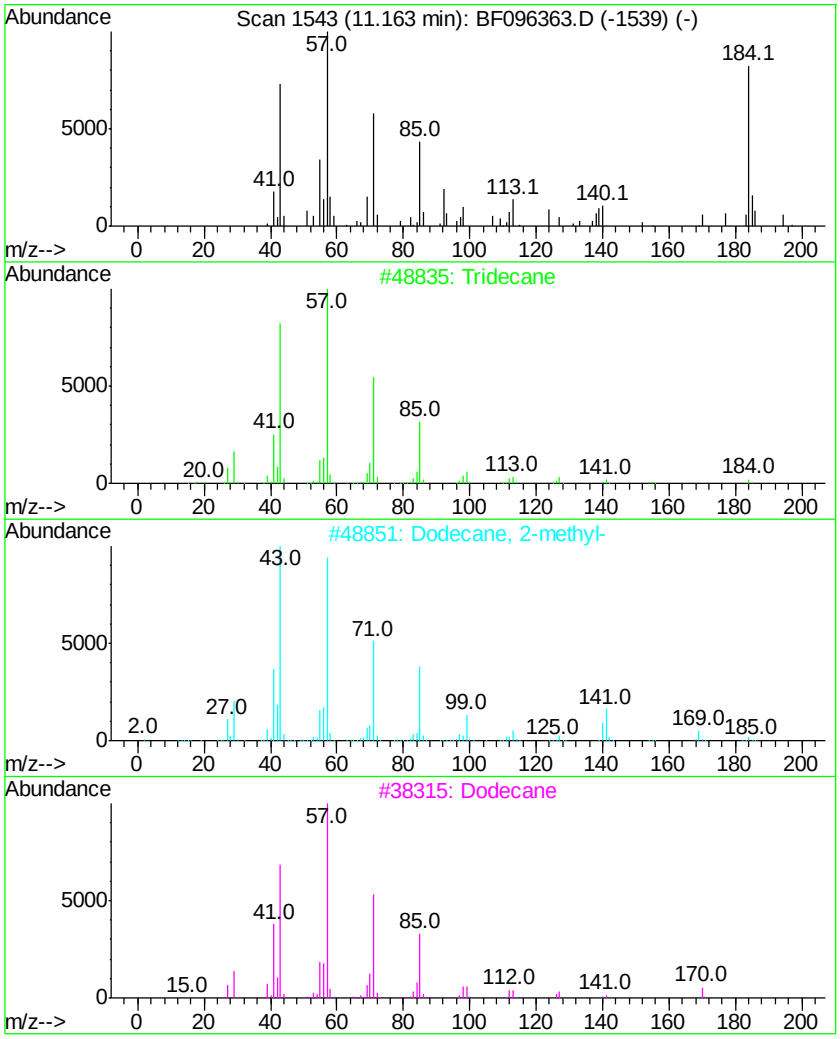
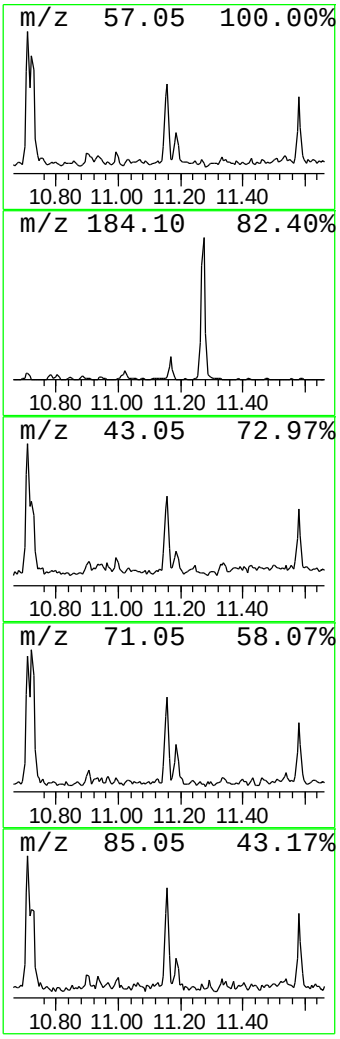
Peak Number 5 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	2.45 ng	109041	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Dodecane	170	C12H26	000112-40-3	86
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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ClientSampleId : B3-8.5-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

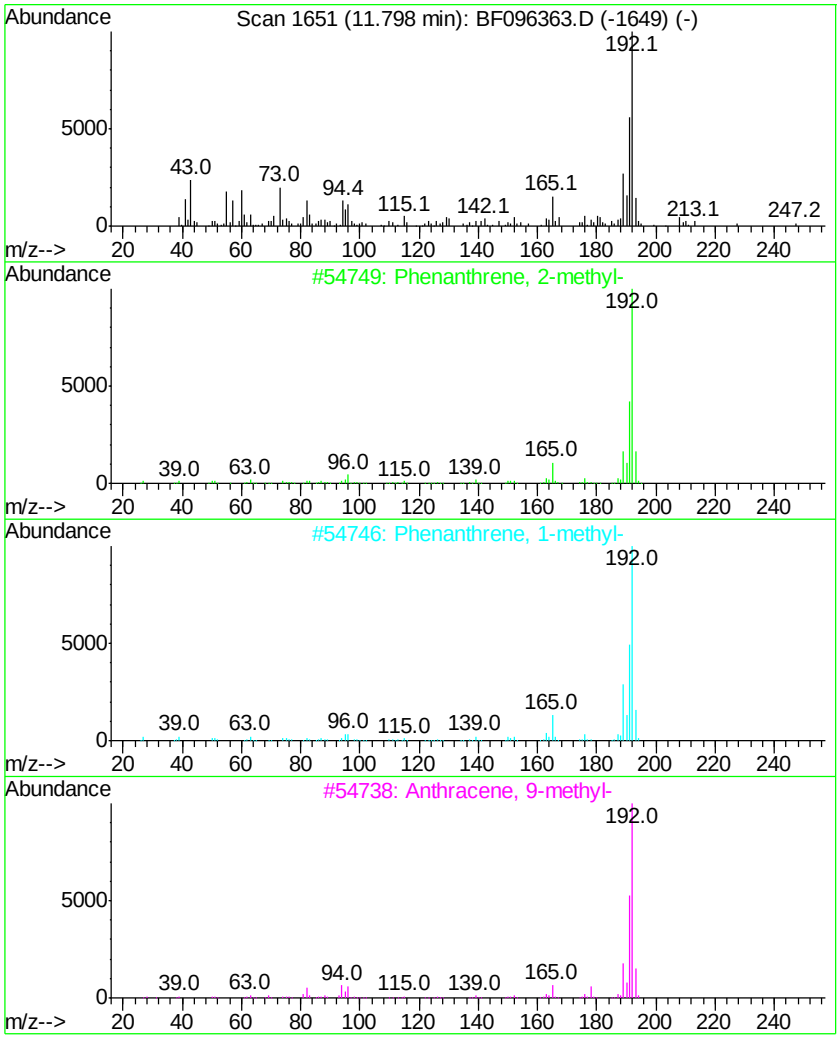
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

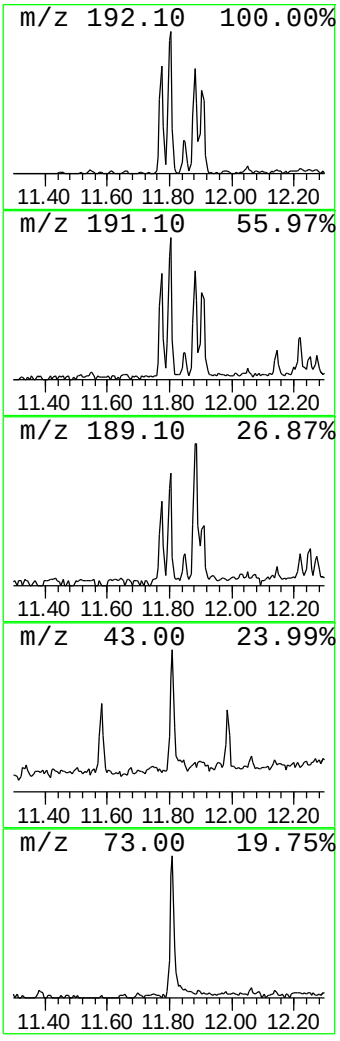
