LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.552	109	113	118	rBV	71817	88882	5.26%	0.379%
2	4.658	299	301	307	rVB3	23873	30500	1.80%	0.130%
3	4.758	311	318	322	rVV5	15502	28698	1.70%	0.122%
4	6.699	642	648	664	rBV	242447	591855	35.01%	2.526%
5	6.828	664	670	680	rVV	197057	338204	20.01%	1.443%
6	7.022	696	703	710	rBV	321026	559325	33.09%	2.387%
7	7.475	773	780	794	rBV	434399	746724	44.17%	3.187%
8	8.222	901	907	924	rBV2	273791	610979	36.14%	2.608%
9	8.640	971	978	989	rBV	317612	615395	36.40%	2.626%
10	8.999	1036	1039	1045	rVB3	19174	27499	1.63%	0.117%
11	9.357	1092	1100	1115	rBV2	283663	590987	34.96%	2.522%
12	9.916	1188	1195	1210	rBV2	286951	748094	44.25%	3.193%
13	10.246	1238	1251	1258	rBV	630469	1140177	67.45%	4.866%
14	10.434	1277	1283	1293	rBV5	48529	140073	8.29%	0.598%
15	11.663	1487	1492	1497	rBV6	18881	27475	1.63%	0.117%
16	11.928	1531	1537	1543	rBV3	37990	70643	4.18%	0.302%
17	12.151	1572	1575	1579	rBV4	19335	28509	1.69%	0.122%
18	12.945	1706	1710	1714	rVB5	24856	33847	2.00%	0.144%
19	13.004	1714	1720	1725	rBV7	20867	37609	2.22%	0.161%
20	13.110	1732	1738	1743	rBV7	30168	51027	3.02%	0.218%
21	13.251	1756	1762	1766	rBV6	37784	54014	3.20%	0.231%
22	13.310	1766	1772	1777	rVV7	22652	55273	3.27%	0.236%
23	13.375	1778	1783	1787	rVV2	183977	271529	16.06%	1.159%
24	13.422	1787	1791	1802	rVB6	170624	336167	19.89%	1.435%
25	13.516	1802	1807	1809	rBV3	34479	52675	3.12%	0.225%
26	13.563	1810	1815	1820	rVV	731130	1049532	62.08%	4.479%
27	13.616	1820	1824	1831	rVB	118661	185969	11.00%	0.794%
28	13.834	1851	1861	1870	rBV	774449	1241204	73.42%	5.297%
29	14.039	1889	1896	1903	rBV4	58798	121285	7.17%	0.518%
30	14.139	1907	1913	1920	rBV2	902262	1367433	80.89%	5.836%
31	14.463	1960	1968	1979	rBV3	148223	461471	27.30%	1.970%
32	14.598	1986	1991	1995	rVB7	29648	49421	2.92%	0.211%
33	14.828	2026	2030	2033	rBV6	20321	32451	1.92%	0.138%
34	14.945	2043	2050	2054	rBV9	26016	50668	3.00%	0.216%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

35	14.998	2054	2059	2063	rVB3	70626	97561	5.77%	0.416%
36	15.145	2078	2084	2095	rBV	916133	1399188	82.77%	5.972%
37	15.333	2110	2116	2123	rBV2	224470	400201	23.67%	1.708%
38	15.428	2127	2132	2138	rVB	429696	626448	37.06%	2.674%
39	15.633	2162	2167	2171	rBV8	37725	54466	3.22%	0.232%
40	15.863	2202	2206	2215	rBV5	64619	140047	8.28%	0.598%
41	16.663	2338	2342	2345	rBV6	44196	60195	3.56%	0.257%
42	16.822	2366	2369	2375	rBV8	35383	69218	4.09%	0.295%
43	16.910	2378	2384	2388	rVV	1095075	1601954	94.76%	6.837%
44	16.951	2388	2391	2395	rVV	264320	342081	20.24%	1.460%
45	17.010	2395	2401	2411	rVB	1007747	1501319	88.81%	6.408%
46	17.404	2463	2468	2474	rBV10	49978	96943	5.73%	0.414%
47	17.786	2530	2533	2535	rBV2	109728	131629	7.79%	0.562%
48	17.816	2535	2538	2549	rVB2	408910	782669	46.30%	3.340%
49	19.110	2755	2758	2765	rBV7	179453	295635	17.49%	1.262%
50	19.251	2780	2782	2789	rVB4	184070	183861	10.88%	0.785%
51	19.321	2790	2794	2806	rVB3	1120622	1690508	100.00%	7.215%
52	20.198	2940	2943	2947	rBV2	494808	556385	32.91%	2.375%
53	20.833	3049	3051	3056	rVB2	337078	338204	20.01%	1.443%
54	21.127	3098	3101	3105	rVB	1062374	1226227	72.54%	5.234%

