LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

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_M\METHODS\8270-BM010919.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	5.334	376	382	391	rBV	585383	883511	5.60%	0.927%
2	6.916	647	651	663	rVB	607496	1017590	6.45%	1.068%
3	7.281	707	713	720	rVB	694305	1115959	7.07%	1.171%
4	7.746	787	792	798	rVB	1141034	1712841	10.86%	1.798%
5	8.063	839	846	854	rVB	596575	1007720	6.39%	1.058%
6	8.281	875	883	893	rVB4	110529	281388	1.78%	0.295%
7	8.563	926	931	937	rBV3	162693	354602	2.25%	0.372%
8	8.822	965	975	983	rBV6	145855	463126	2.94%	0.486%
9	8.910	984	990	999	rVV	431152	786198	4.98%	0.825%
10	9.075	1013	1018	1026	rVB8	168774	391184	2.48%	0.411%
11	9.604	1097	1108	1113	rBV6	106807	308061	1.95%	0.323%
12	9.704	1119	1125	1138	rVB9	255306	651062	4.13%	0.683%
13	10.104	1187	1193	1200	rBV9	114109	303530	1.92%	0.319%
14	10.239	1209	1216	1220	rVB5	141348	291918	1.85%	0.306%
15	10.539	1260	1267	1272	rBV	1609293	2638353	16.72%	2.769%
16	10.669	1285	1289	1294	rVB	388988	631284	4.00%	0.663%
17	10.739	1294	1301	1309	rBV10	118015	340291	2.16%	0.357%
18	10.998	1341	1345	1352	rVB4	319634	569118	3.61%	0.597%
19	11.081	1352	1359	1365	rBV8	103814	308503	1.96%	0.324%
20	11.539	1432	1437	1440	rBV	751931	1111371	7.04%	1.167%
21	11.792	1476	1480	1486	rVB4	194050	351882	2.23%	0.369%
22	11.981	1507	1512	1516	rBV7	156109	364953	2.31%	0.383%
23	12.581	1611	1614	1619	rVB7	279759	427810	2.71%	0.449%
24	12.728	1634	1639	1643	rBV6	247429	515592	3.27%	0.541%
25	12.810	1649	1653	1658	rVB3	318535	458185	2.90%	0.481%
26	12.904	1665	1669	1675	rVB	1243766	1605014	10.17%	1.685%
27	12.963	1676	1679	1683	rVV5	253666	416350	2.64%	0.437%
28	13.010	1683	1687	1693	rVB	1053266	1517126	9.62%	1.593%
29	13.151	1707	1711	1713	rBV3	373089	554992	3.52%	0.583%
30	13.733	1806	1810	1814	rBV	1182371	1585043	10.05%	1.664%
31	13.798	1817	1821	1825	rVB	708507	854956	5.42%	0.897%
32	13.857	1827	1831	1835	rVV2	2100782	2658342	16.85%	2.790%
33	14.027	1857	1860	1864	rBV4	398368	581198	3.68%	0.610%
34	14.122	1873	1876	1881	rBV5	465296	939458	5.96%	0.986%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

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_M\METHODS\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.210	1887	1891	1897	rVB2	1560357	2384514	15.11%	2.503%
36	14.292	1902	1905	1910	rVV4	563792	762413	4.83%	0.800%
37	14.351	1911	1915	1917	rVV2	957251	1485728	9.42%	1.560%
38	14.392	1918	1922	1929	rVV2	2552273	4830506	30.62%	5.071%
39	14.457	1929	1933	1940	rVB2	1785635	3592610	22.77%	3.771%
40	14.904	2005	2009	2014	rBV3	1264011	2122884	13.46%	2.228%
41	15.010	2024	2027	2030	rBV3	917649	1450742	9.20%	1.523%
42	15.174	2051	2055	2058	rBV2	1535603	2178995	13.81%	2.287%
43	15.645	2131	2135	2142	rVB	3247893	5519918	34.99%	5.794%
44	15.892	2174	2177	2183	rBV3	1389630	1961516	12.43%	2.059%
45	16.121	2212	2216	2229	rVB	8069920	13789662	87.41%	14.475%
46	16.951	2353	2357	2362	rVB	11524207	15775817	100.00%	16.560%
47	17.151	2388	2391	2396	rVB2	3532297	5239292	33.21%	5.500%
48	17.557	2457	2460	2466	rBV3	3957712	6172840	39.13%	6.480%

Sum of corrected areas: 95265948

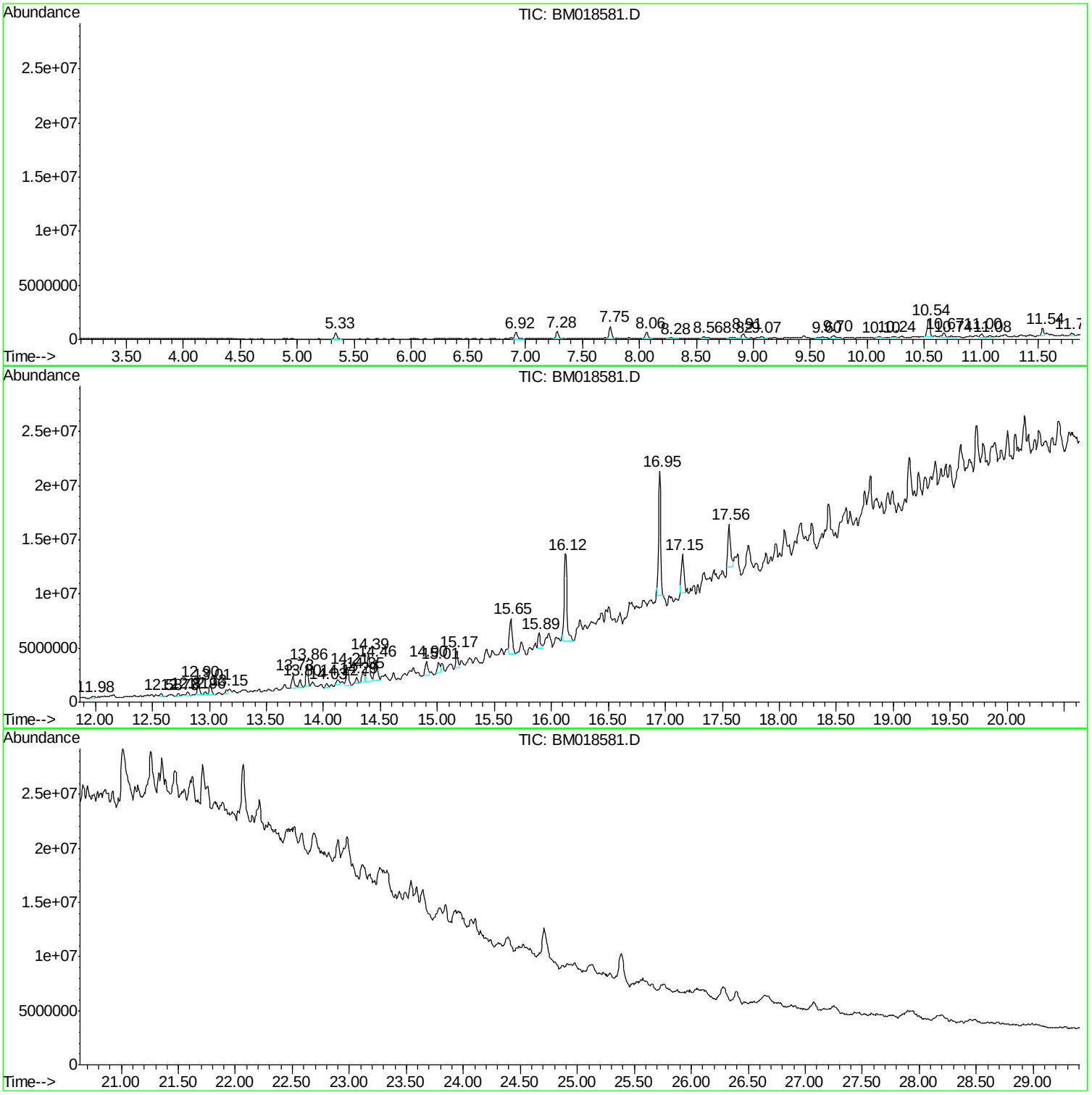
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