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	6.17 ng	274037	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Sample : I3930-12
Misc :
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Instrument : BNA_F
ClientSampleId : B3-8.5-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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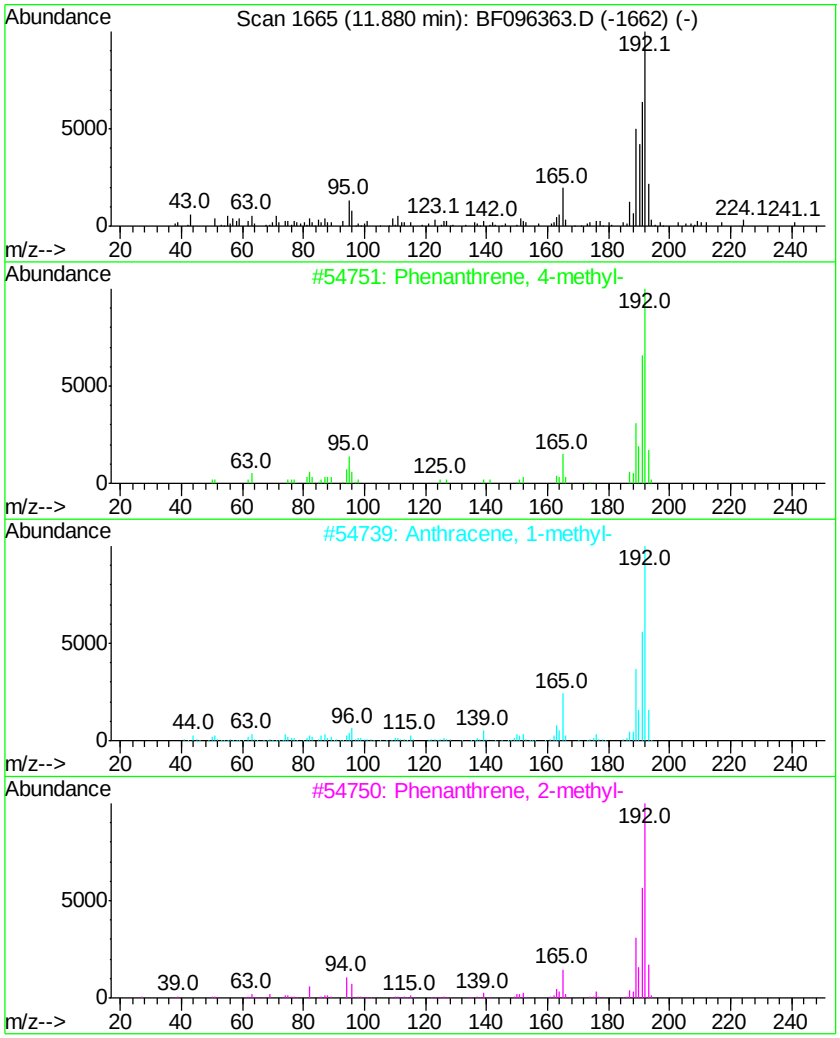
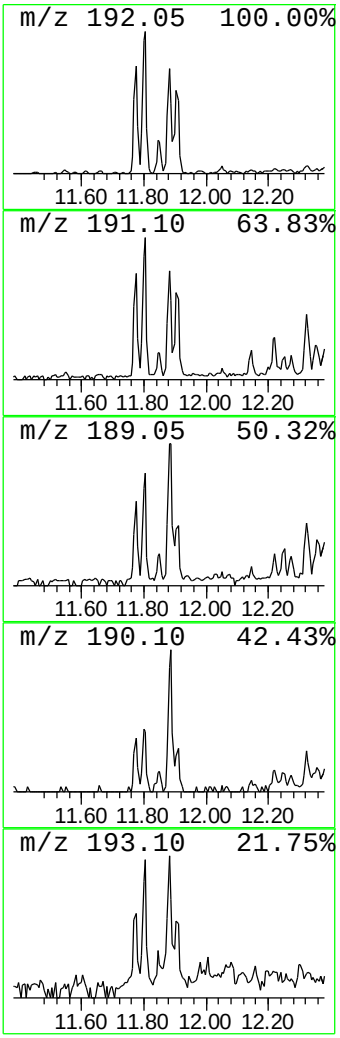
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.20 ng	97683	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64





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Data File : BF096363.D
Acq On : 1 Jul 2017 3:48