Sum of corrected areas: 23430333

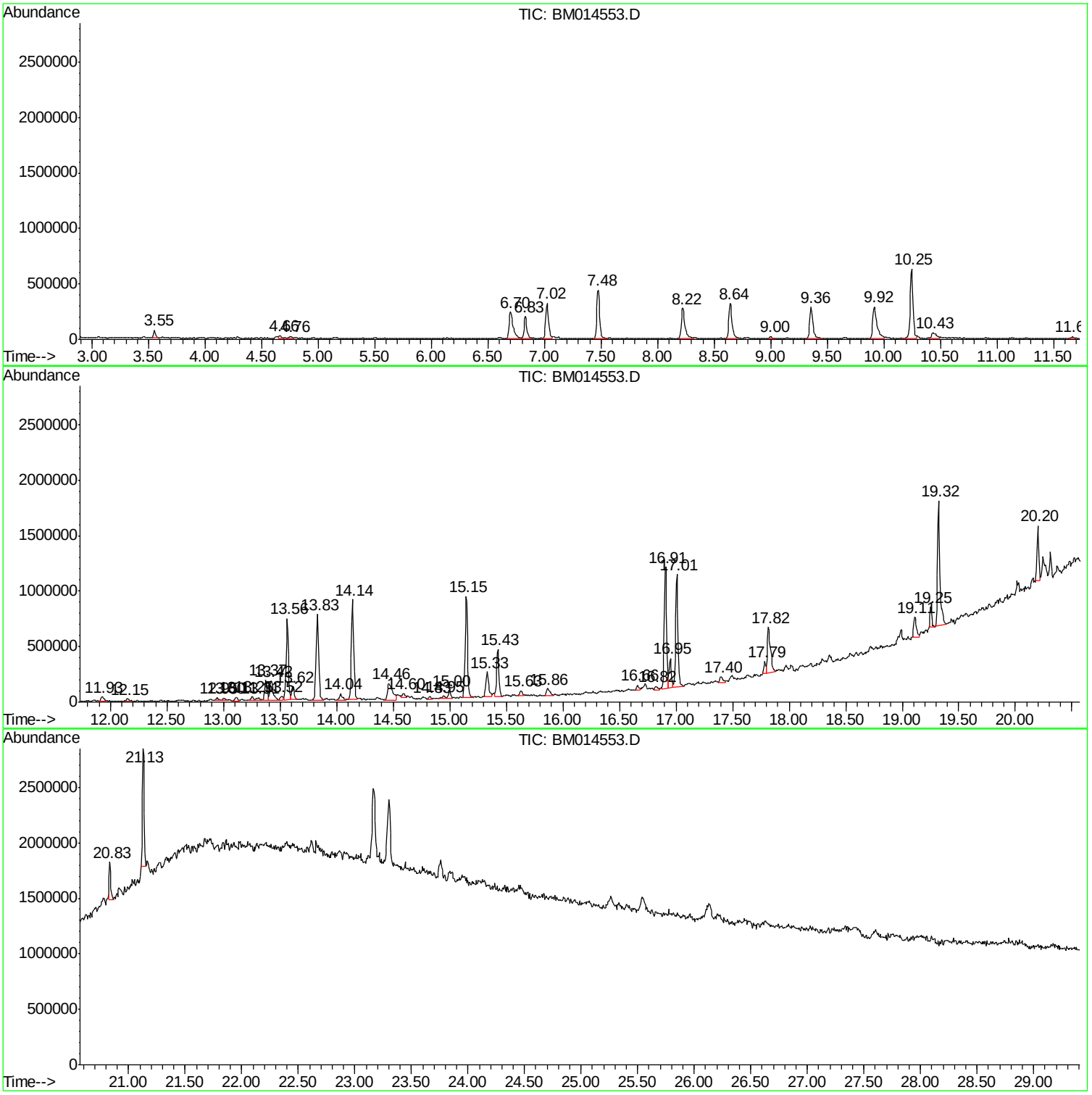
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

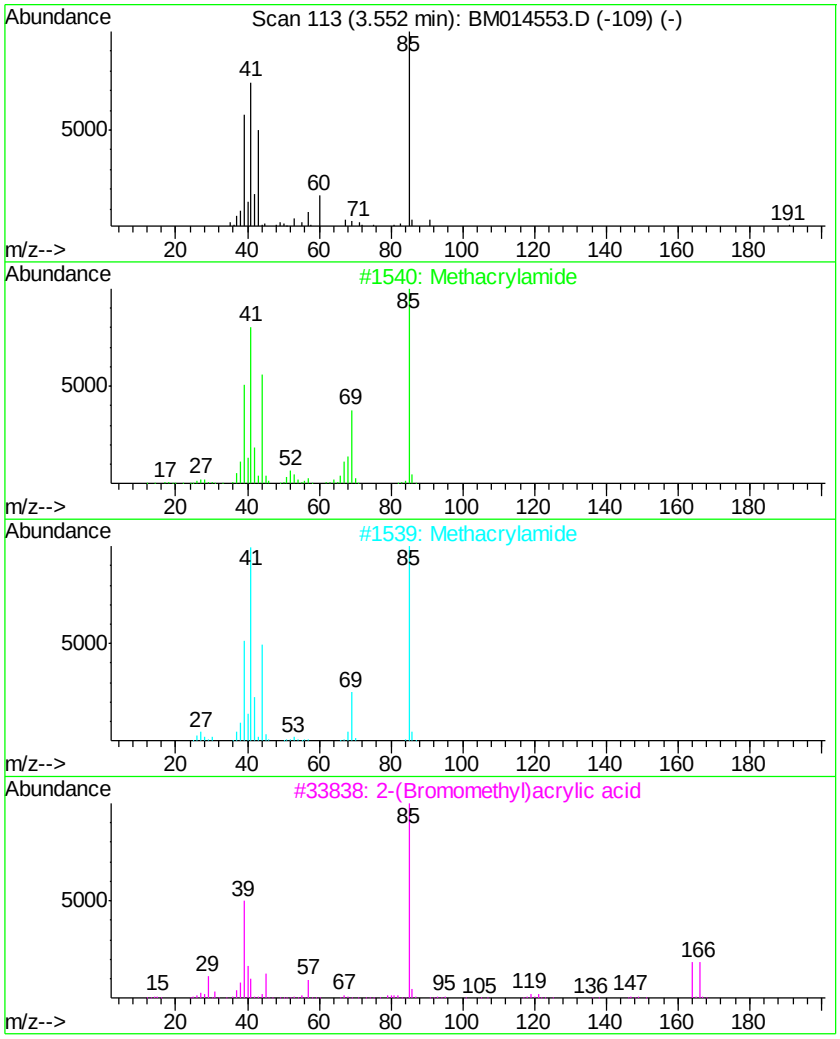
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