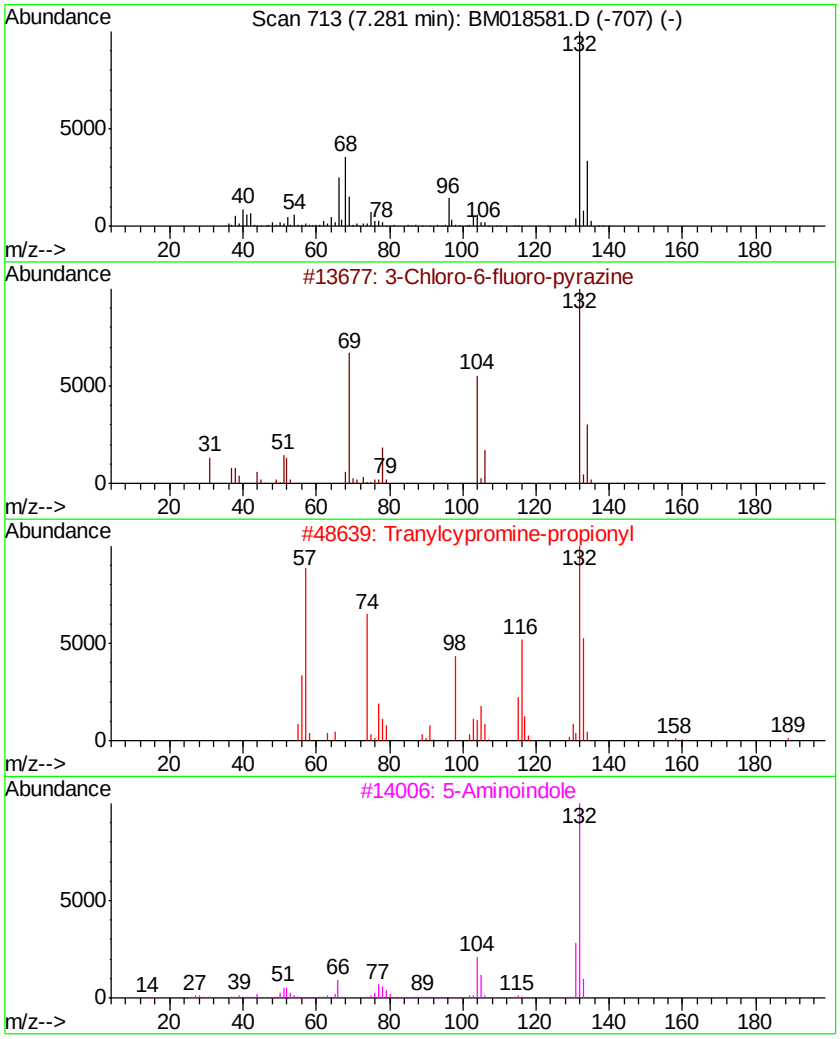
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

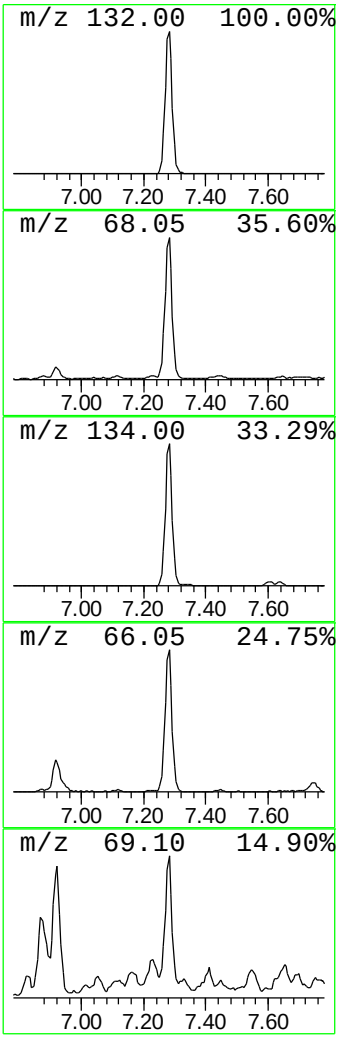
****

Peak Number 1 unknown7.28 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	13.03 ng	1115960	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

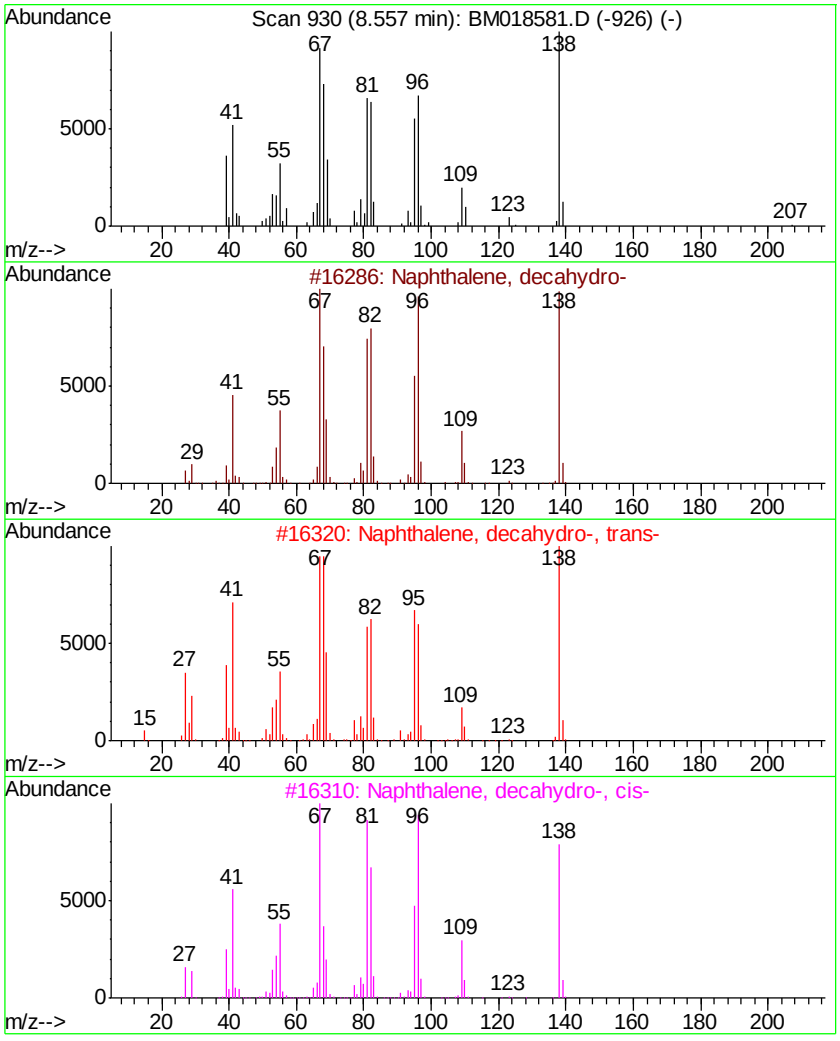
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