Operator : SJ/MA
Sample : I3930-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-8.5-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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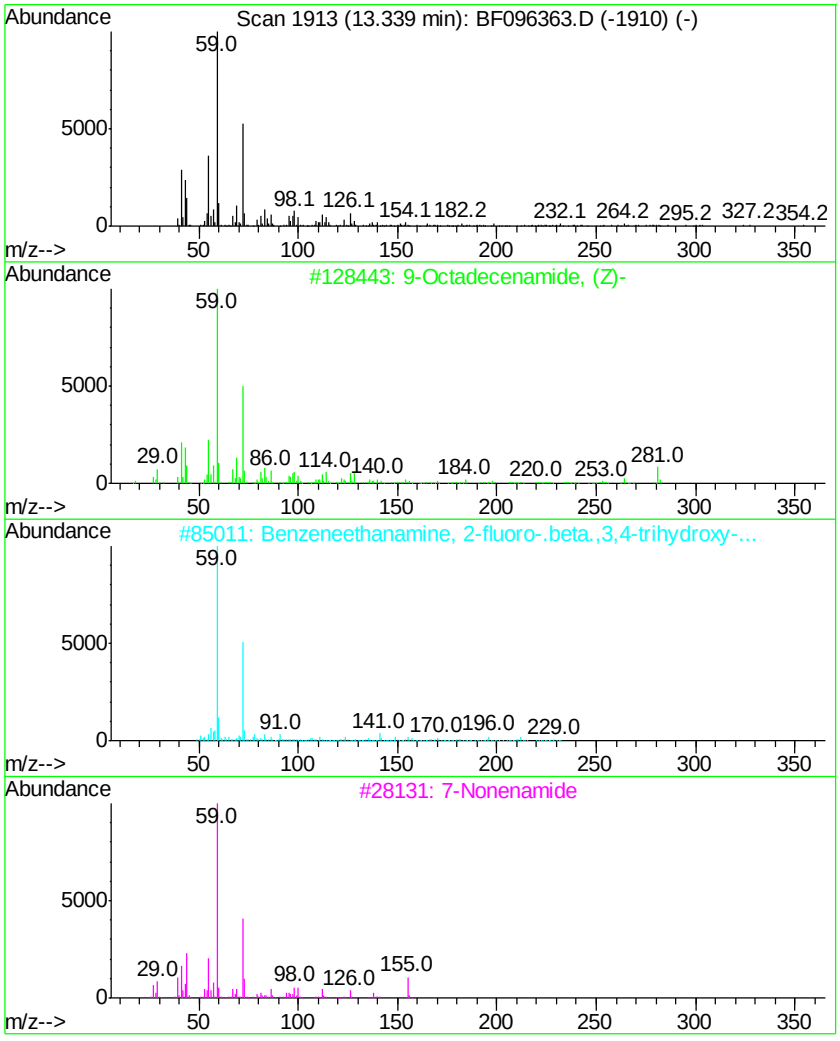
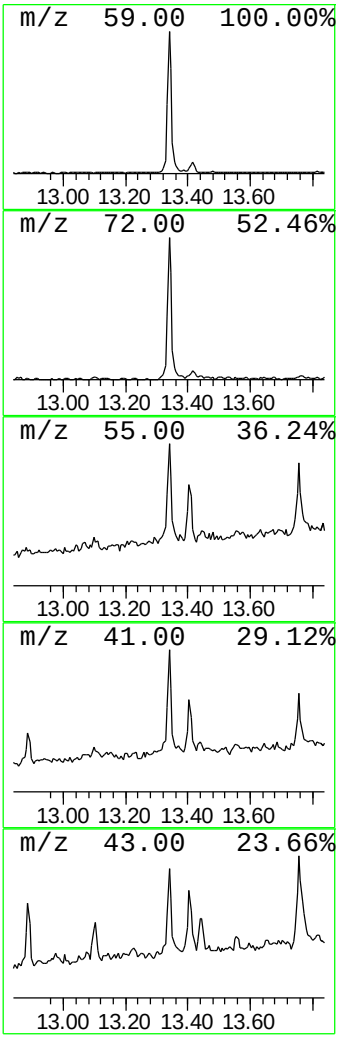
Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	6.57 ng	283401	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
3	7-Nonenamide	155	C9H17NO	090949-53-4	56
4	Dodecanamide	199	C12H25NO	001120-16-7	42
5	Nonanamide	157	C9H19NO	001120-07-6	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096363.D
Acq On : 1 Jul 2017 3:48
Operator : SJ/MA