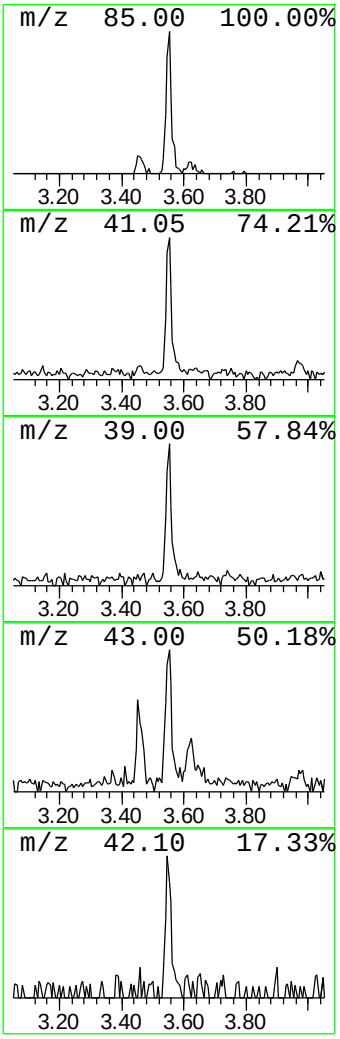
****

Peak Number 1 Methacrylamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	2.38 ng/ul	88882	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	80
2	Methacrylamide	85	C4H7NO	000079-39-0	58
3	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	53
4	Methacrylamide	85	C4H7NO	000079-39-0	50
5	4-Methoxy-3-buten-2-one	100	C5H8O2	004652-27-1	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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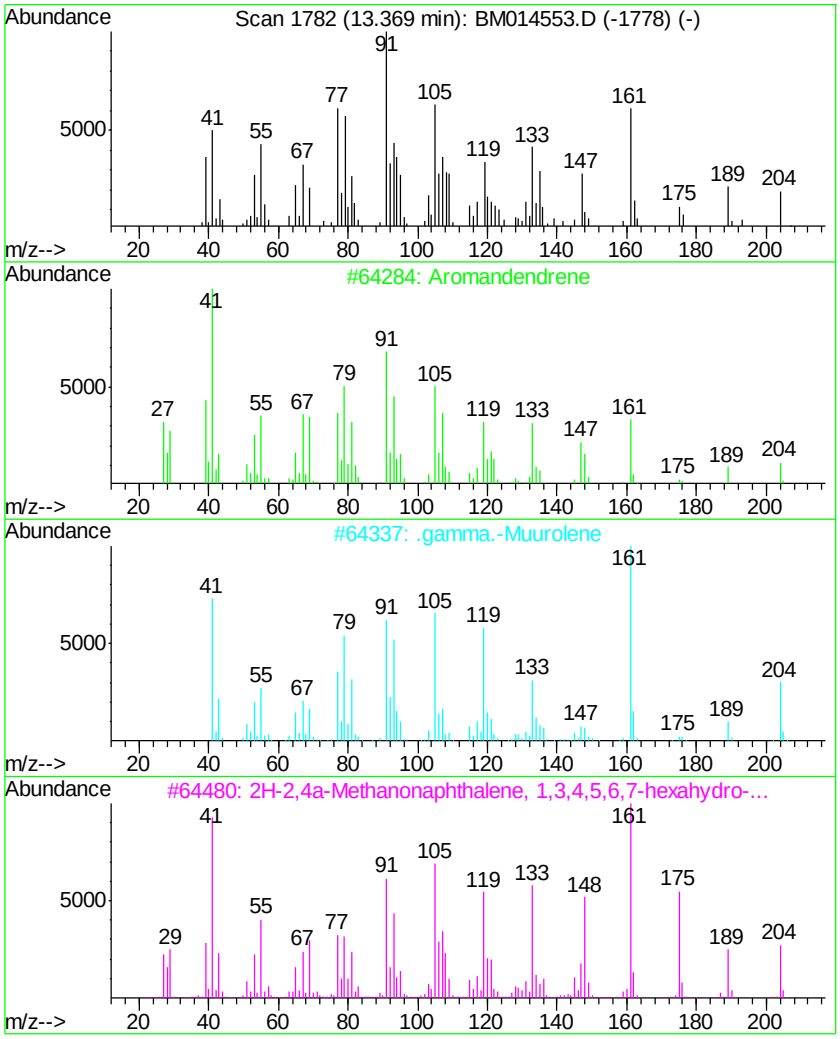
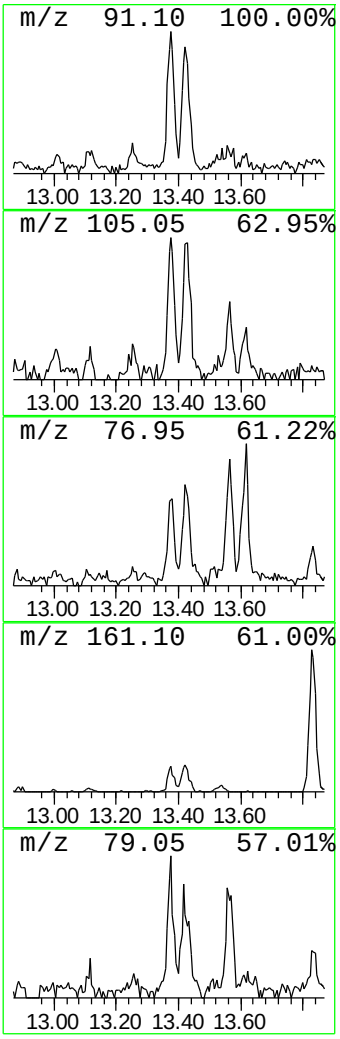
Peak Number 2 Aromandendrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.97 ng/ul	271529	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aromandendrene	204	C15H24	000489-39-4	90
2	.gamma.-Muurolene	204	C15H24	030021-74-0	87
3	2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	86
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	86
5	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	70