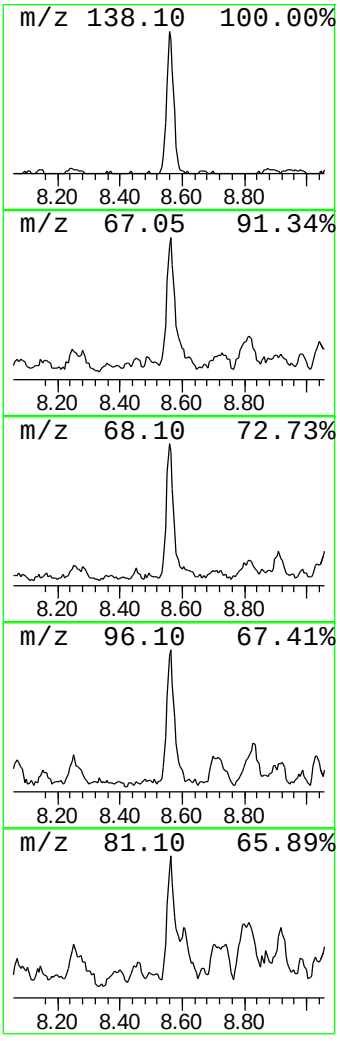
****

Peak Number 3 Naphthalene, decahydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	4.14 ng	354602	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	99
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
4	Spiro[4.5]decane	138	C10H18	000176-63-6	93
5	Cyclodecene	138	C10H18	003618-12-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

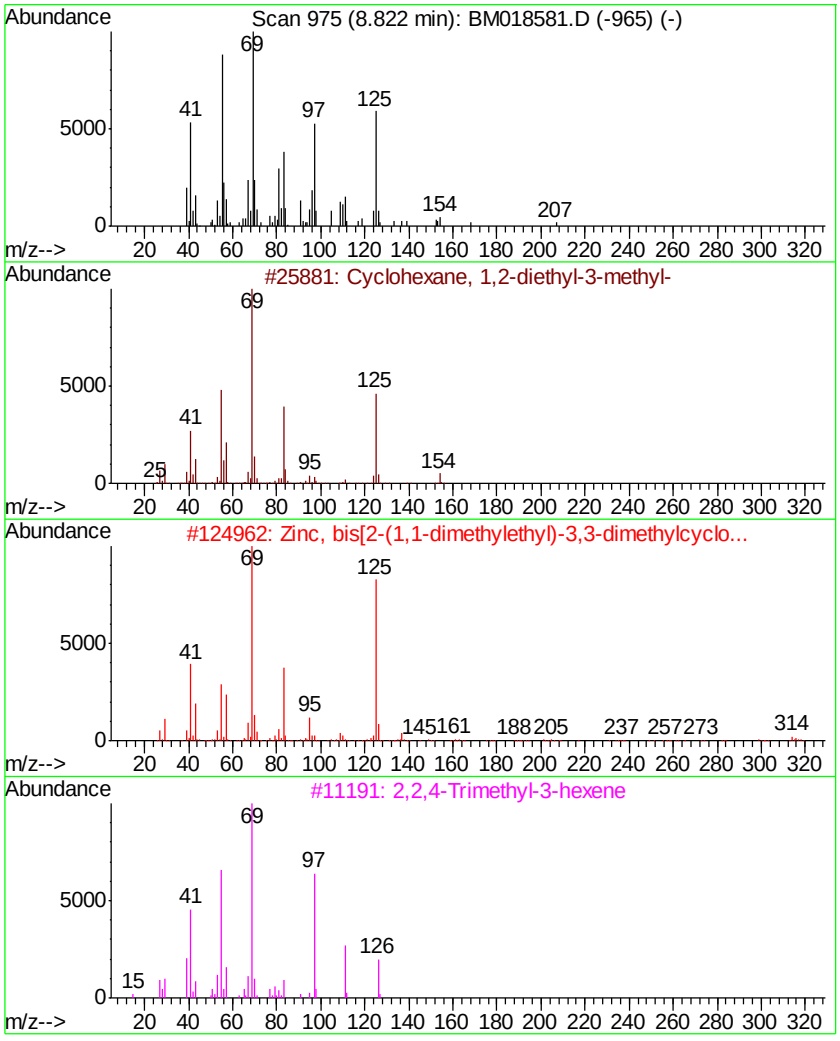
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

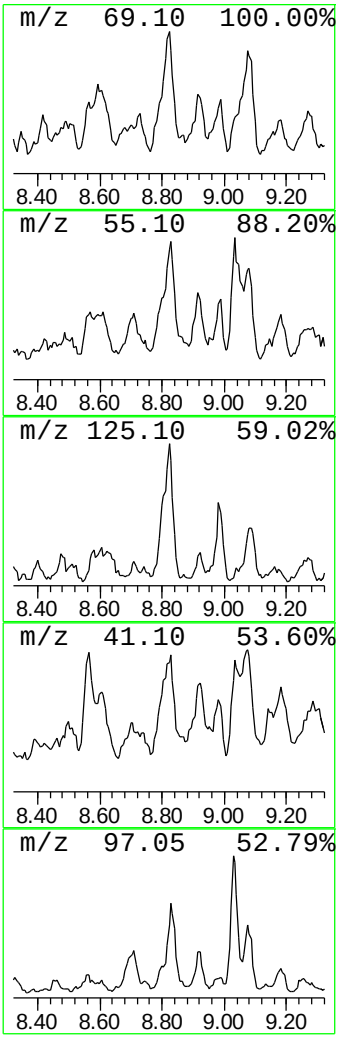
****

Peak Number 4 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	5.41 ng	463126	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	52
2	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
3	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	43
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

