LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112744.D
Acq On : 28 Feb 2019 3:08
Operator : JU/SJ
Sample : K1596-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.351	550	555	558	rBV	4154706	4042844	92.39%	10.358%
2	6.375	724	729	741	rVB	4054422	4375663	100.00%	11.210%
3	6.510	748	752	756	rBV	4413759	4178233	95.49%	10.705%
4	6.745	788	792	795	rBV	1390092	1186938	27.13%	3.041%
5	6.898	814	818	822	rBV	3485929	3020633	69.03%	7.739%
6	7.298	881	886	889	rBV	2632905	2493418	56.98%	6.388%
7	8.022	1006	1009	1013	rBV	1685314	1434144	32.78%	3.674%
8	9.098	1188	1192	1195	rBV	4278182	3541789	80.94%	9.074%
9	9.192	1204	1208	1212	rBV3	55834	62591	1.43%	0.160%
10	9.375	1233	1239	1244	rBV5	29204	53642	1.23%	0.137%
11	9.486	1256	1258	1261	rBV	283707	257476	5.88%	0.660%
12	9.633	1280	1283	1288	rBV	48910	46994	1.07%	0.120%
13	9.775	1303	1307	1310	rBV	1533020	1402805	32.06%	3.594%
14	9.975	1339	1341	1345	rVB2	50780	46178	1.06%	0.118%
15	10.186	1373	1377	1380	rBV3	39604	47378	1.08%	0.121%
16	10.557	1436	1440	1443	rBV	2692665	2420329	55.31%	6.201%
17	10.927	1499	1503	1505	rBV2	57289	53435	1.22%	0.137%
18	11.251	1554	1558	1560	rBV	1615282	1423953	32.54%	3.648%
