LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103638.D
Acq On : 14 Mar 2018 13:57
Operator : SJ/JU
Sample : J1893-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF022218.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	6.598	759	767	768	rBV6	16227	30978	1.16%	0.280%
2	6.681	776	781	799	rVB5	35516	122857	4.60%	1.109%
3	6.863	808	812	830	rBV	283361	678195	25.37%	6.124%
4	7.022	835	839	850	rVB2	51504	110756	4.14%	1.000%
5	8.139	1026	1029	1054	rBV	513958	1088895	40.73%	9.832%
6	9.222	1210	1213	1220	rBV	108144	186873	6.99%	1.687%
7	9.275	1220	1222	1228	rVB	22767	29183	1.09%	0.264%
8	9.898	1324	1328	1346	rBV	910946	1206920	45.14%	10.898%
9	10.304	1394	1397	1406	rVB	59978	77199	2.89%	0.697%
10	10.716	1463	1467	1475	rBV4	56531	106489	3.98%	0.962%
11	10.786	1475	1479	1482	rVV	32776	39993	1.50%	0.361%
12	11.057	1518	1525	1531	rBV10	19403	51044	1.91%	0.461%
13	11.398	1579	1583	1595	rBV	738088	1145954	42.86%	10.348%
14	11.757	1641	1644	1650	rVB	39966	50043	1.87%	0.452%
15	11.916	1664	1671	1685	rBV2	1759301	2673650	100.00%	24.143%
16	12.216	1720	1722	1724	rBV2	48825	35618	1.33%	0.322%
17	12.451	1759	1762	1767	rBV4	55109	85640	3.20%	0.773%
18	12.551	1776	1779	1785	rVB2	86851	92467	3.46%	0.835%
19	12.698	1799	1804	1814	rBV	1391540	1779410	66.55%	16.068%