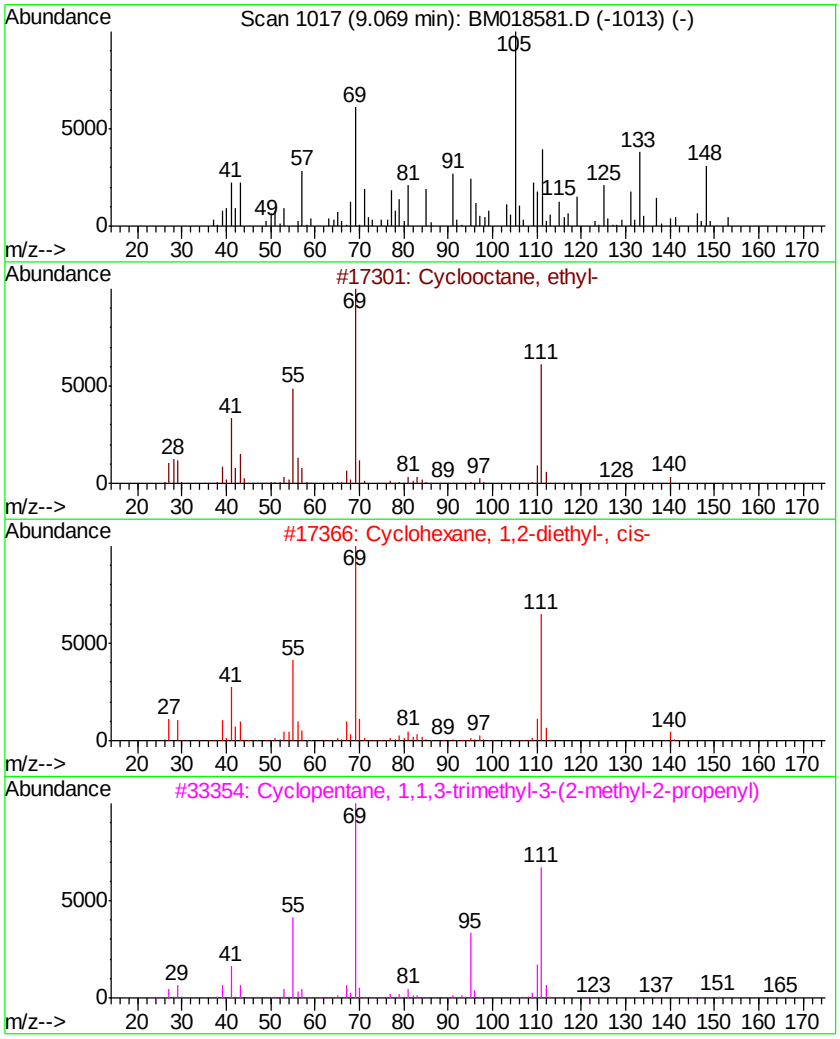
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

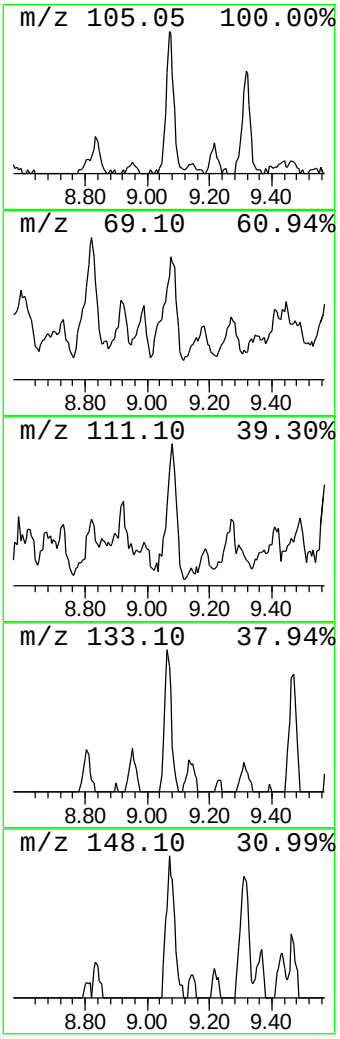
****

Peak Number 5 unknown9.07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	4.57 ng	391184	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
2	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	38
3	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	37
4	1-Pentyne, 3-methyl-3-(1-methyle...	140	C9H16O	053966-55-5	35
5	Cyclooctanemethanol	142	C9H18O	003637-63-6	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

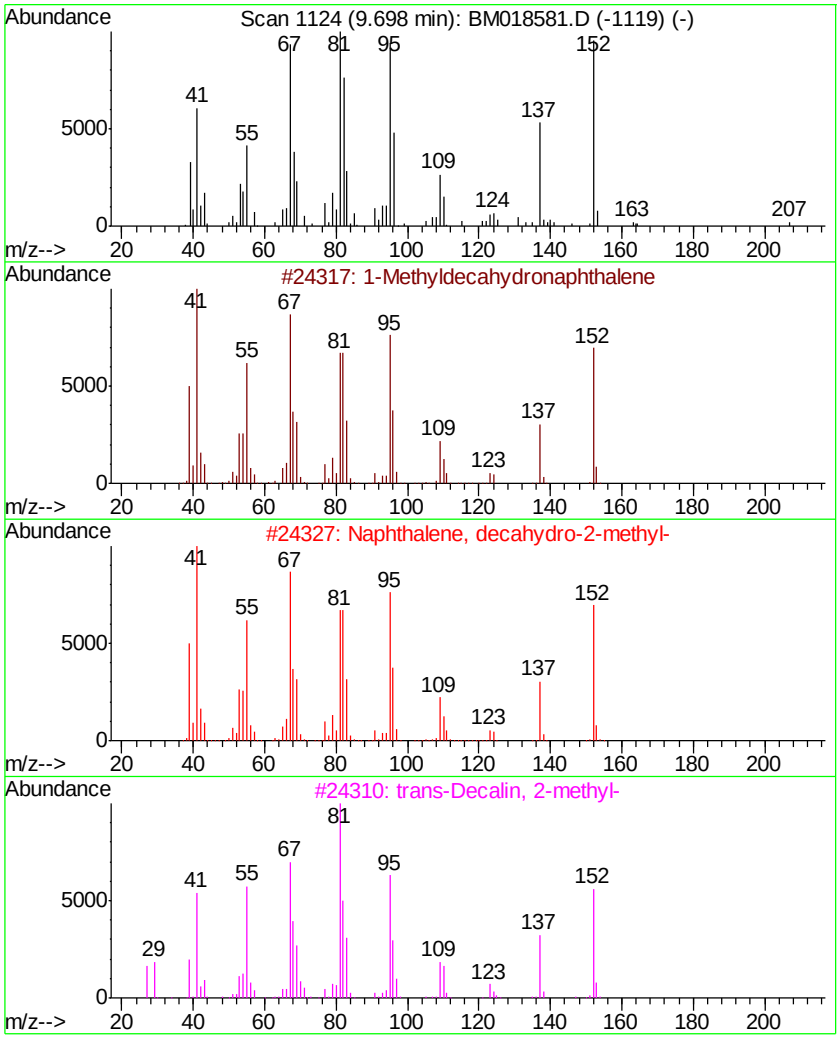
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

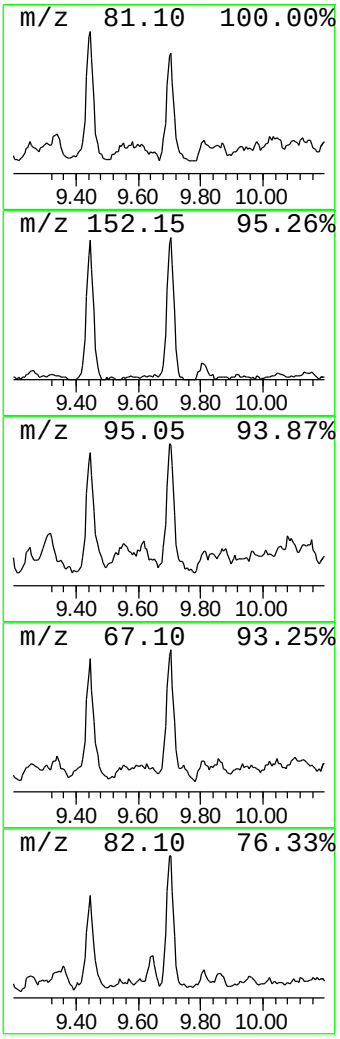
****

Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.94 ng	651062	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
4	Furan, 2-hexyl-	152	C10H16O	003777-70-6	76
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