19	11.274	1560	1562	1565	rVB	428908	333428	7.62%	0.854%
20	11.321	1565	1570	1573	rBV2	148154	194851	4.45%	0.499%
21	11.751	1641	1643	1645	rBV	81323	55294	1.26%	0.142%
22	11.792	1645	1650	1653	rBV2	444695	555524	12.70%	1.423%
23	11.863	1658	1662	1664	rBV	130162	152735	3.49%	0.391%
24	12.045	1690	1693	1694	rBV	83534	63814	1.46%	0.163%
25	12.298	1733	1736	1739	rBV	154251	139242	3.18%	0.357%
26	12.457	1760	1763	1766	rBV	897729	743322	16.99%	1.904%
27	12.574	1780	1783	1787	rBV3	177434	217455	4.97%	0.557%
28	12.680	1796	1801	1804	rBV	786943	807888	18.46%	2.070%
29	12.833	1823	1827	1830	rBV	3601613	3138806	71.73%	8.042%
30	13.733	1978	1980	1989	rVB2	342669	384357	8.78%	0.985%
31	13.874	2000	2004	2007	rBV2	1413437	1526323	34.88%	3.910%
32	15.292	2242	2245	2248	rVB	592120	630792	14.42%	1.616%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 39032274

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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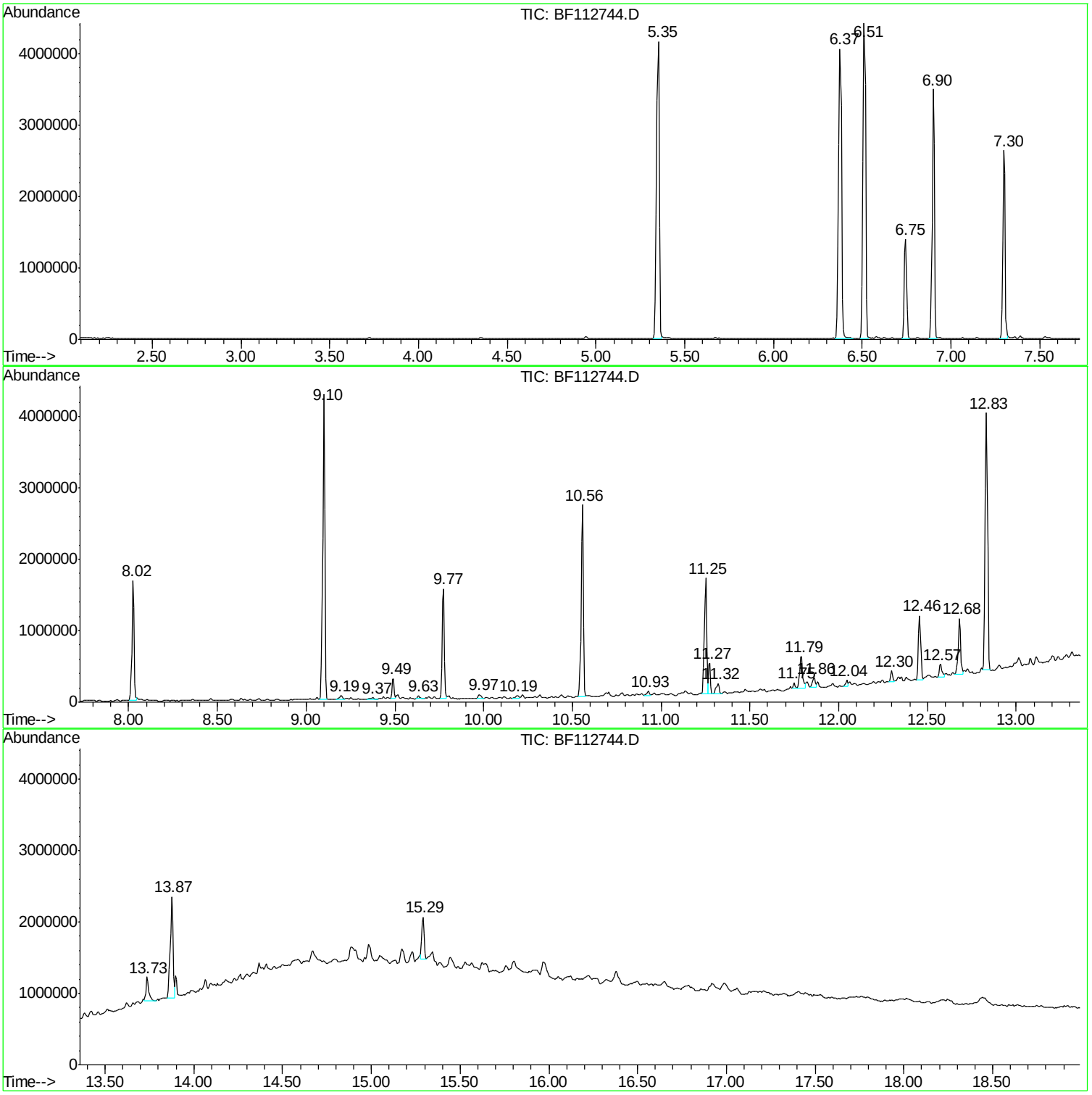
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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TIC Library : C:\DATABASE\NIST11.L
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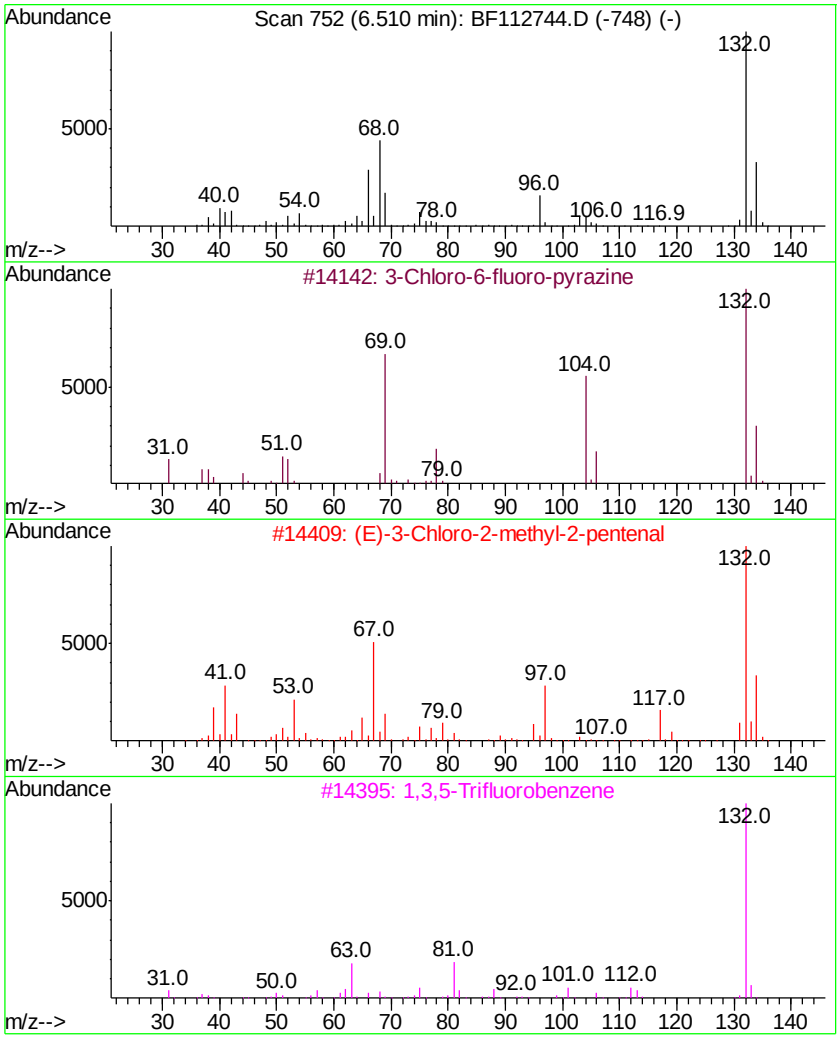