20	12.774	1814	1817	1824	rVB2	116853	158594	5.93%	1.432%
21	12.980	1849	1852	1856	rBV	144104	141492	5.29%	1.278%
22	14.057	2032	2035	2045	rBV	510299	648840	24.27%	5.859%
23	15.568	2289	2292	2301	rVB2	326764	533363	19.95%	4.816%

Sum of corrected areas: 11074453

LSC Report - Integrated Chromatogram

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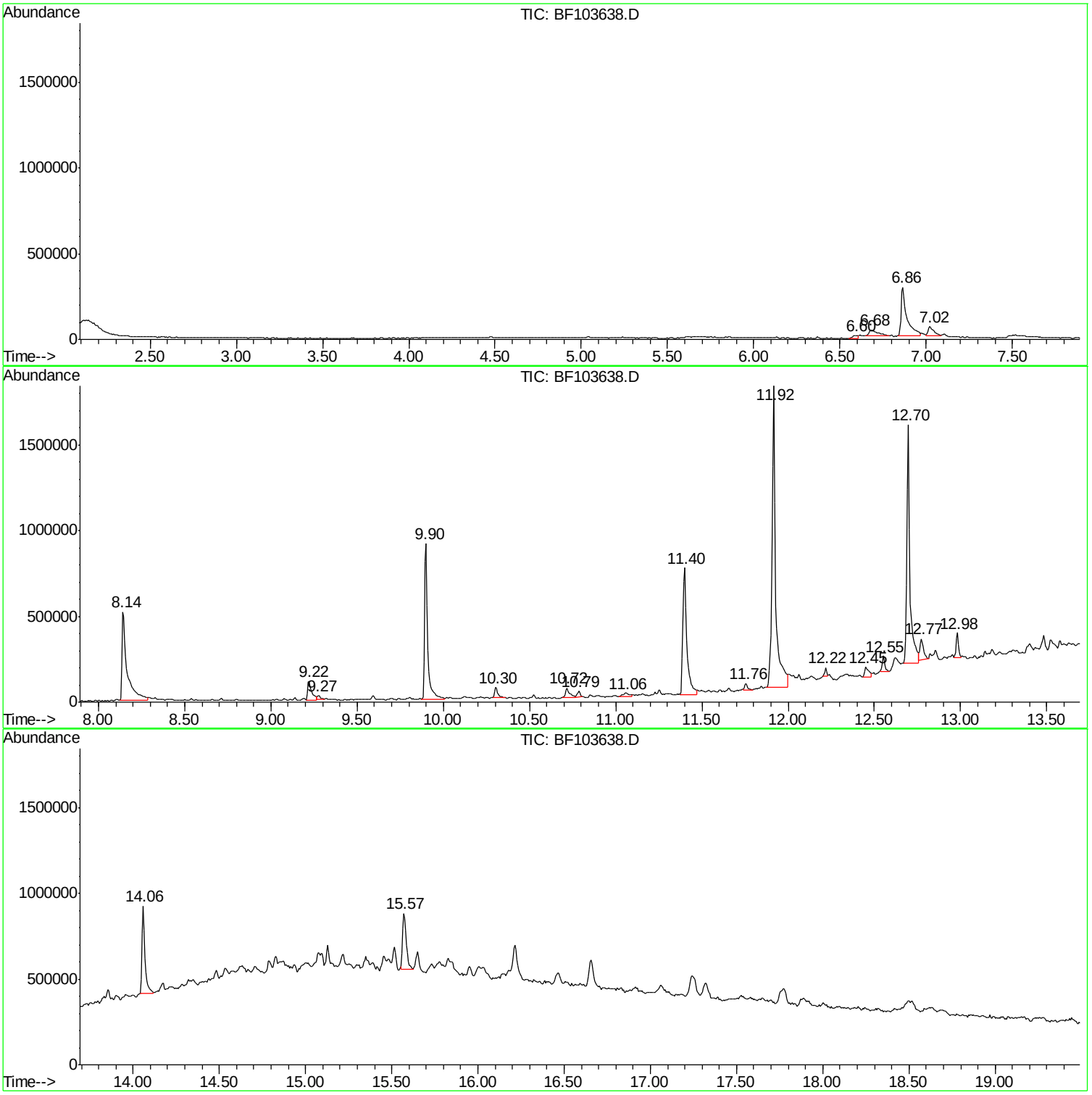
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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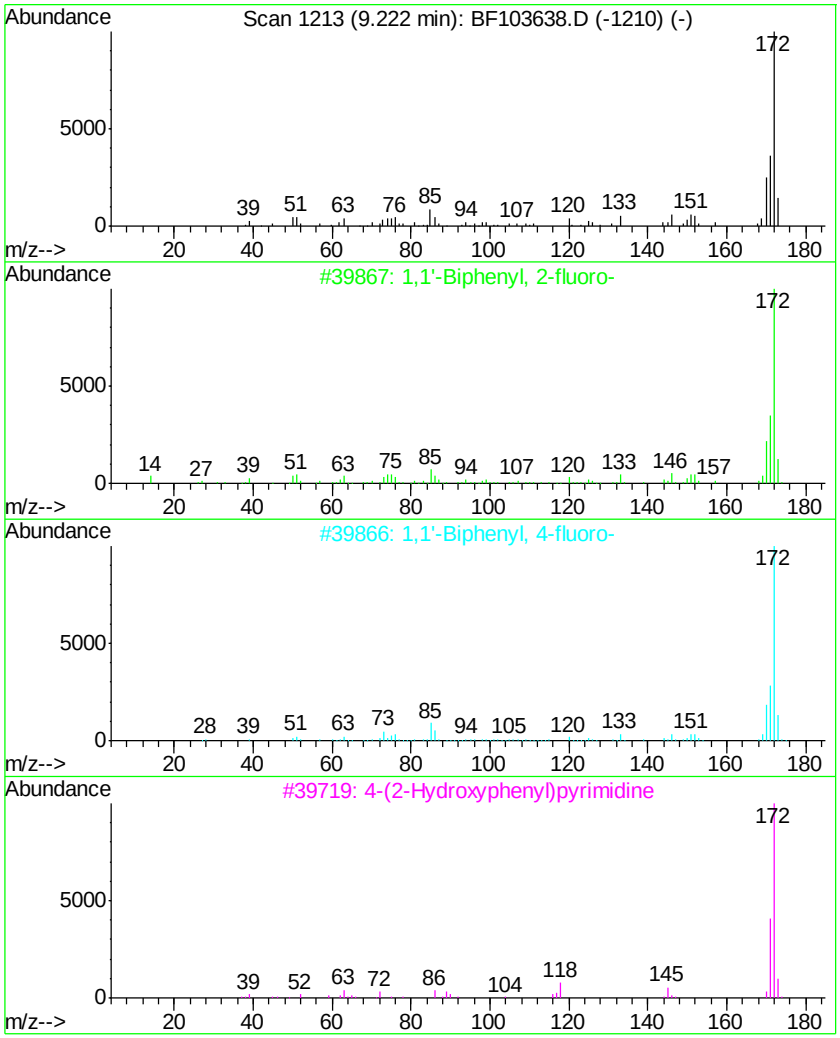
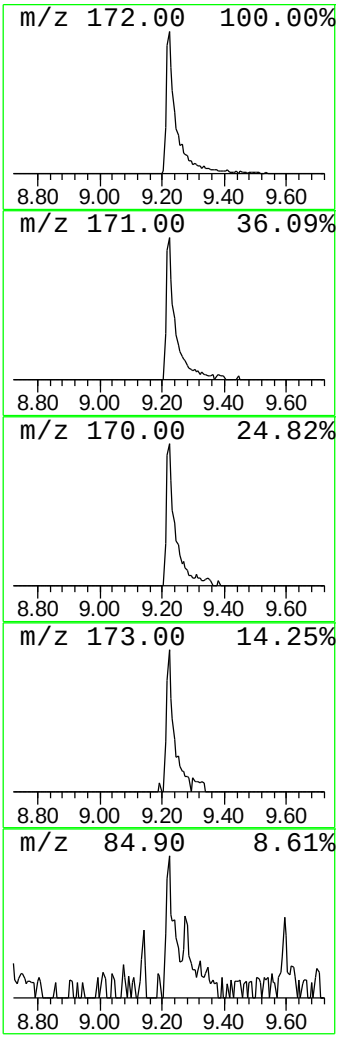
