LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

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-BF020318.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	2.151	6	11	22	rVB	552827	688076	26.60%	2.215%
2	5.098	509	512	517	rBV	59492	71184	2.75%	0.229%
3	5.463	571	574	575	rBV	50122	41633	1.61%	0.134%
4	5.492	575	579	592	rVB	2290342	2083295	80.53%	6.708%
5	6.498	746	750	761	rBV	1987240	2076428	80.26%	6.685%
6	6.645	770	775	778	rBV	2272765	2155201	83.31%	6.939%
7	6.704	781	785	788	rVB2	26208	28363	1.10%	0.091%
8	6.875	810	814	818	rBV	1469034	1217115	47.05%	3.919%
9	7.028	836	840	844	rBV	1701629	1587888	61.38%	5.112%
10	7.433	905	909	913	rBV	1391717	1298124	50.18%	4.180%
11	7.463	913	914	918	rVB	43251	30296	1.17%	0.098%
12	8.157	1028	1032	1039	rBV	1844902	1609039	62.19%	5.181%
13	8.933	1160	1164	1169	rBV	97317	151652	5.86%	0.488%
14	9.227	1210	1214	1224	rBV	2382623	2103363	81.30%	6.772%
15	9.304	1224	1227	1230	rBV	63709	51607	1.99%	0.166%
16	9.563	1268	1271	1275	rBV6	22522	28458	1.10%	0.092%
17	9.622	1278	1281	1288	rVB	219956	218086	8.43%	0.702%
18	9.774	1304	1307	1310	rBV	76586	71912	2.78%	0.232%
19	9.833	1312	1317	1320	rVV2	114040	137255	5.31%	0.442%
20	9.916	1325	1331	1334	rVV	1791282	1725749	66.71%	5.556%
21	9.945	1334	1336	1341	rVB2	97167	85406	3.30%	0.275%
22	10.069	1352	1357	1359	rBV5	34206	52161	2.02%	0.168%
23	10.116	1362	1365	1369	rVV2	58217	72580	2.81%	0.234%
24	10.157	1369	1372	1376	rVV2	31235	35809	1.38%	0.115%
25	10.227	1381	1384	1385	rBV2	33737	31513	1.22%	0.101%
26	10.316	1396	1399	1400	rBV2	81625	71308	2.76%	0.230%
27	10.333	1400	1402	1404	rVB	130630	91535	3.54%	0.295%