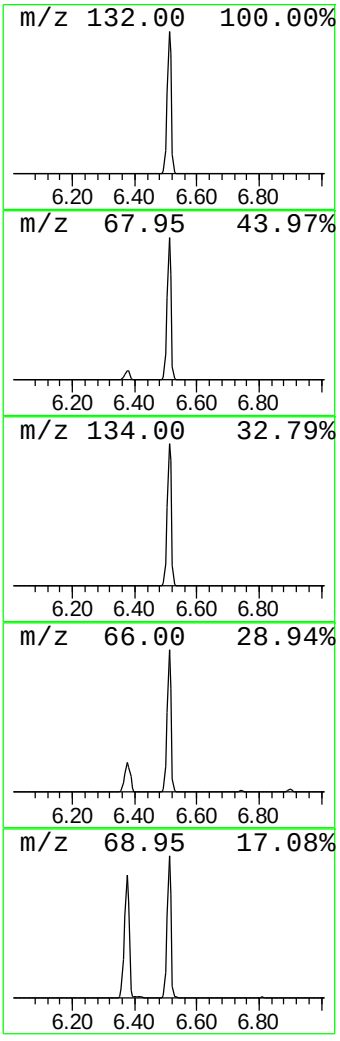
Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	70.40 ng	4178230	1,4-Dichlorobenzene-d4	6.75

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	12
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Operator : JU/SJ
Sample : K1596-03
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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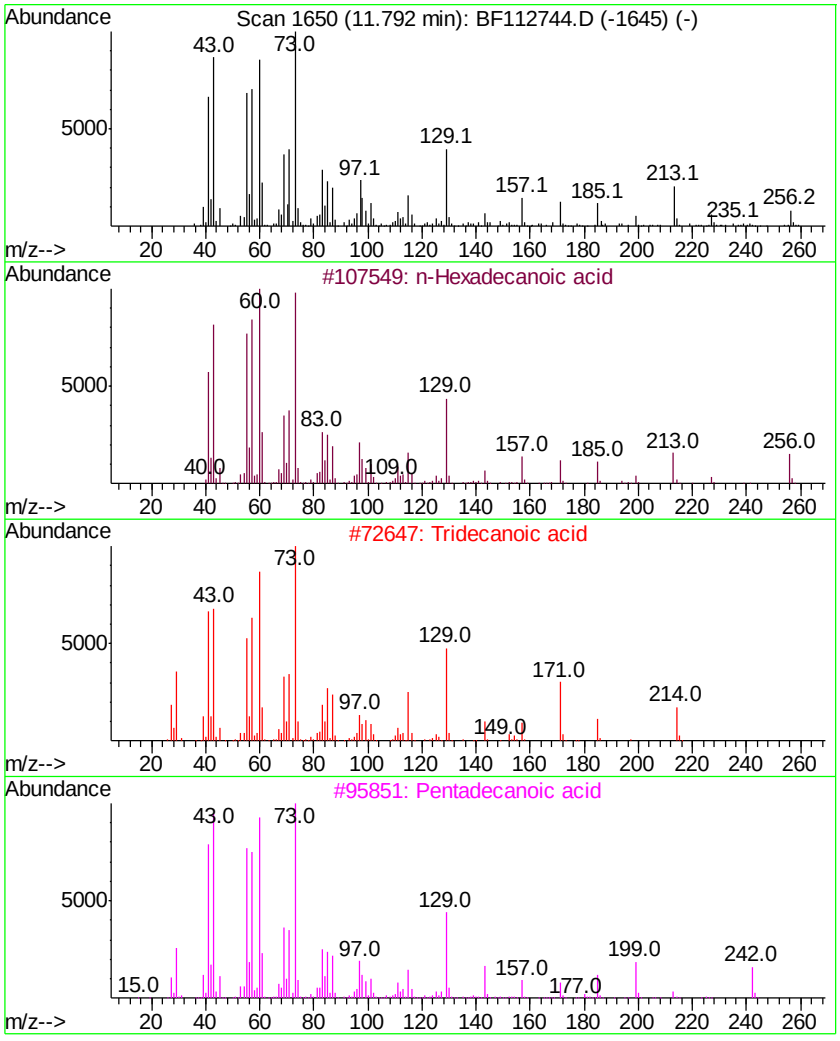
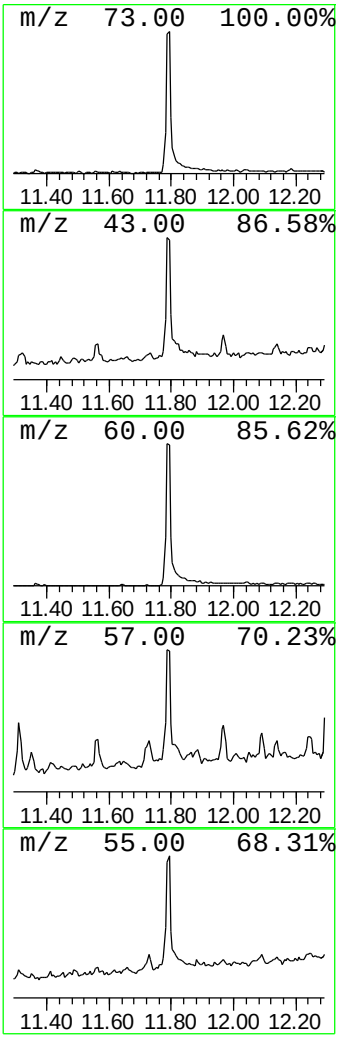
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.80 ng	555524	