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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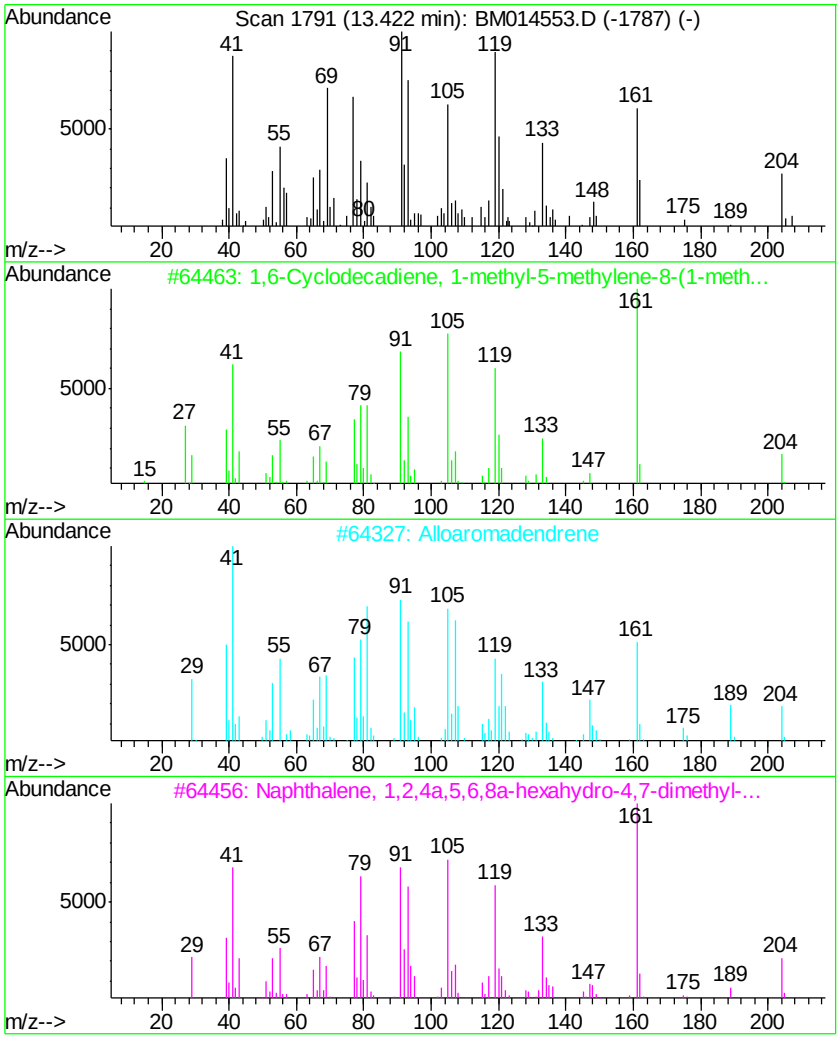
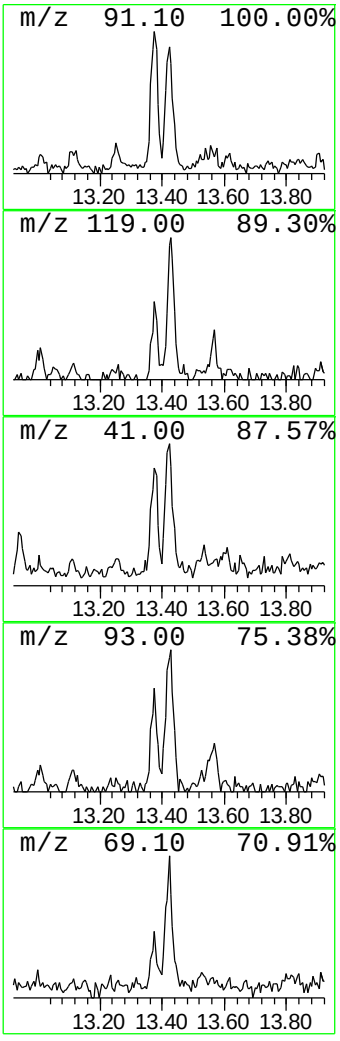
Peak Number 3 1,6-Cyclodecadiene, 1-methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.92 ng/ul	336167	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	83
2	Alloaromadendrene	204	C15H24	025246-27-9	68
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	68
4	Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	60
5	(E)-.beta.-Famesene	204	C15H24	018794-84-8	49





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

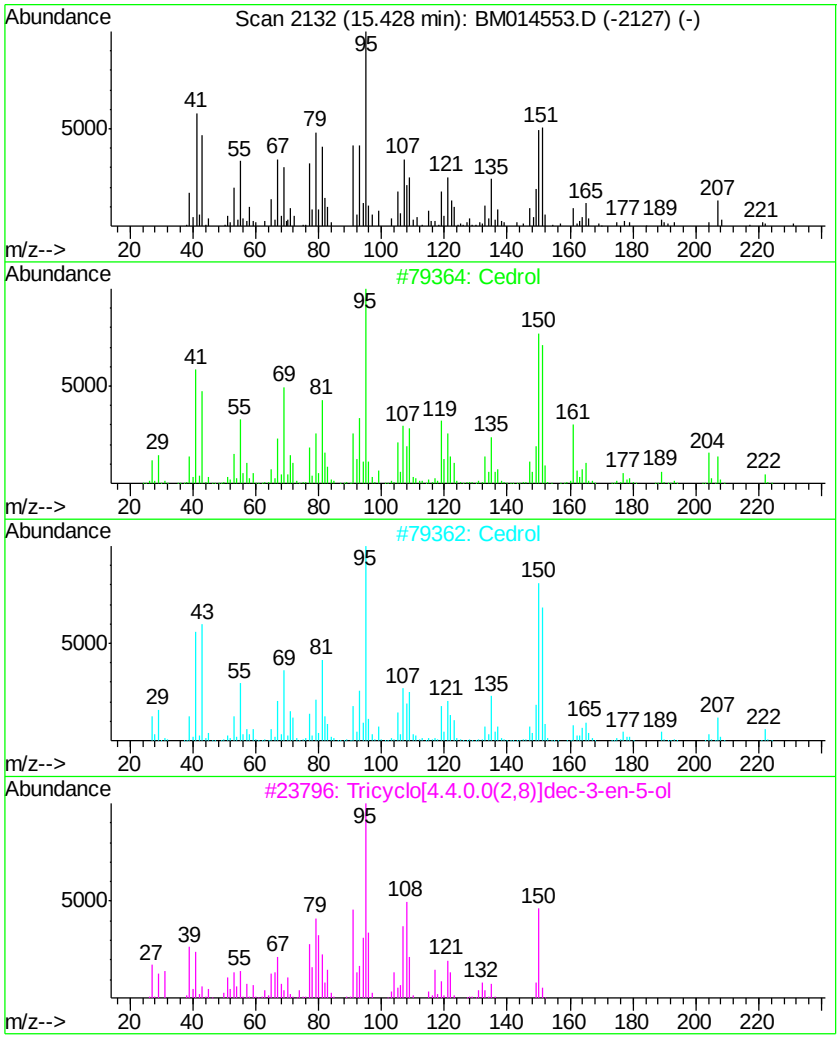
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