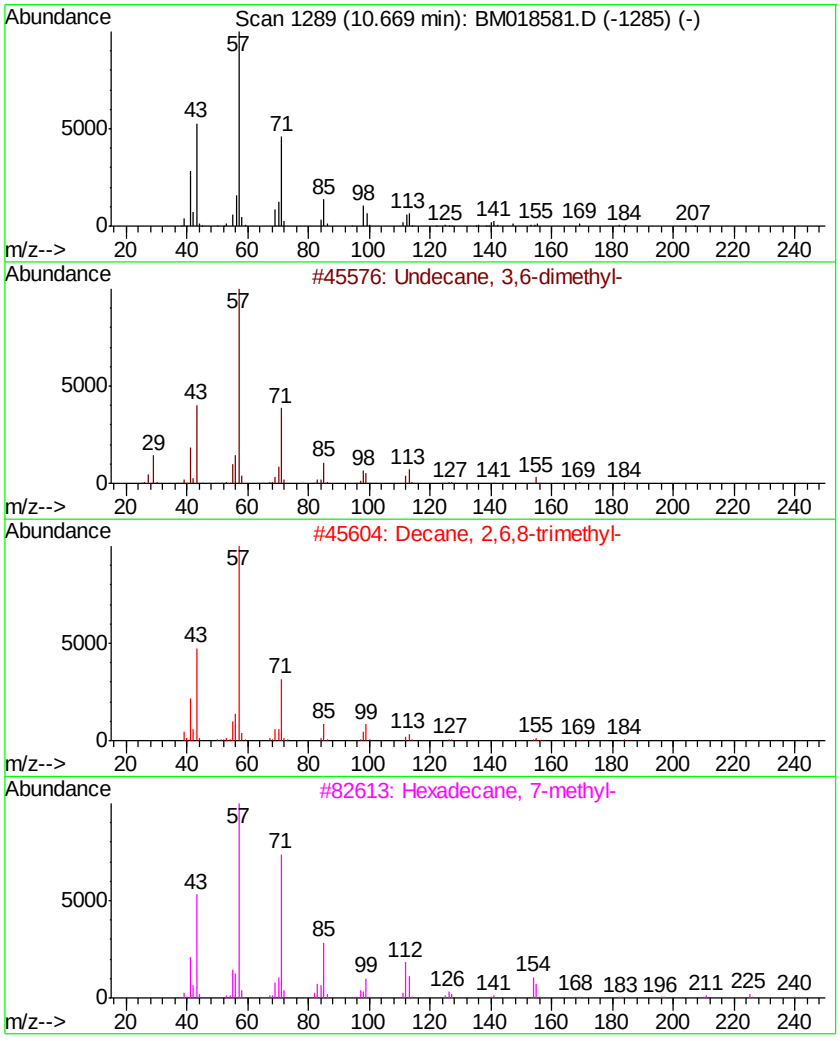
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

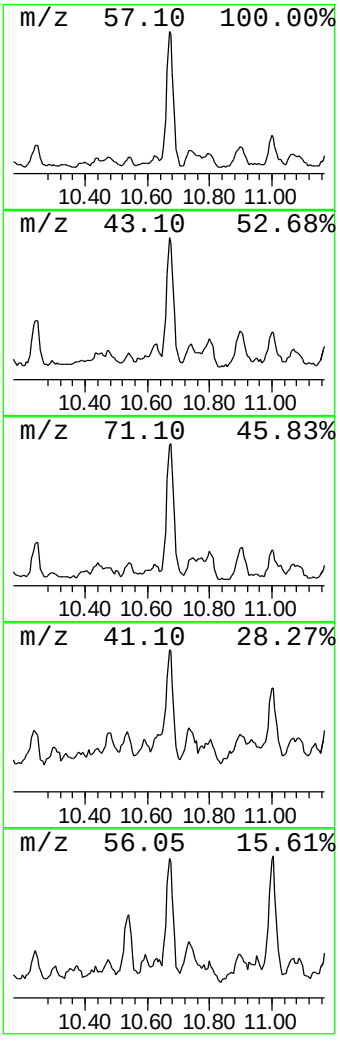
****

Peak Number 7 Undecane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	4.79 ng	631284	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	68
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

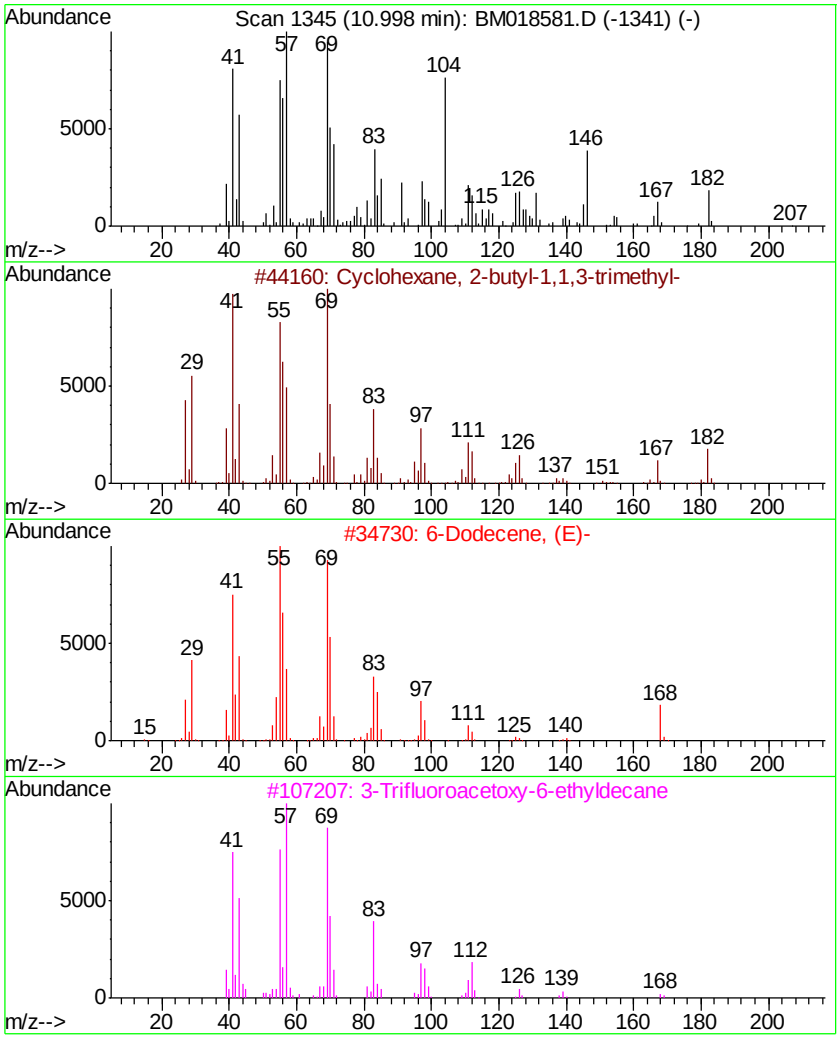
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