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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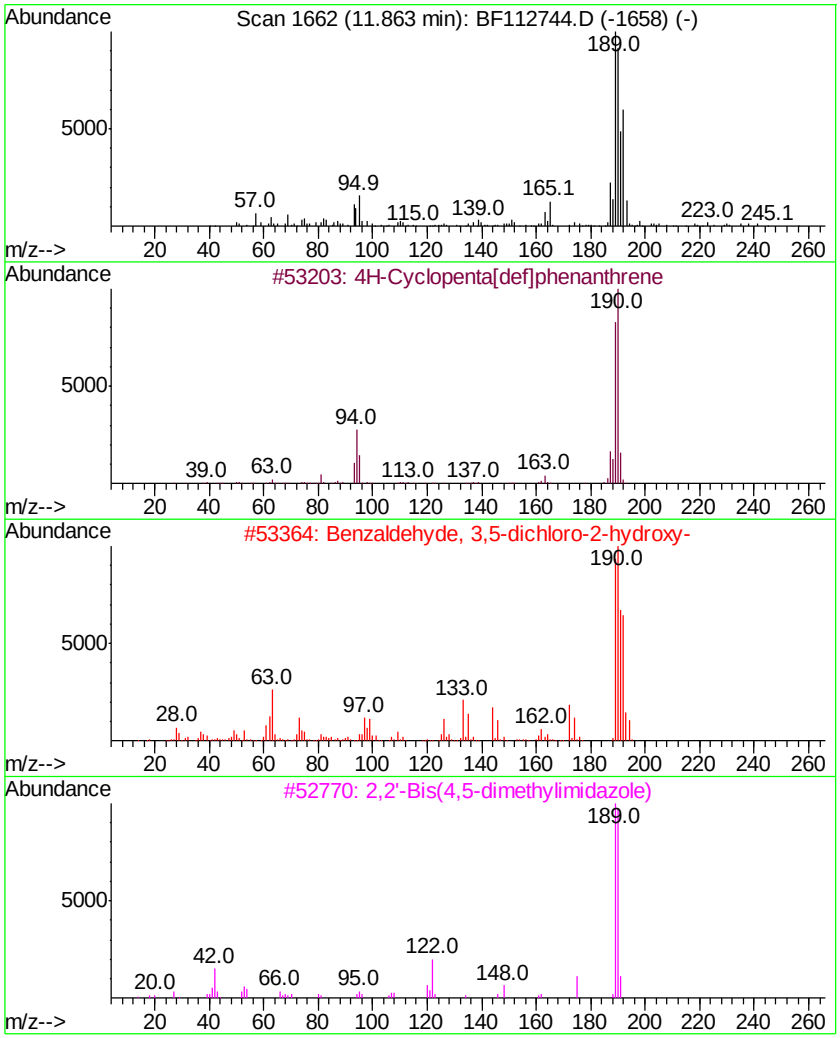
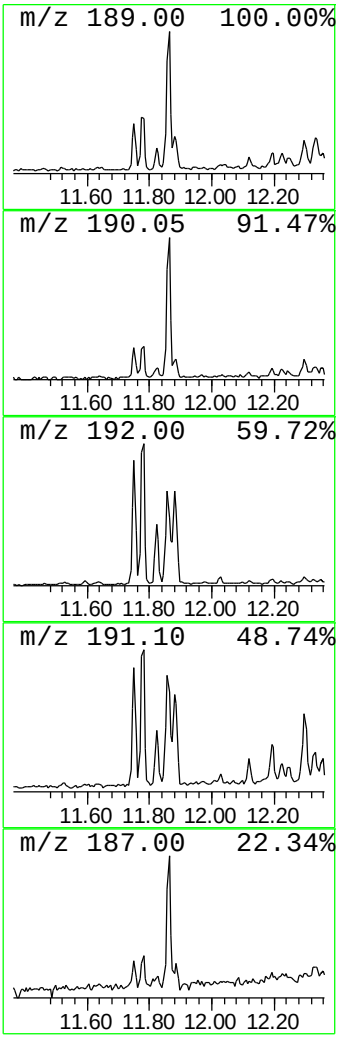
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.15 ng	152735	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38





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Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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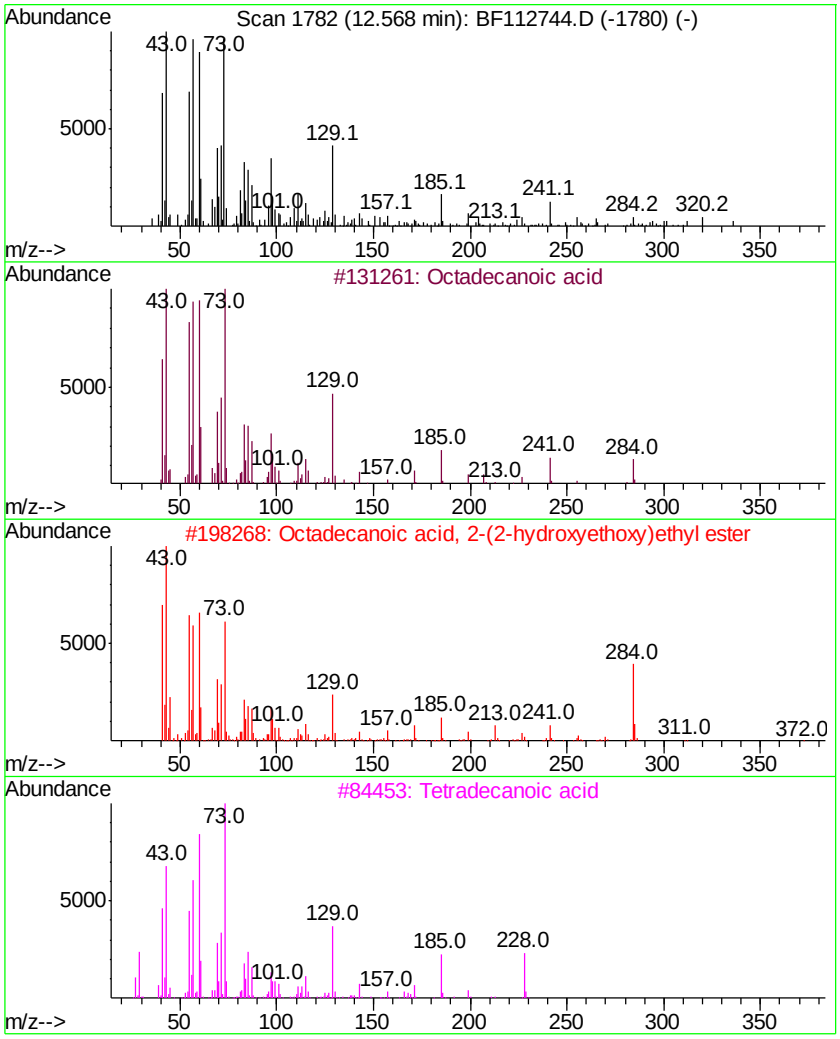
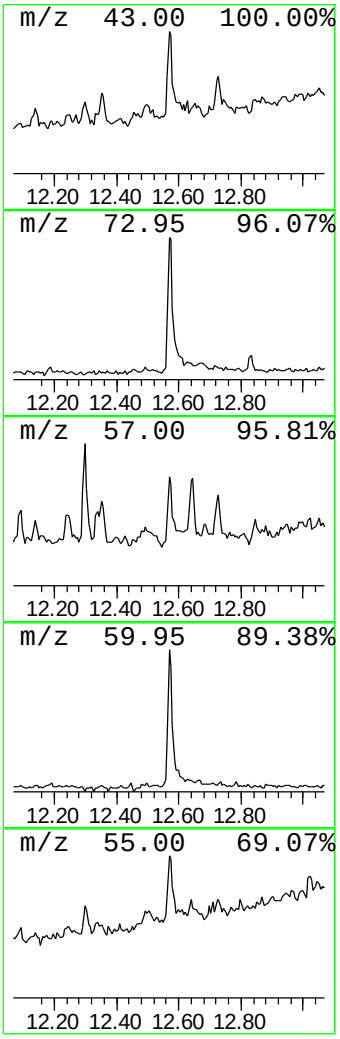