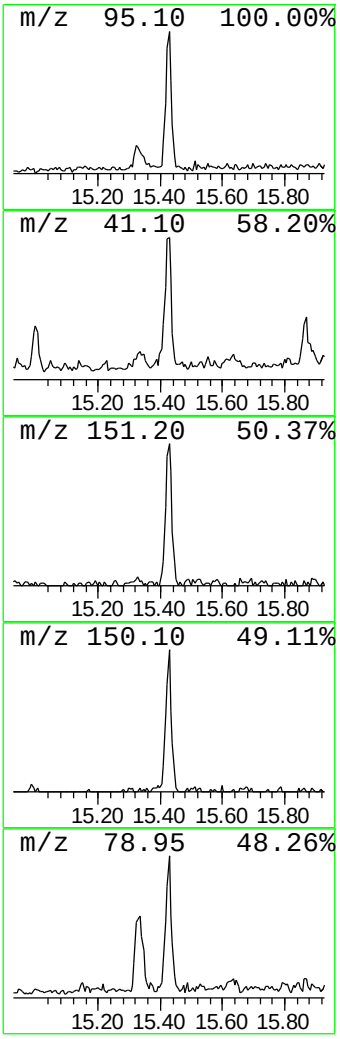
****

Peak Number 4 Cedrol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	9.16 ng/ul	626448	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	52
2	Cedrol	222	C15H26O	000077-53-2	52
3	Tricyclo[4.4.0.0(2,8)]dec-3-en-5-ol	150	C10H14O	1000193-38-7	46
4	Cedrol	222	C15H26O	000077-53-2	43
5	1,5-Hexadiene, 2,5-dimethyl-3-me...	122	C9H14	059131-13-4	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

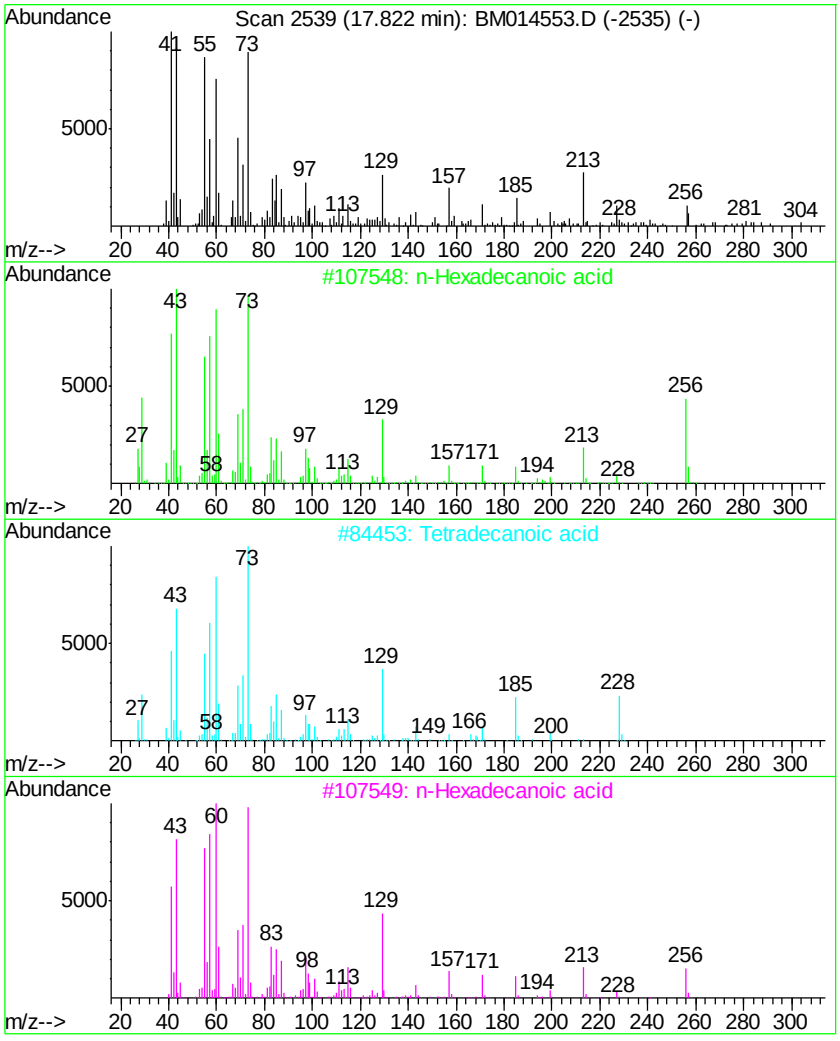
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

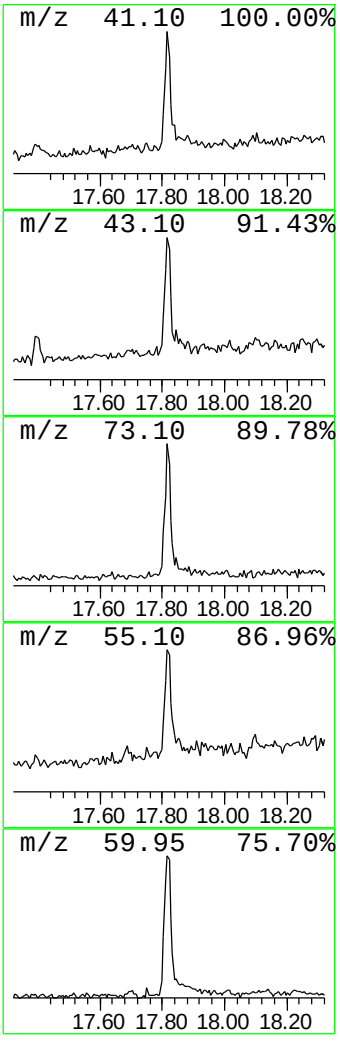
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	9.77 ng/ul	782669	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