28	10.463	1421	1424	1429	rVB	85766	94975	3.67%	0.306%
29	10.551	1436	1439	1441	rBV2	44571	43600	1.69%	0.140%
30	10.704	1461	1465	1469	rBV	1174479	1129726	43.67%	3.637%
31	10.757	1472	1474	1480	rVB	44238	59394	2.30%	0.191%
32	10.810	1480	1483	1492	rVB4	131781	240362	9.29%	0.774%
33	10.898	1492	1498	1500	rBV7	49277	88727	3.43%	0.286%
34	11.257	1557	1559	1561	rBV2	56695	40074	1.55%	0.129%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.404	1580	1584	1586	rBV	1672066	1469493	56.80%	4.731%
36	11.427	1586	1588	1592	rVV	669475	551770	21.33%	1.777%
37	11.474	1594	1596	1599	rVV	131950	124660	4.82%	0.401%
38	11.633	1621	1623	1626	rBV	91772	70776	2.74%	0.228%
39	11.927	1670	1673	1679	rVB3	198706	271635	10.50%	0.875%
40	12.227	1722	1724	1726	rBV2	136636	115061	4.45%	0.370%
41	12.621	1788	1791	1794	rBV	928794	757428	29.28%	2.439%
42	12.721	1805	1808	1813	rVB2	314917	347695	13.44%	1.119%
43	12.851	1827	1830	1835	rVB	821487	736435	28.47%	2.371%
44	12.986	1850	1853	1861	rVB	1265154	1275743	49.31%	4.107%
45	14.051	2030	2034	2037	rBV2	889302	1190741	46.03%	3.834%
46	16.268	2407	2411	2418	rVB2	1021316	2048732	79.19%	6.596%
47	16.715	2481	2487	2493	rVB	1367945	2587105	100.00%	8.330%

Sum of corrected areas: 31059168

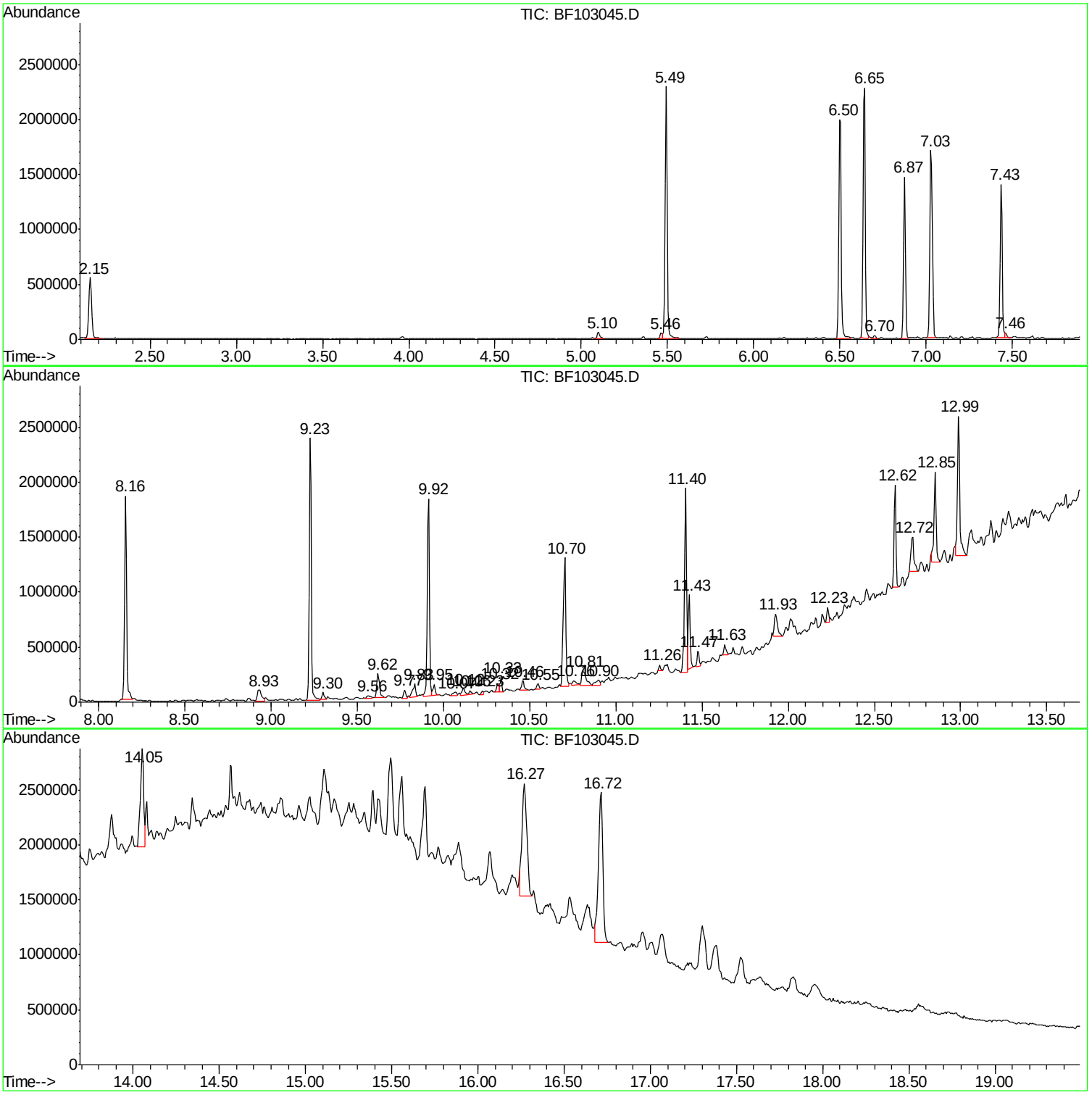
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

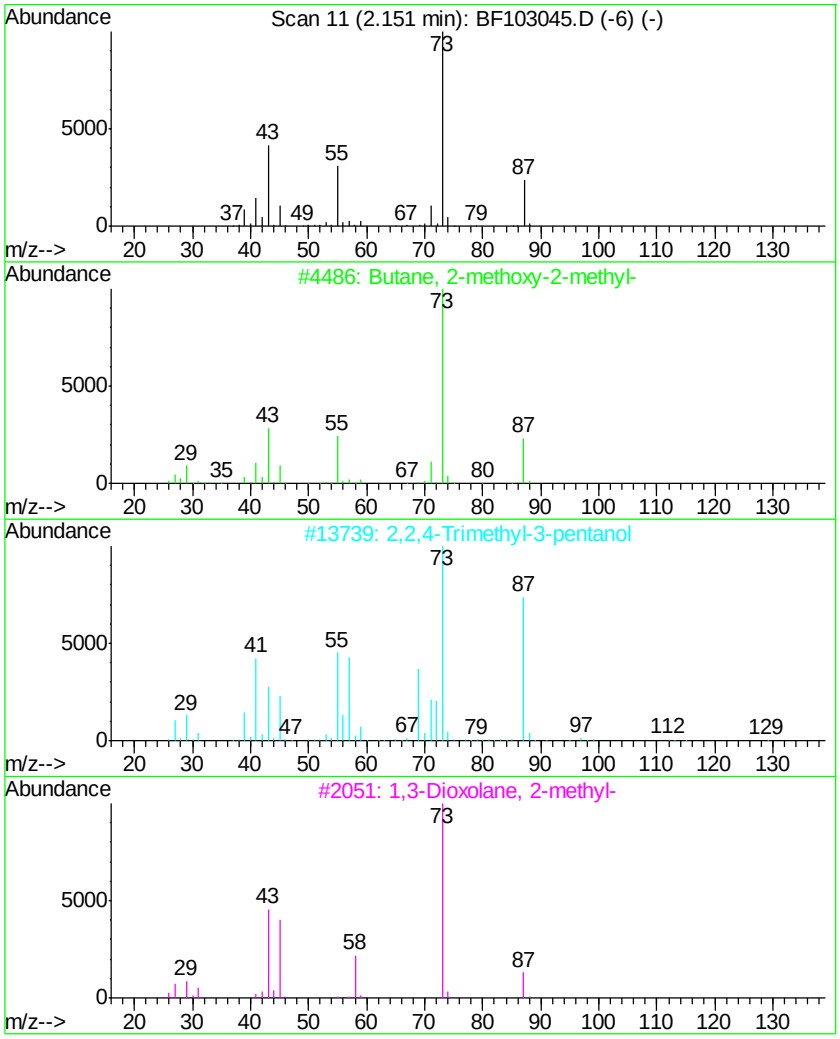
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

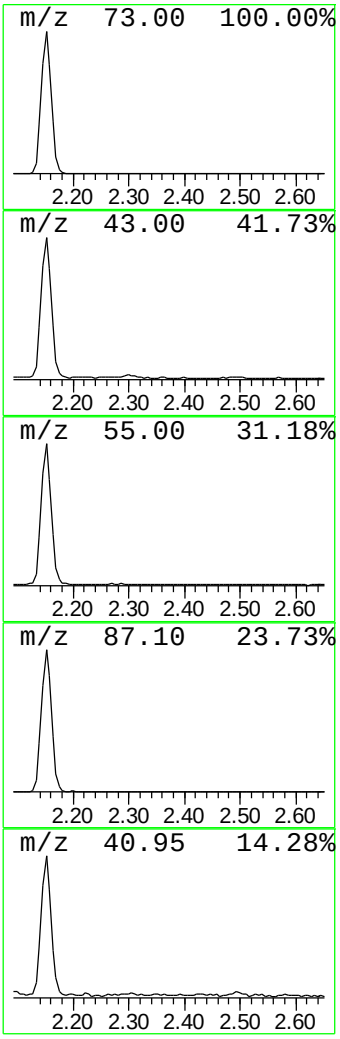
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	11.31 ng	688076	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

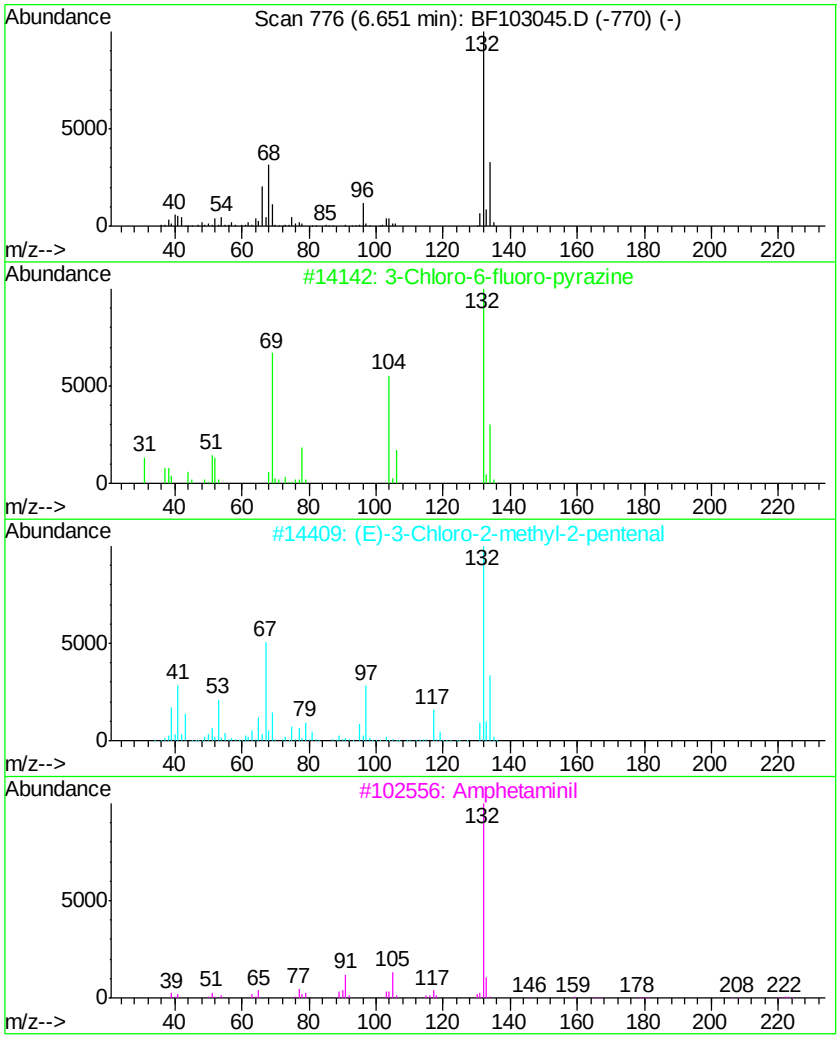