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.85 ng	217455	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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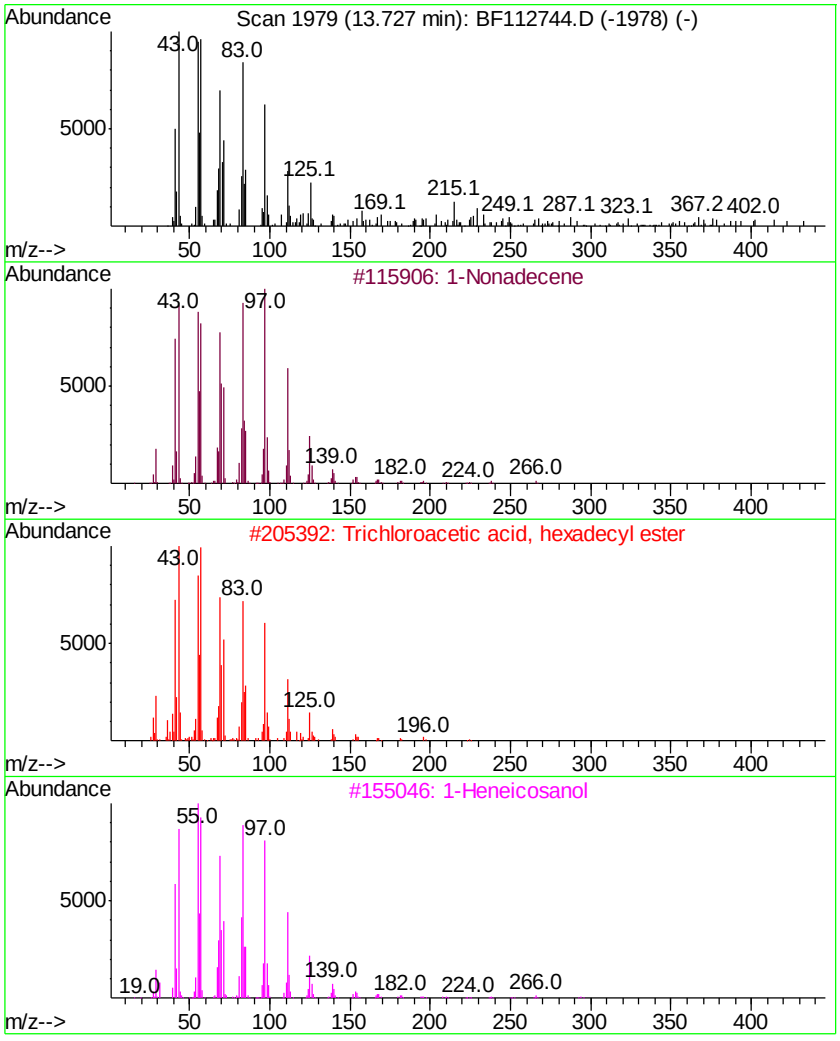
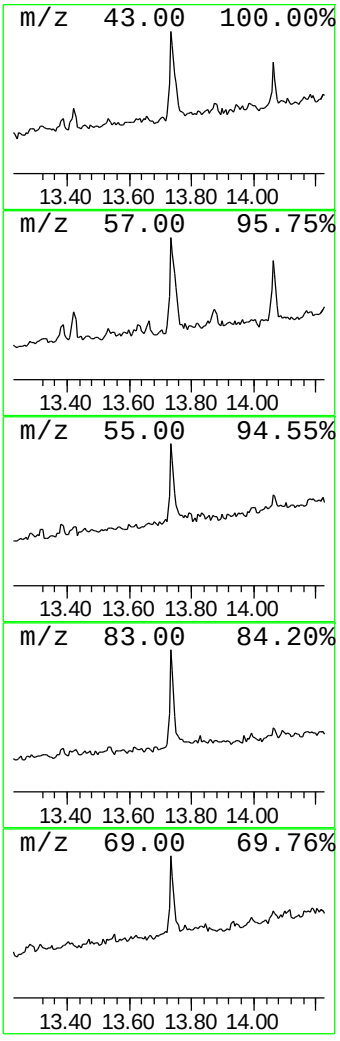
****

Peak Number 6 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.04 ng	384357	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.51	6.51	70.4	ng	4178230	1	6.75	1186940	20.0
n-Hexadecanoic acid	11.79	7.8	ng	555524	4	11.25	1423950	20.0
4H-Cyclopenta[def...	11.86	2.1	ng	152735	4	11.25	1423950	20.0
Octadecanoic acid	12.57	2.9	ng	217455	5	13.87	1526320	20.0
1-Nonadecene	13.73	5.0	ng	384357	5	13.87	1526320	20.0