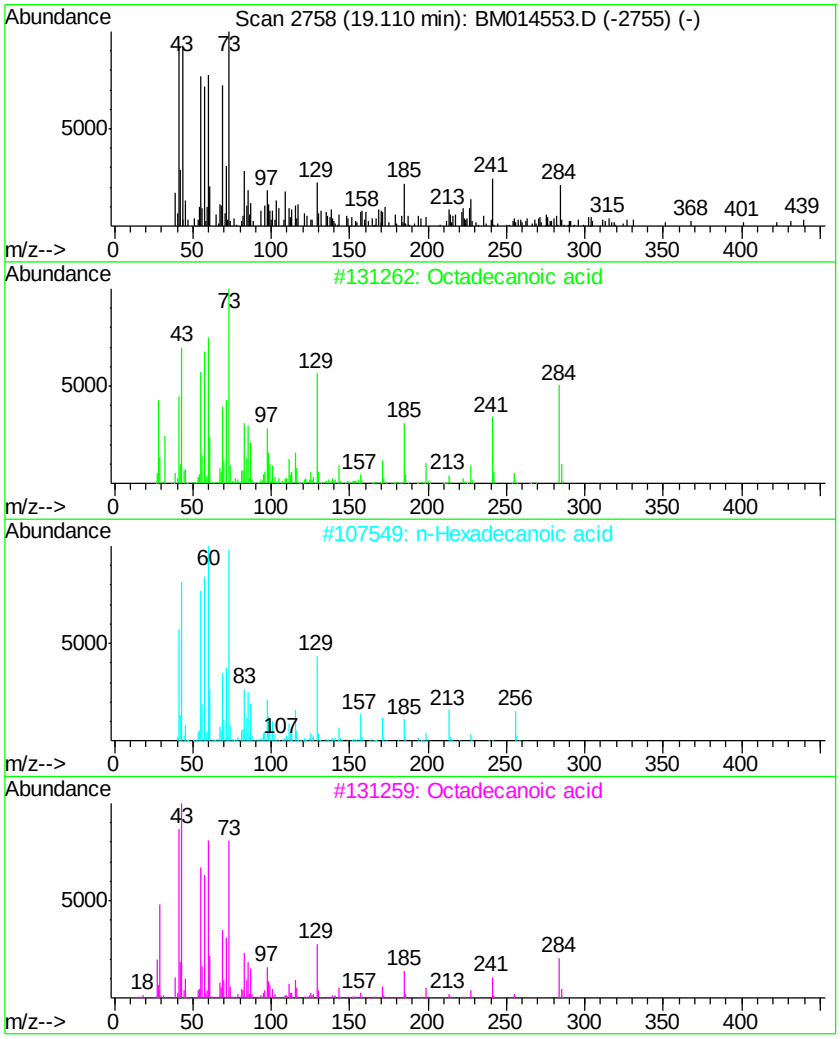
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

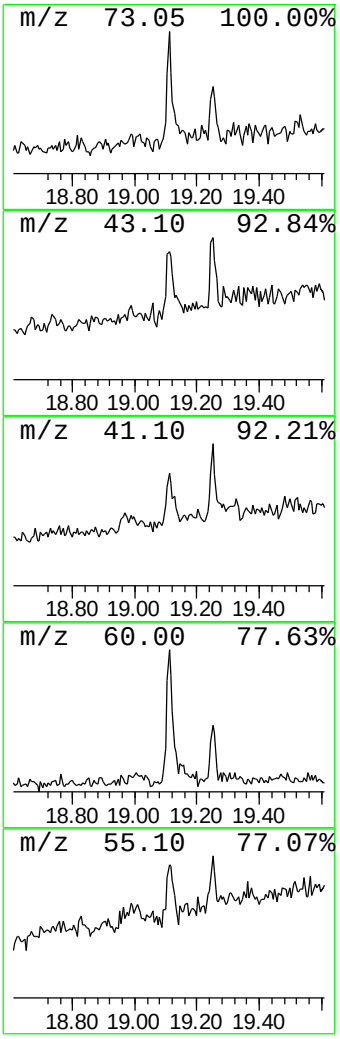
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	4.82 ng/ul	295635	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	86
4	Tetracosanoic acid	368	C24H48O2	000557-59-5	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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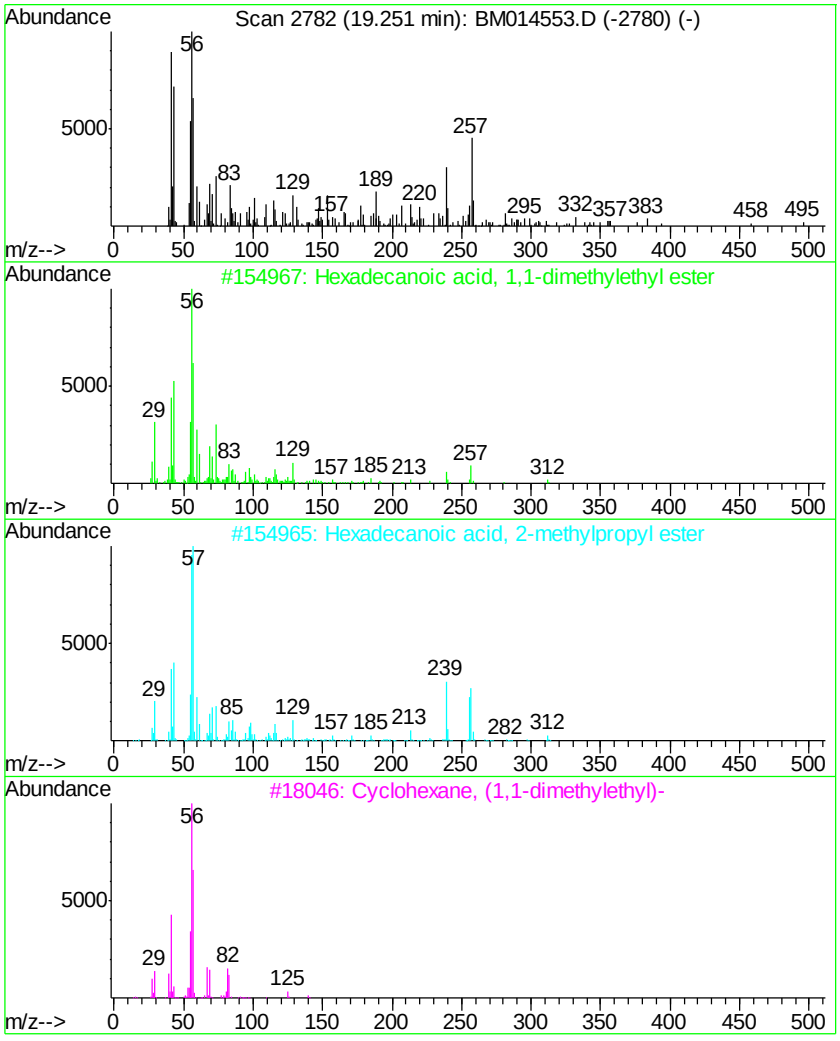
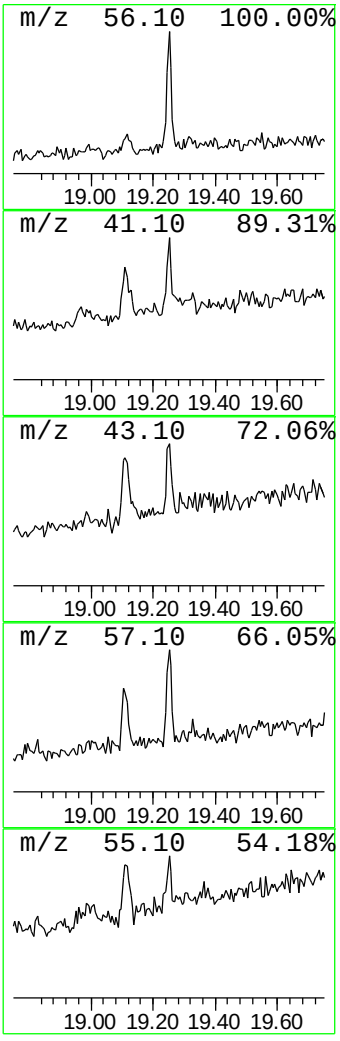
Peak Number 7 Hexadecanoic acid, 1,1-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	3.00 ng/ul	183861	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	59
3	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	25
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	25
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