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

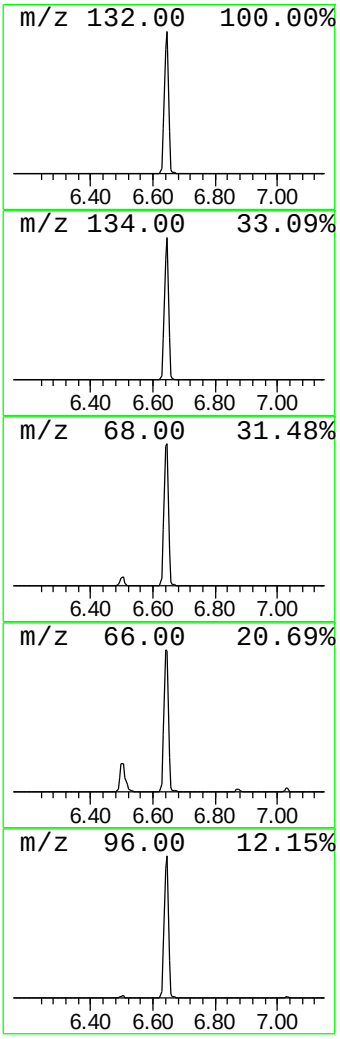
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	35.41 ng	2155200	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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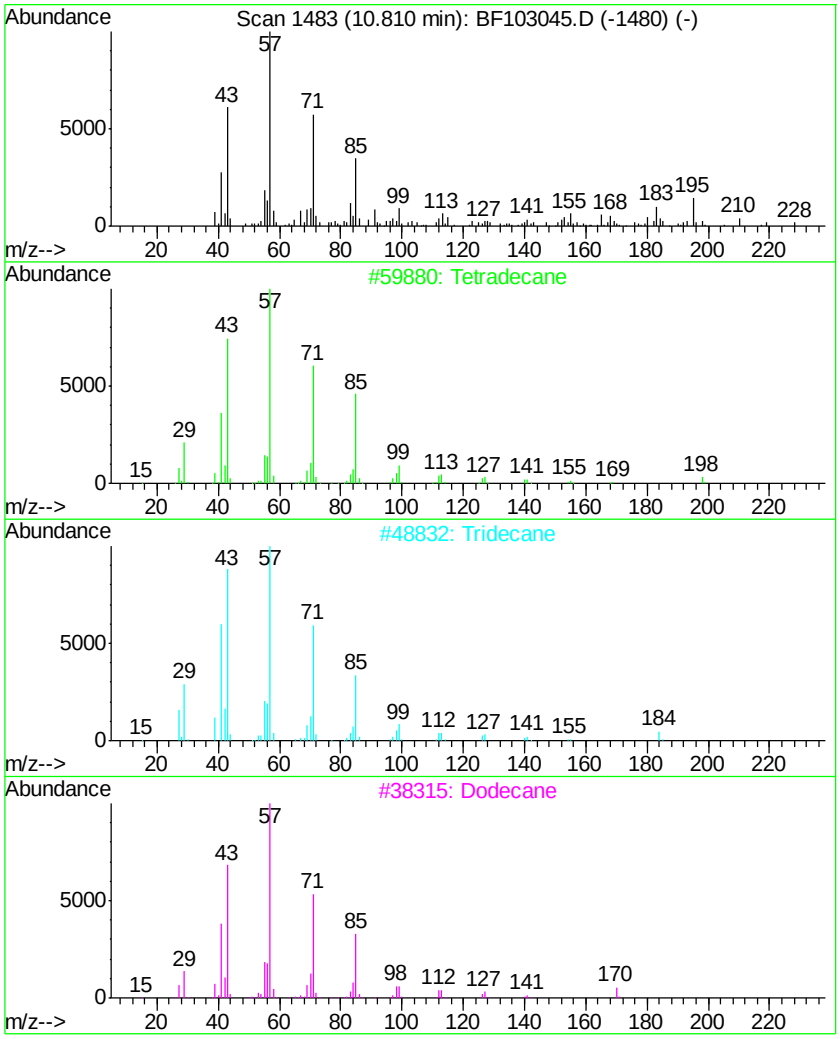
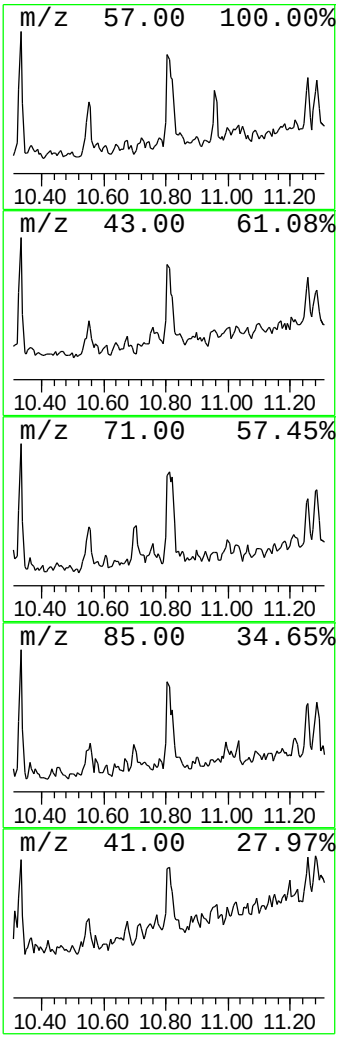
Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	3.27 ng	240362	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Tridecane	184	C13H28	000629-50-5	86
3	Dodecane	170	C12H26	000112-40-3	58
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	52
5	Decane, 3-methyl-	156	C11H24	013151-34-3	52





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Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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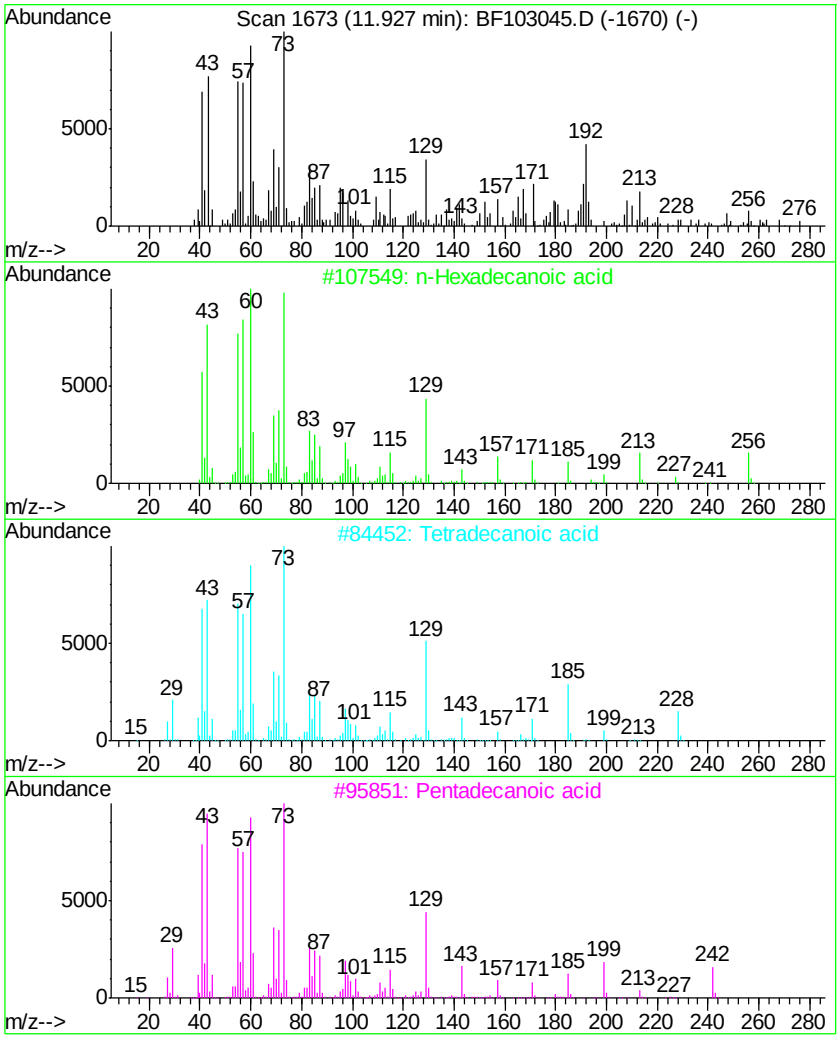