Sample : I3930-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-8.5-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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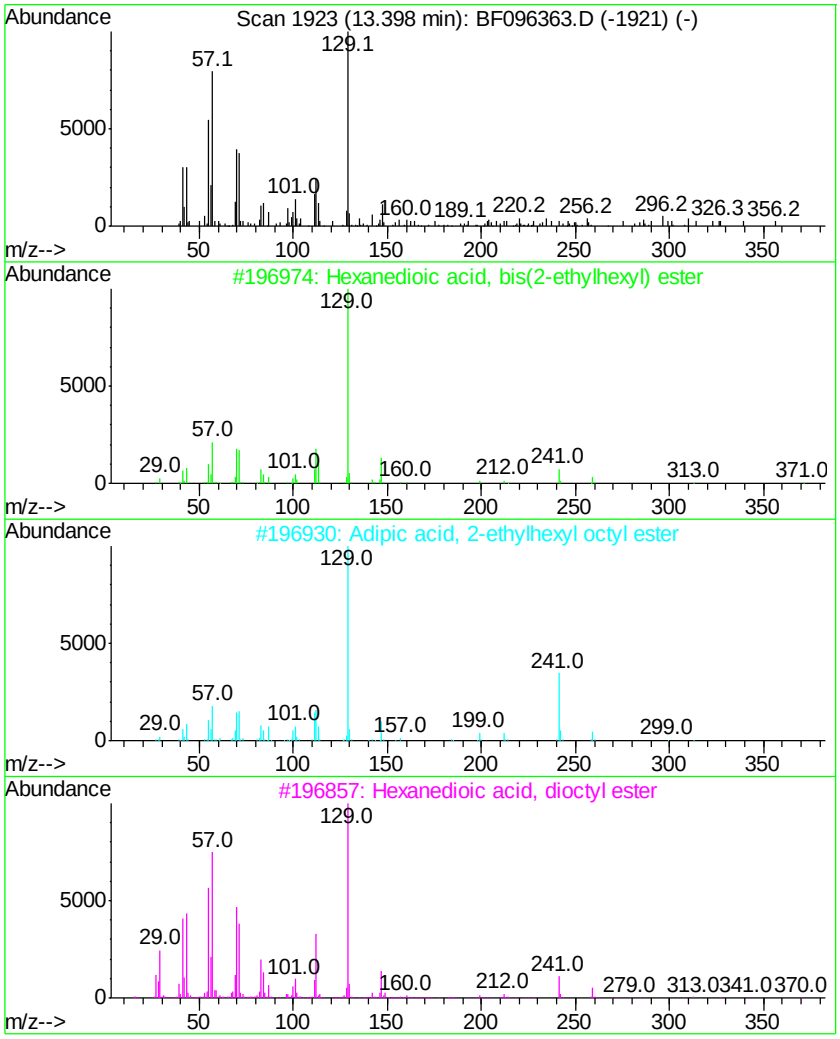
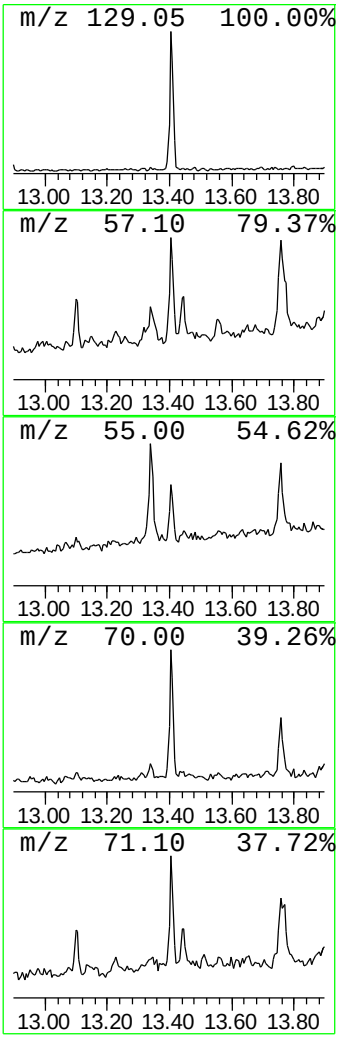
Peak Number 10 Hexanedioic acid, bis(2-eth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	4.53 ng	195564	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	58
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	52
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096363.D
Acq On : 1 Jul 2017 3:48
Operator : SJ/MA