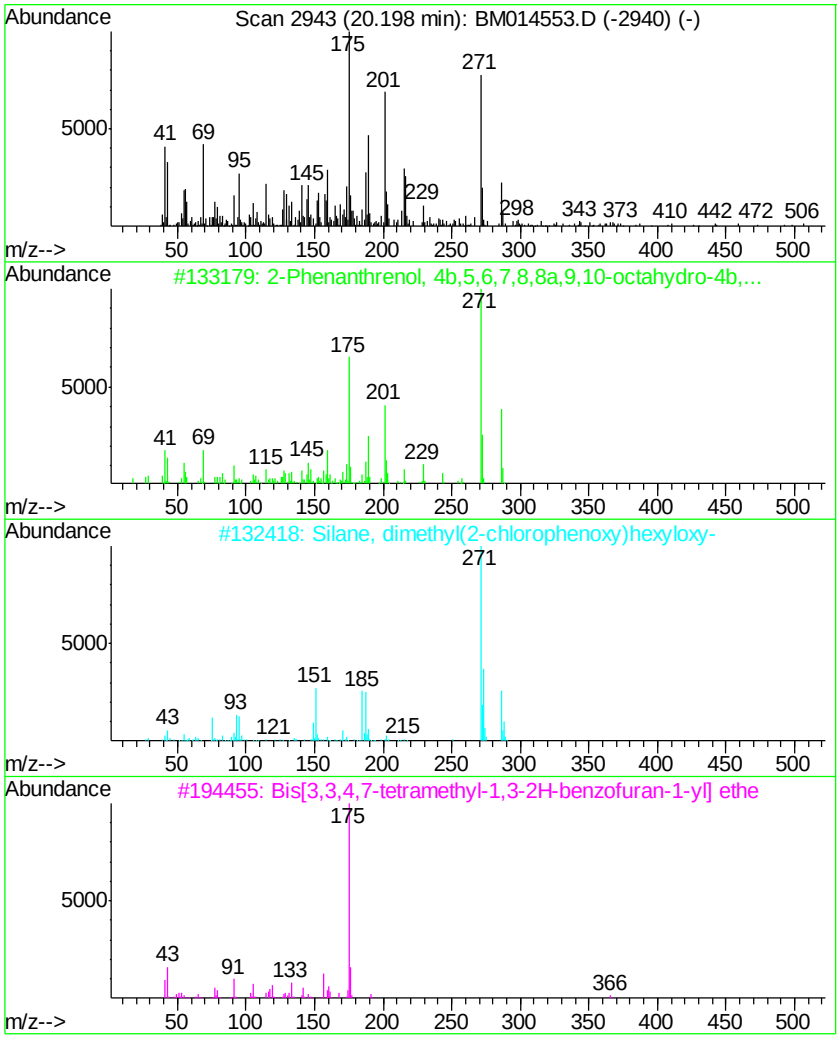
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

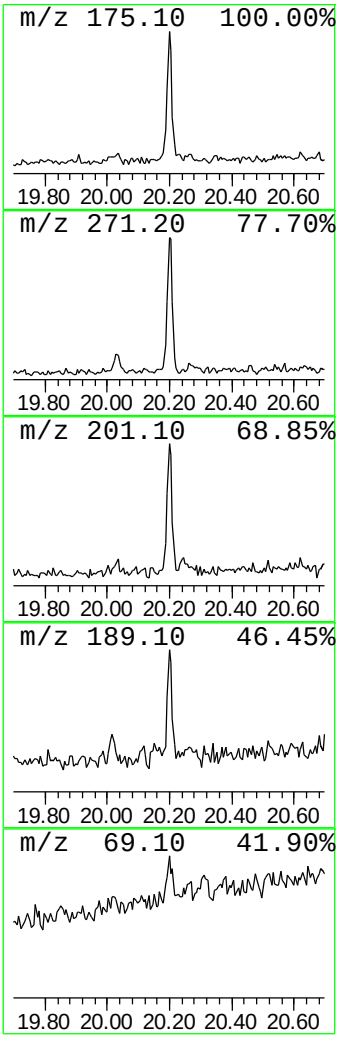
****

Peak Number 8 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	9.07 ng/ul	556385	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	93
2	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	30
3	Bis[3,3,4,7-tetramethyl-1,3-2H-b...	366	C24H30O3	146950-82-5	25
4	2-Nonylquinolin-4-ol, 1-oxide	287	C18H25NO2	000316-66-5	25
5	Morphinan-6-ol, 4,5-epoxy-N-meth...	271	C17H21NO2	055592-68-2	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