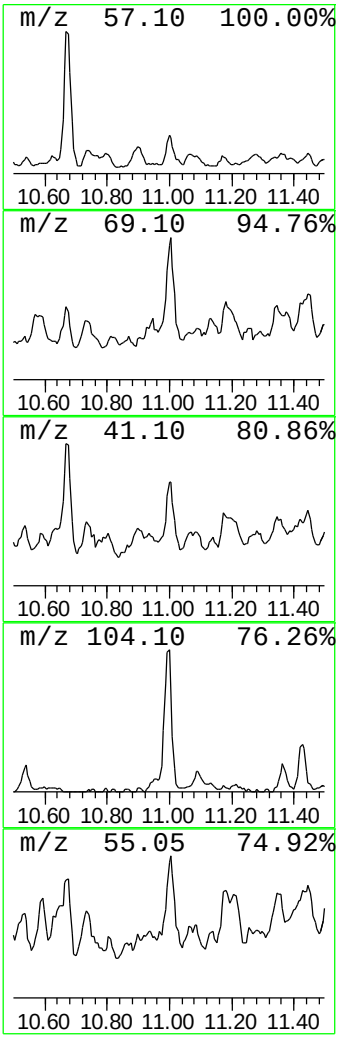
****

Peak Number 8 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	4.31 ng	569118	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
2	6-Dodecene, (E)-	168	C12H24	007206-17-9	49
3	3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	45
4	Dichloroacetic acid, 2-tridecyl ...	310	C15H28Cl2O2	1000280-64-1	41
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

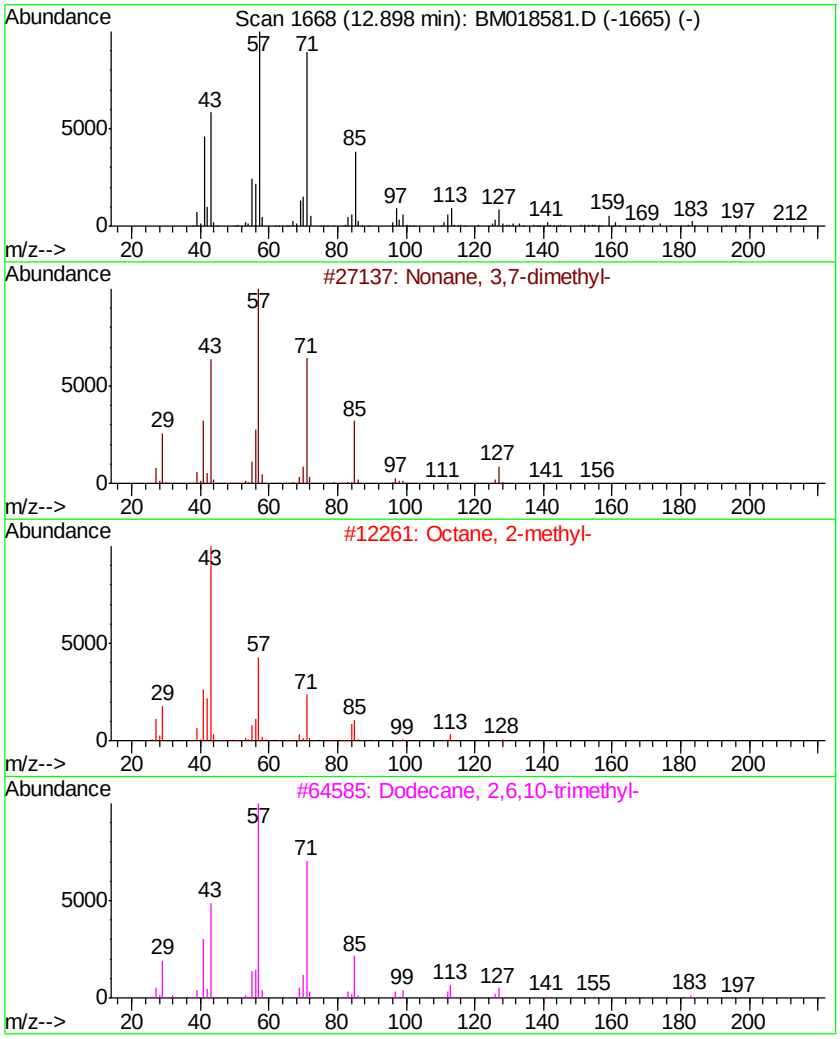
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

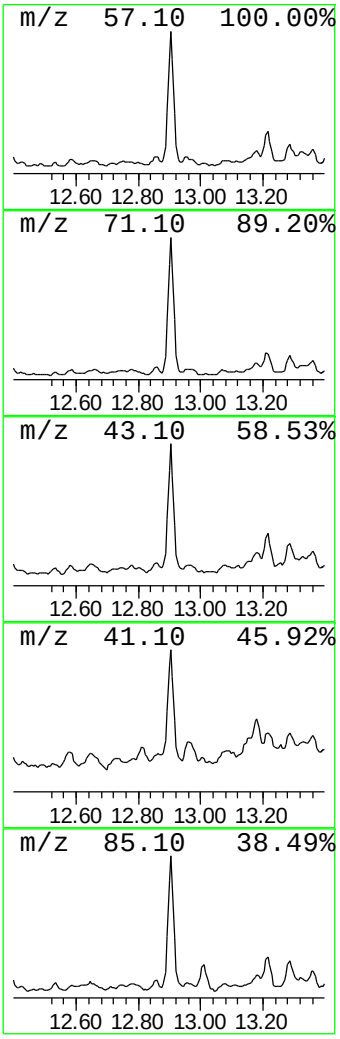
****

Peak Number 10 Nonane, 3,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	6.65 ng	1605010	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2	Octane, 2-methyl-	128	C9H20	003221-61-2	81
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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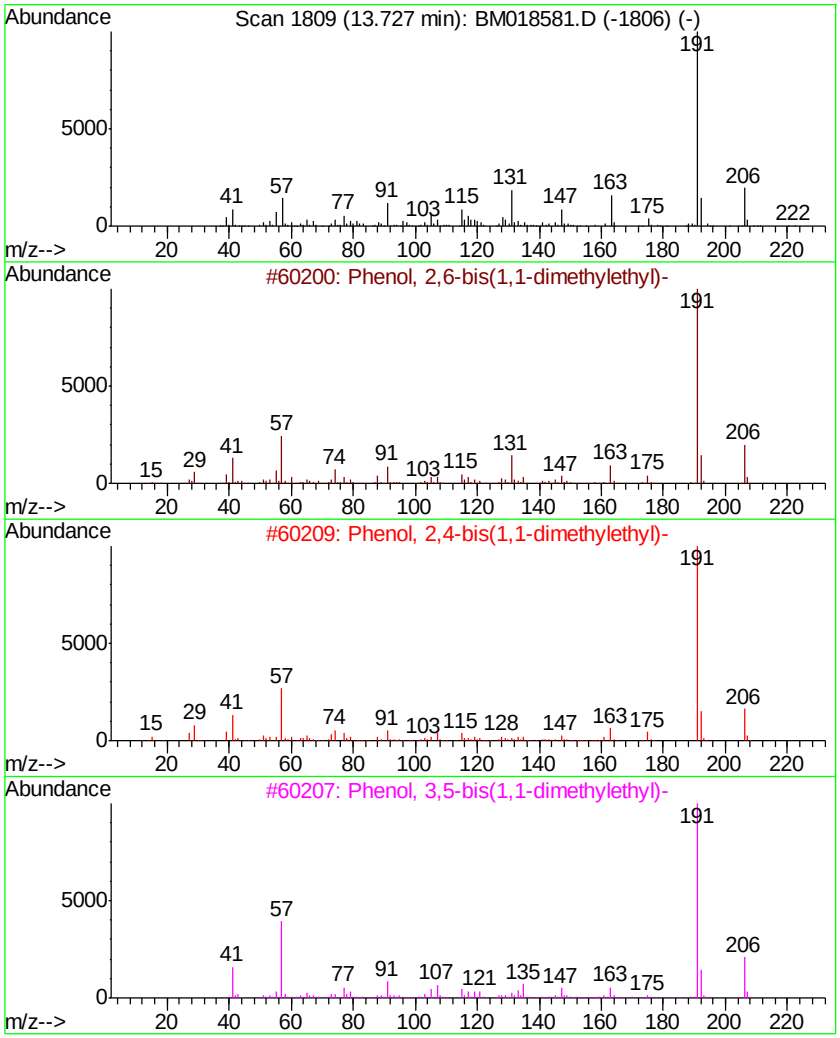
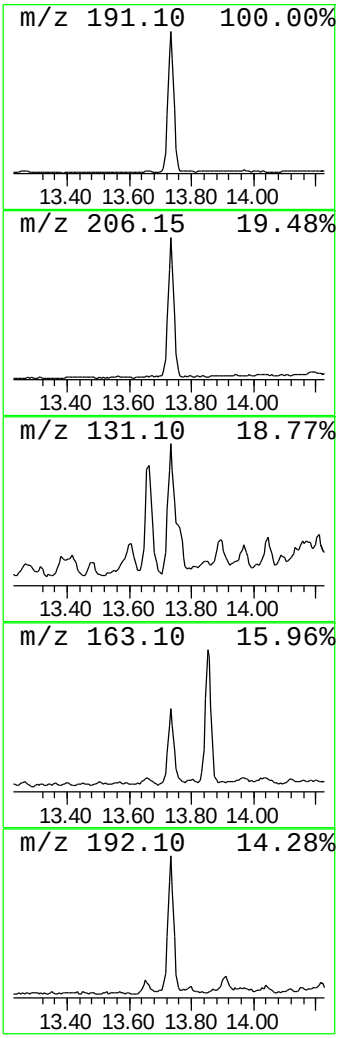
Peak Number 11 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.56 ng	1585040	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	93
2	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	81
3	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	76
4	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	68
5	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	68