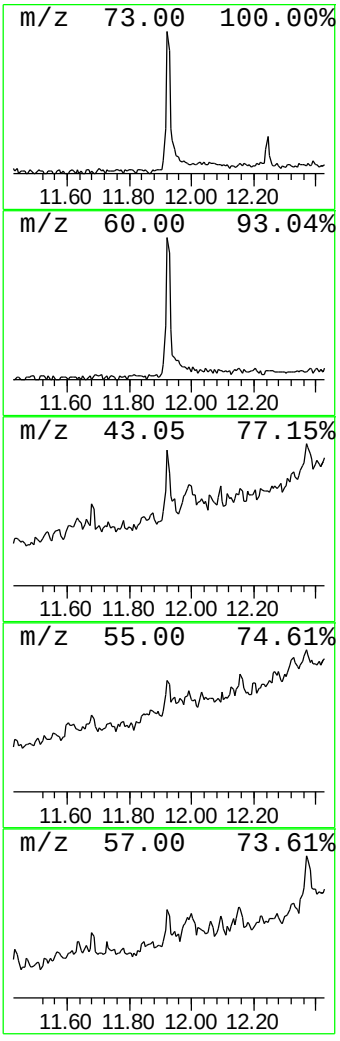
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.70 ng	271635	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	55
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4	Tridecanoic acid	214	C13H26O2	000638-53-9	45
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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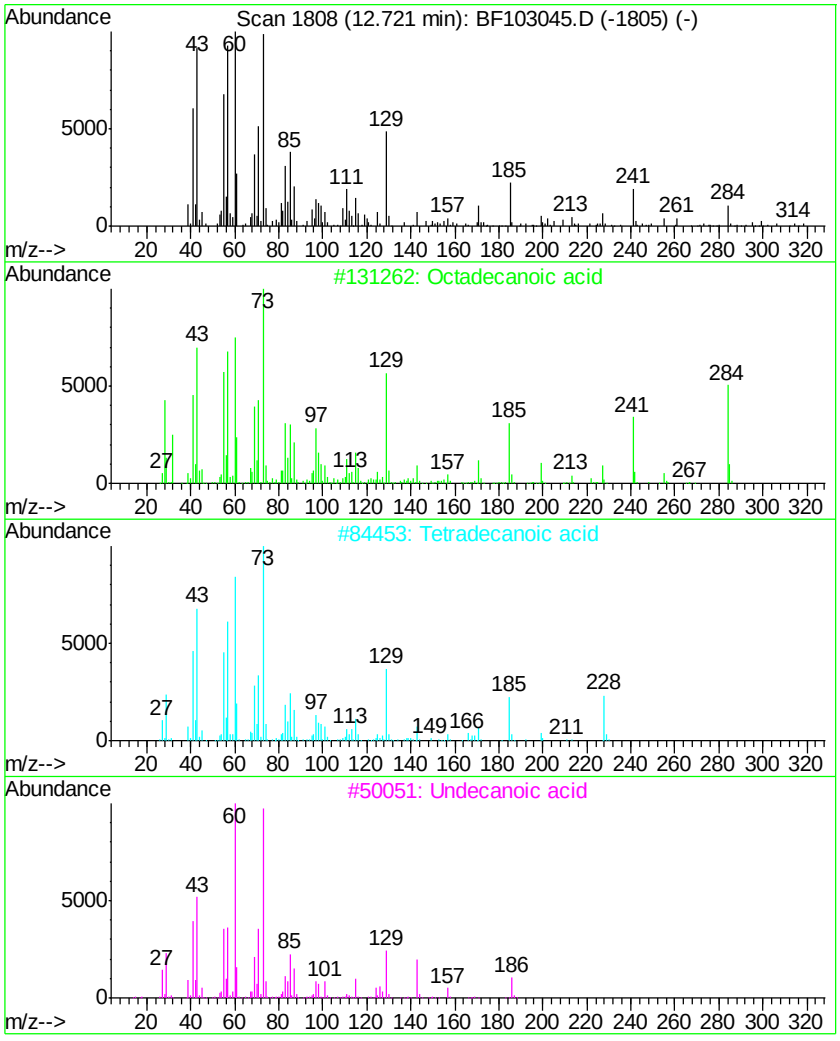
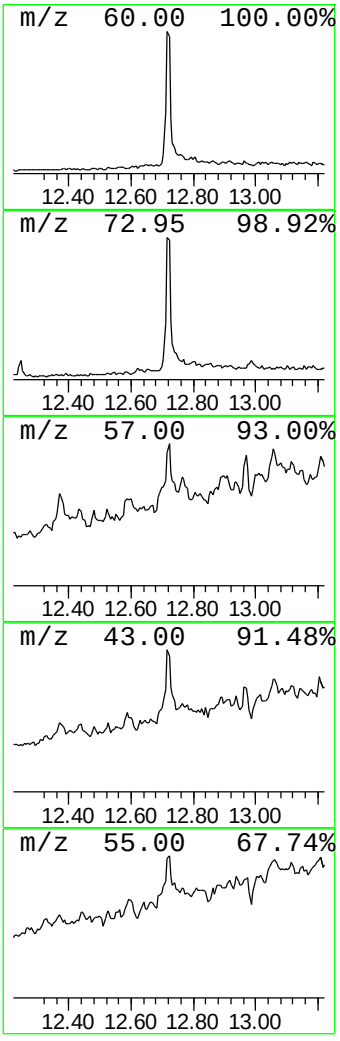
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.73 ng	347695	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Undecanoic acid	186	C11H22O2	000112-37-8	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





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Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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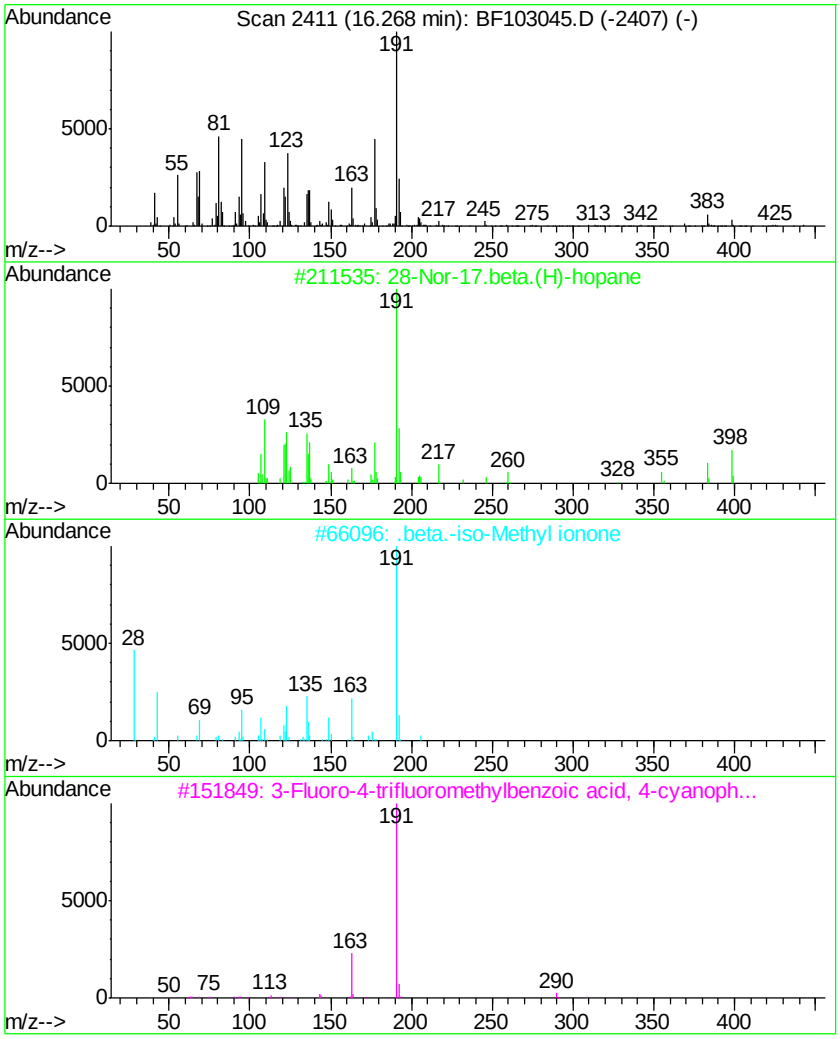