Peak Number 2 1,1'-Biphenyl, 2-fluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	3.10 ng	186873	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	95
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	93
3	4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	42
4	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	40
5	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	37





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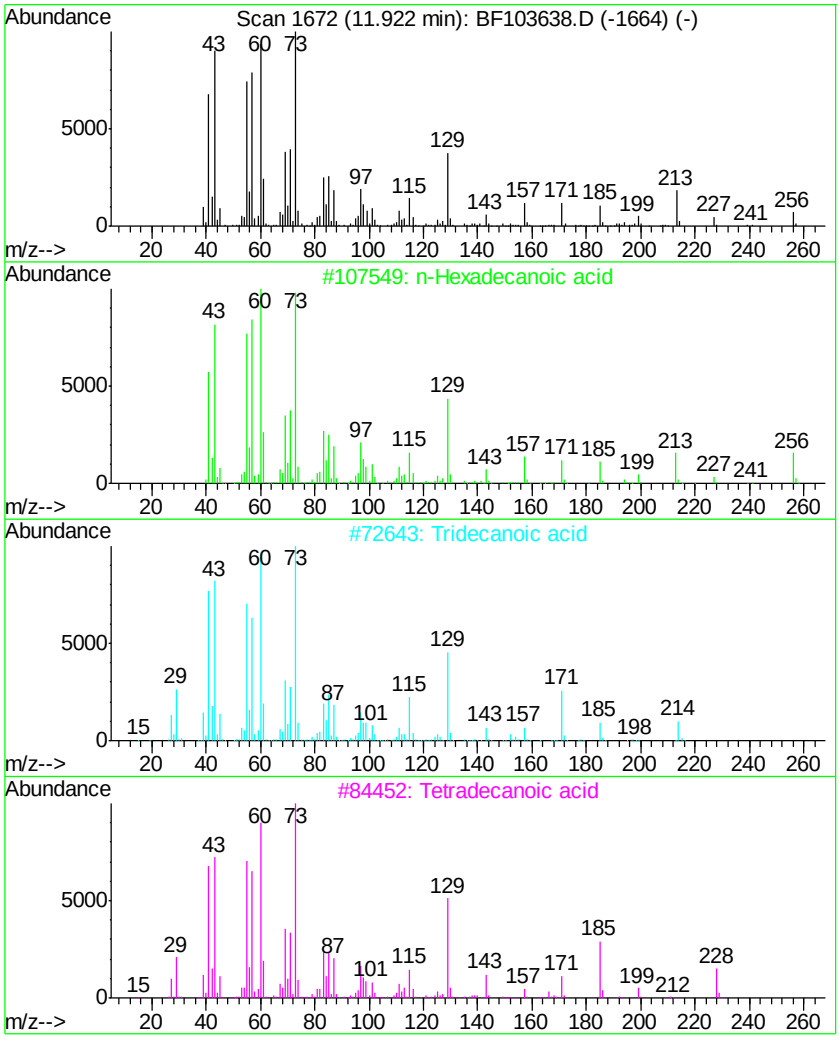
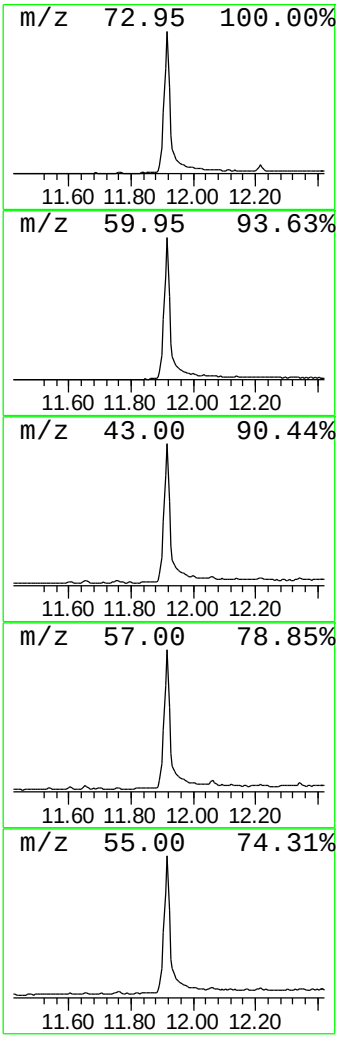
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	46.66 ng	2673650	Phenanthrene-d10	11.40

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Data File : BF103638.D