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Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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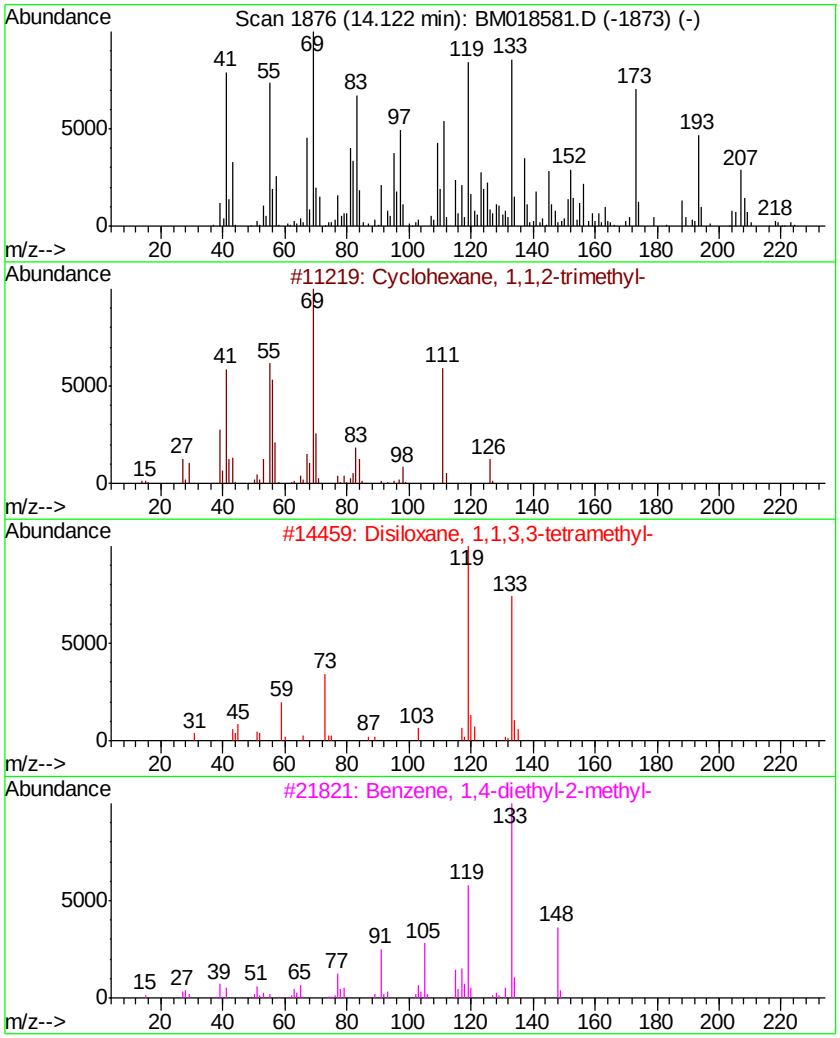
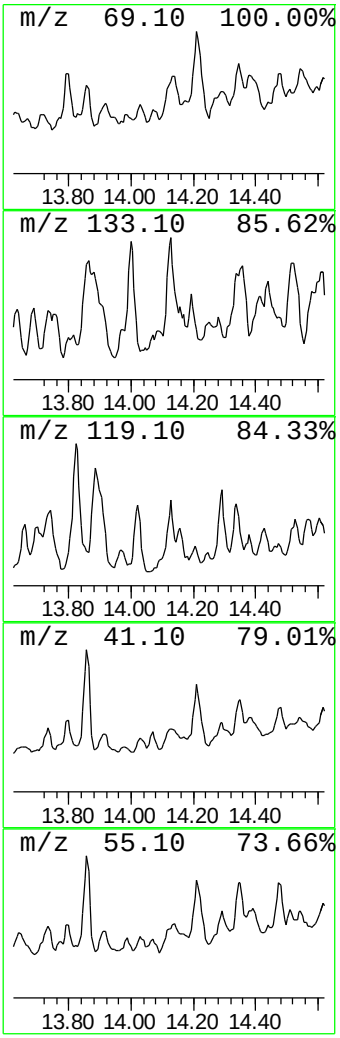
Peak Number 12 unknown14.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.89 ng	939458	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	25
2	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	22
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	22
4	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	15
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	12