Sample : I3930-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-8.5-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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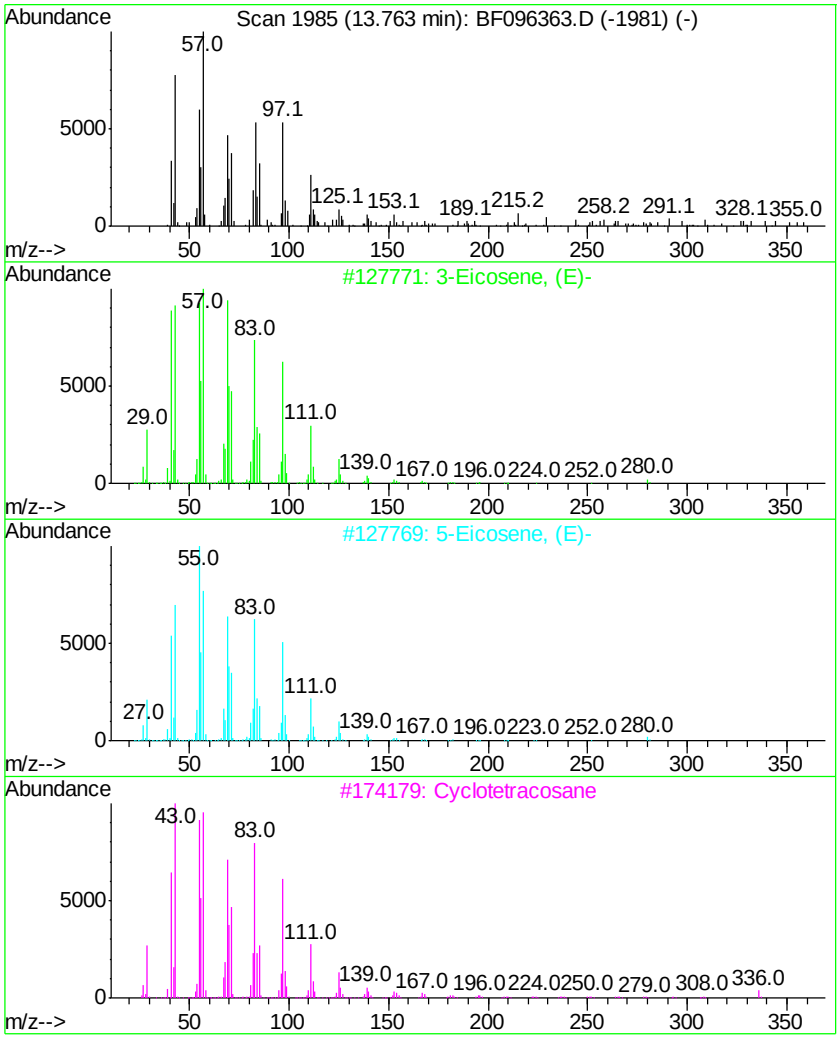
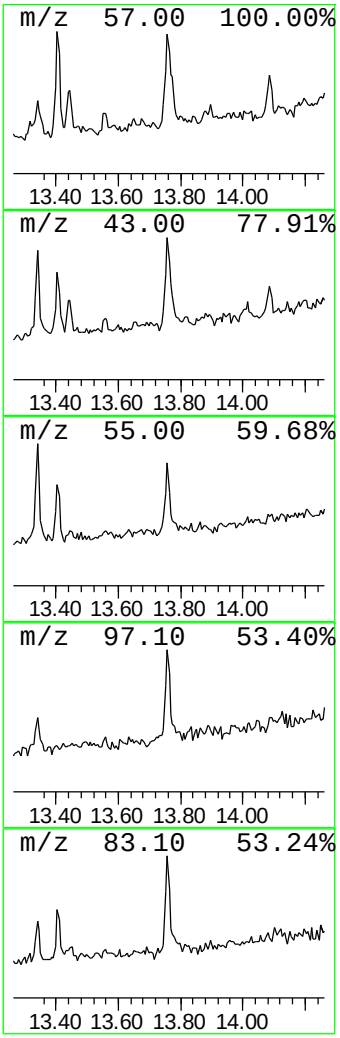
Peak Number 11 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.68 ng	201970	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3	Cyclotetracosane	336	C24H48	000297-03-0	95
4	Cycloeicosane	280	C20H40	000296-56-0	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096363.D
Acq On : 1 Jul 2017 3:48
Operator : SJ/MA
Sample : I3930-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-8.5-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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...	4.95	11.5	ng	519674	1	6.76	901407	20.0
unknown6.53	6.53	64.5	ng	2904980	1	6.76	901407	20.0
Octacosane	10.71	3.1	ng	136802	4	11.27	888446	20.0
Tridecane	11.16	2.5	ng	109041	4	11.27	888446	20.0
Phenanthrene, 2-m...	11.80	6.2	ng	274037	4	11.27	888446	20.0
Phenanthrene, 4-m...	11.88	2.2	ng	97683	4	11.27	888446	20.0
9-Octadecenamide,...	13.34	6.6	ng	283401	5	13.90	862837	20.0
Hexanedioic acid,...	13.40	4.5	ng	195564	5	13.90	862837	20.0
3-Eicosene, (E)-	13.76	4.7	ng	201970	5	13.90	862837	20.0