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Sample : J1893-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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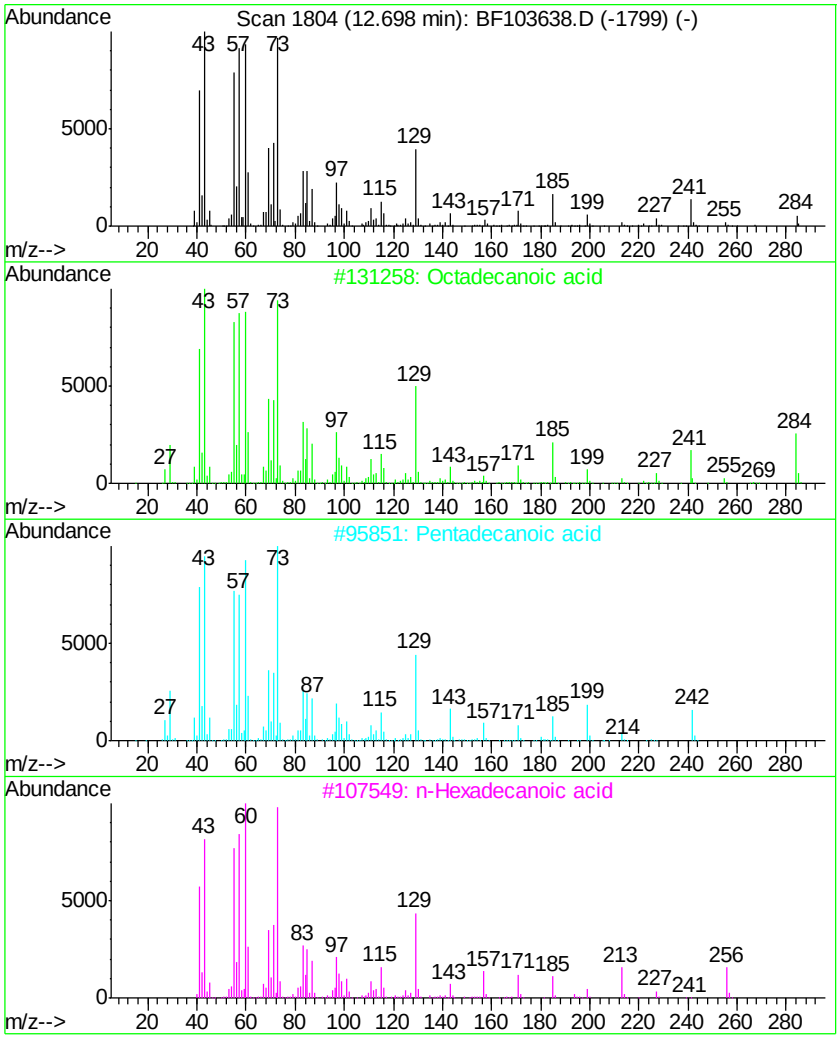
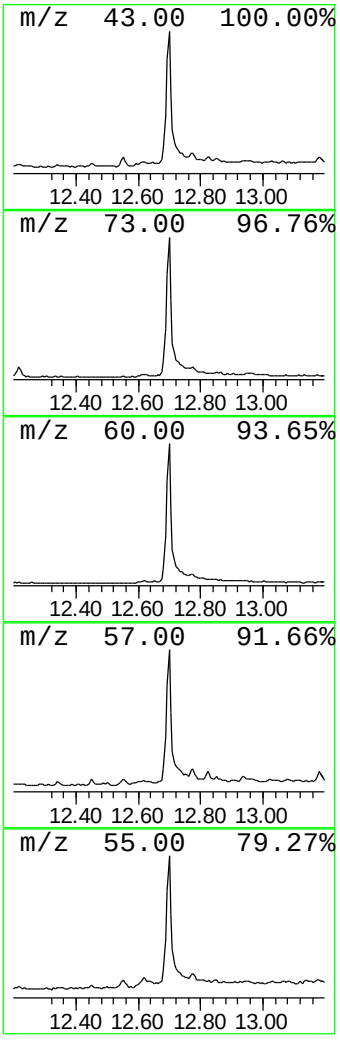
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	31.06 ng	1779410	Phenanthrene-d10	11.40

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	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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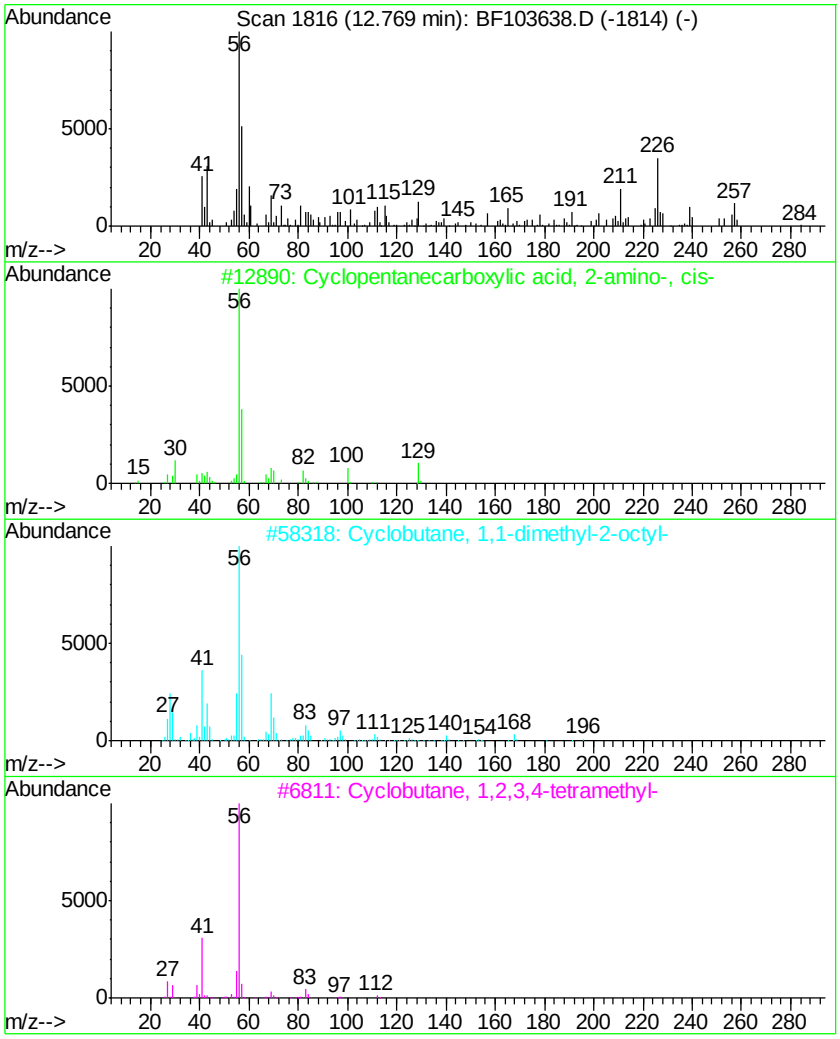
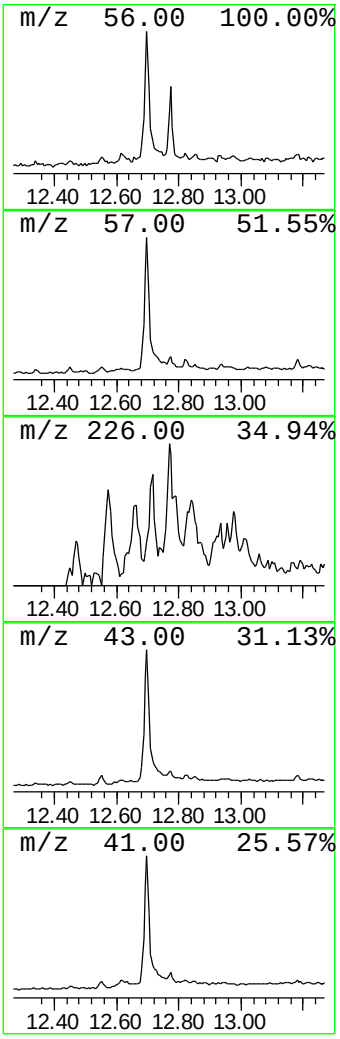
Peak Number 5 unknown12.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.89 ng	158594	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
2	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
3	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	35
4	m-Dioxane, 4,5,5-trimethyl-	130	C7H14O2	006301-68-4	25
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	25





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,1'-Biphenyl, 2-...	9.22	3.1	ng	186873	3	9.90	1206920	20.0
n-Hexadecanoic acid	11.92	46.7	ng	2673650	4	11.40	1145950	20.0
Octadecanoic acid	12.70	31.1	ng	1779410	4	11.40	1145950	20.0
unknown12.77	12.77	4.9	ng	158594	5	14.06	648840	20.0