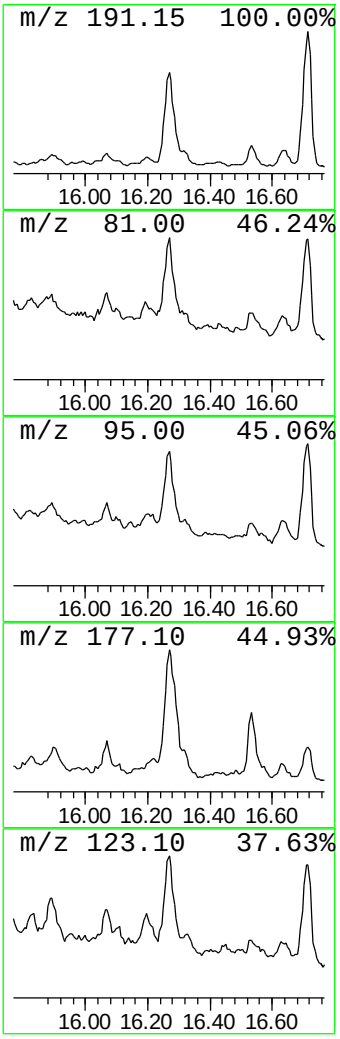
Peak Number 7 28-Nor-17.beta.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	20.00 ng	2048730	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	58
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3	3-Fluoro-4-trifluoromethylbenzoi...	309	C15H7F4NO2	1000357-94-5	27
4	2-Fluoro-6-trifluoromethylbenzoi...	290	C14H14F4O2	1000357-69-3	27
5	2-Fluoro-3-trifluoromethylbenzoi...	309	C15H7F4NO2	1000357-65-1	27





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Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

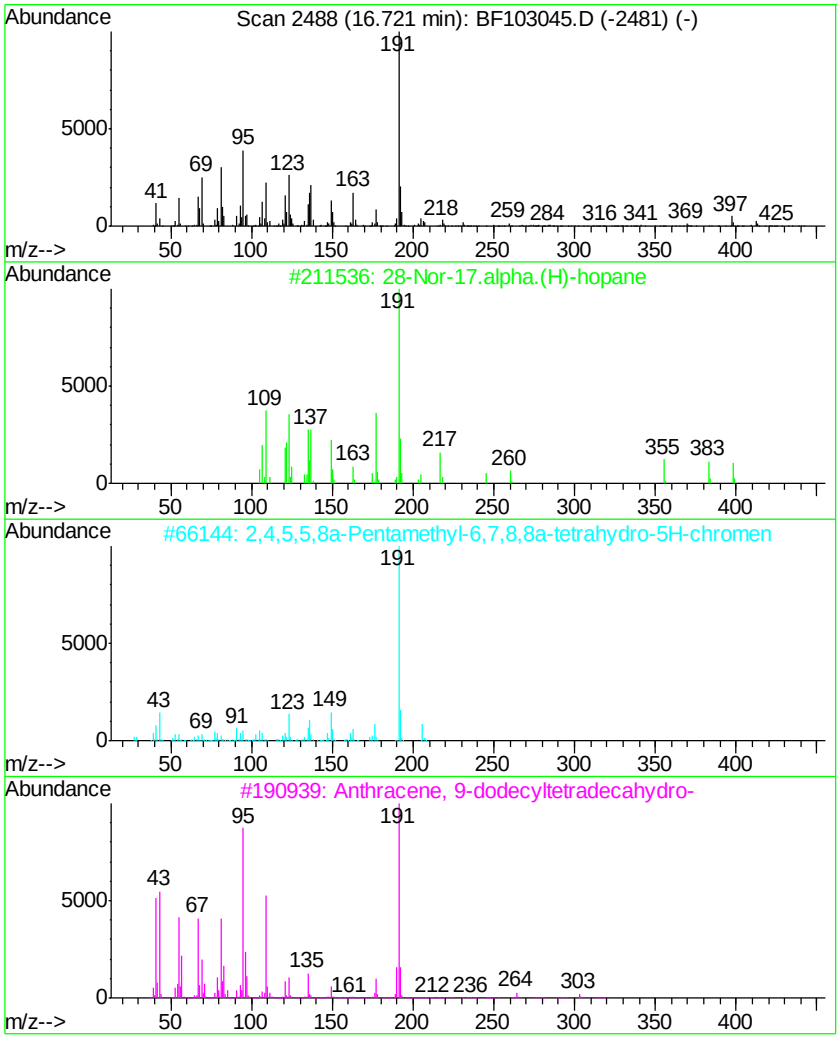
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

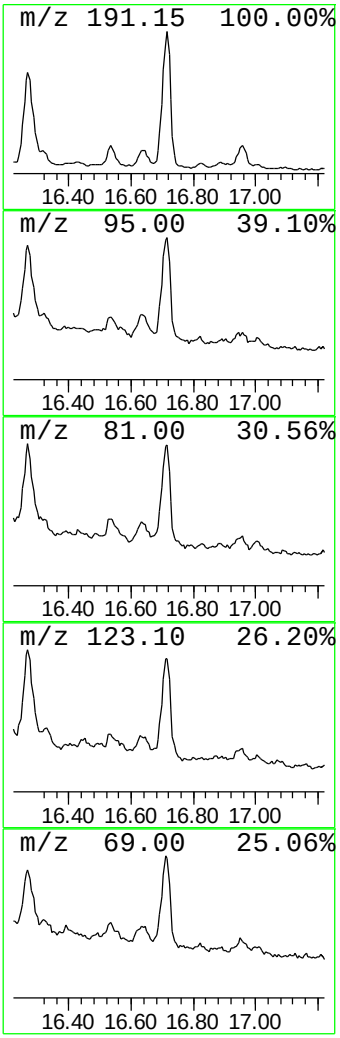
****

Peak Number 8 28-Nor-17.alpha.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	25.26 ng	2587110	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
5	Silane, dimethyl(dimethyl(dodec-...	374	C19H42O3Si2	1000348-07-2	27





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103045.D
Acq On : 16 Feb 2018 12:05
Operator : SJ/JU
Sample : J1540-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-SW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.15	11.3	ng	688076	1	6.87	1217120	20.0
unknown6.65	6.65	35.4	ng	2155200	1	6.87	1217120	20.0
Tetradecane	10.81	3.3	ng	240362	4	11.40	1469490	20.0
n-Hexadecanoic acid	11.93	3.7	ng	271635	4	11.40	1469490	20.0
Octadecanoic acid	12.72	4.7	ng	347695	4	11.40	1469490	20.0
28-Nor-17.beta.(H...	16.27	20.0	ng	2048730	6	15.56	2048730	20.0
28-Nor-17.alpha.(...	16.72	25.3	ng	2587110	6	15.56	2048730	20.0