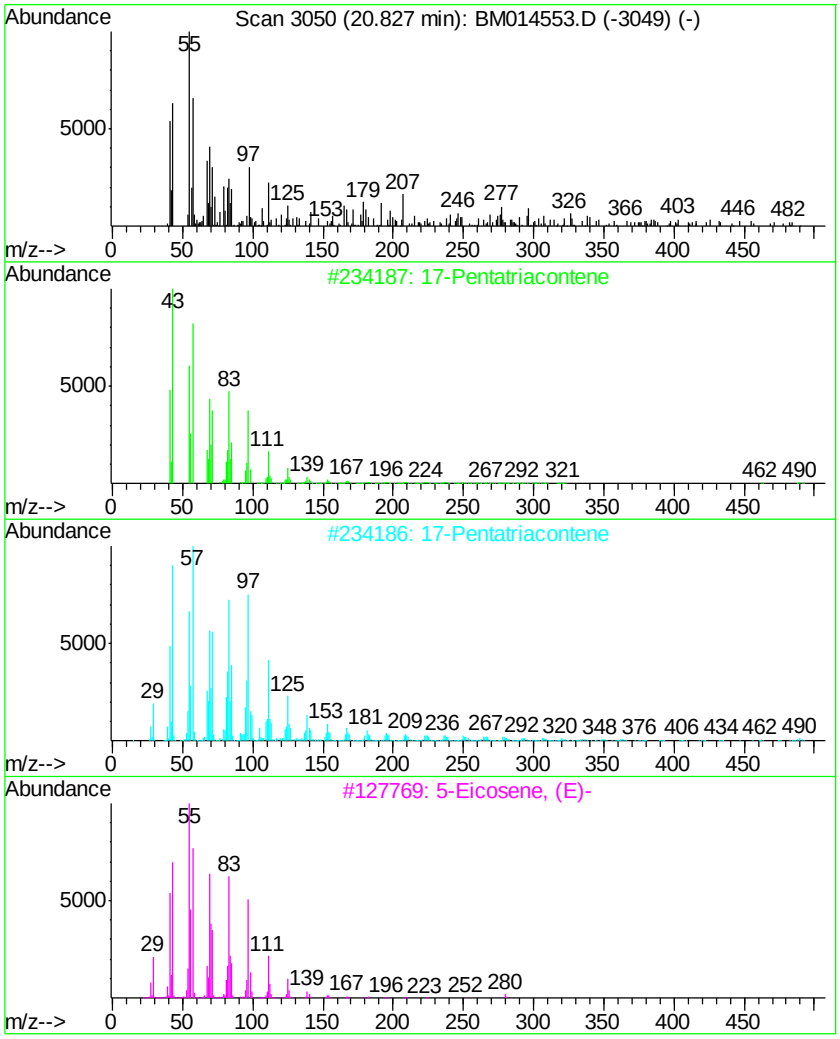
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

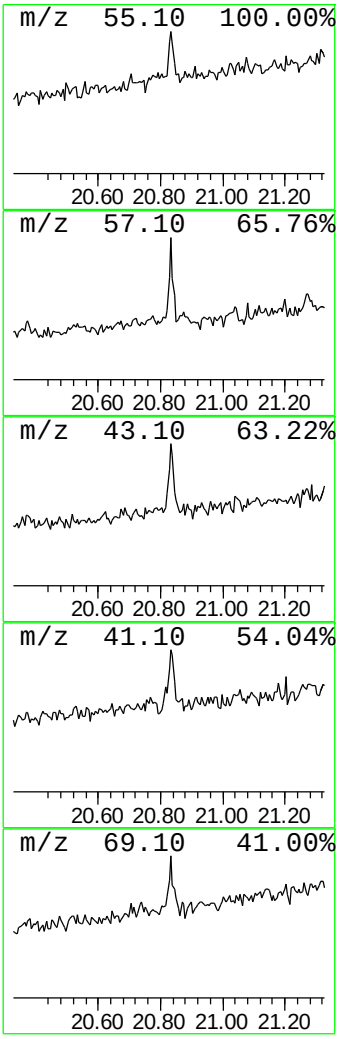
****

Peak Number 9 (DEL) Alkane: Cyclic20.83 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.52 ng/ul	338204	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	94
2	17-Pentatriacontene	491	C35H70	006971-40-0	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031318\
Data File : BM014553.D
Acq On : 13 Mar 2018 21:15
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA 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
Methacrylamide	3.55	2.4	ng/ul	88882	1	7.48	746724	20.0
Aromandendrene	13.37	4.0	ng/ul	271529	3	14.14	1367430	20.0
1,6-Cyclodecadien...	13.42	4.9	ng/ul	336167	3	14.14	1367430	20.0
Cedrol	15.43	9.2	ng/ul	626448	3	14.14	1367430	20.0
n-Hexadecanoic acid	17.82	9.8	ng/ul	782669	4	16.90	1601950	20.0
Octadecanoic acid	19.11	4.8	ng/ul	295635	5	21.13	1226230	20.0
Hexadecanoic acid...	19.25	3.0	ng/ul	183861	5	21.13	1226230	20.0
2-Phenanthrenol, ...	20.20	9.1	ng/ul	556385	5	21.13	1226230	20.0
(DEL) Alkane: Cyc...	20.83	5.5	ng/ul	338204	5	21.13	1226230	20.0