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Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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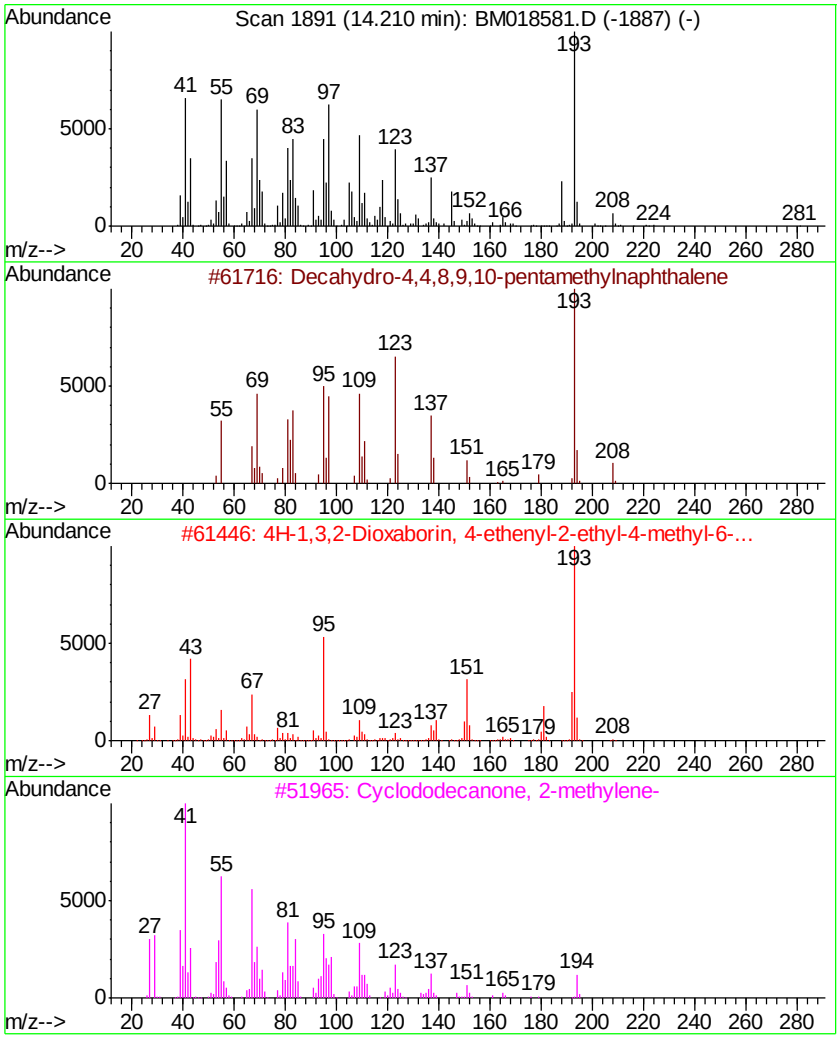
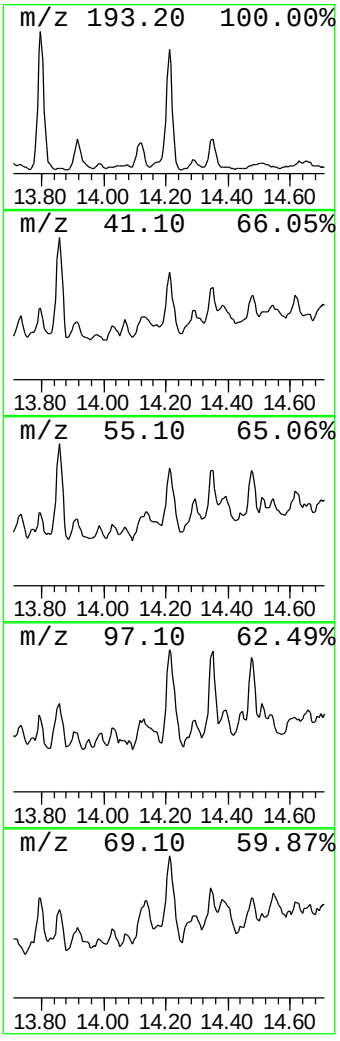
Peak Number 13 unknown14.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	9.87 ng	2384510	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
2	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	35
3	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	22
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	20
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	18





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Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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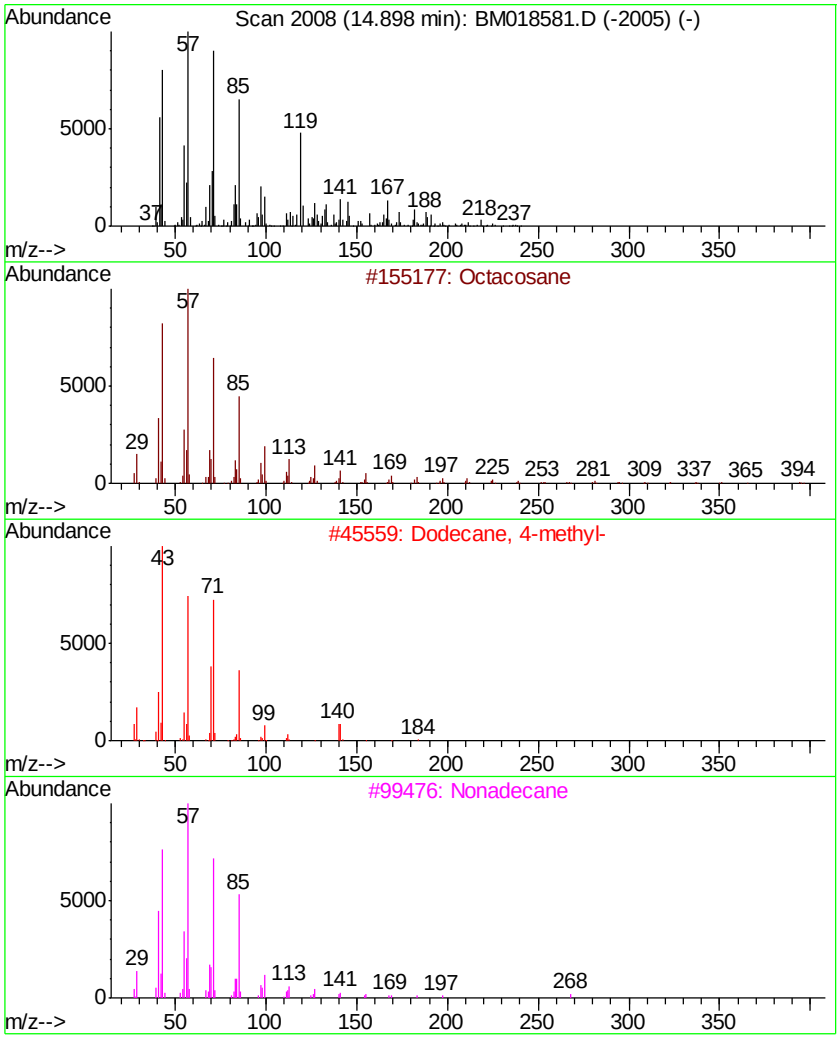
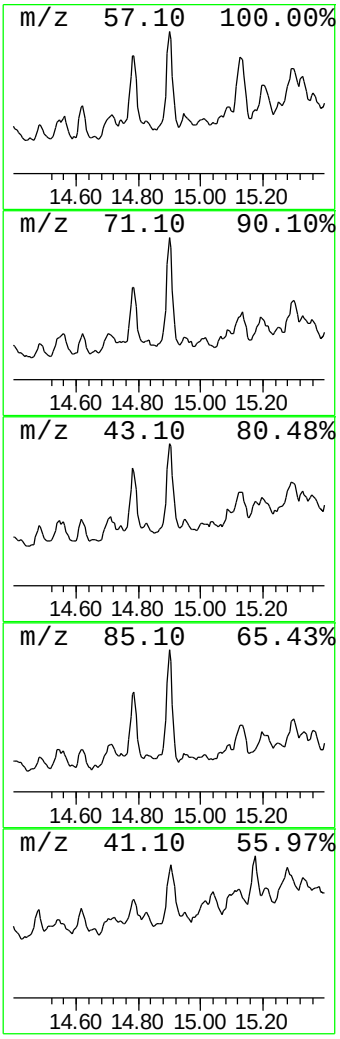
Peak Number 14 unknown14.90 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	8.79 ng	2122880	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	43
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
3	Nonadecane	268	C19H40	000629-92-5	38
4	2,11-Dodecadiene, 4-acetoxy-	224	C14H24O2	1000155-54-4	35
5	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	30





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Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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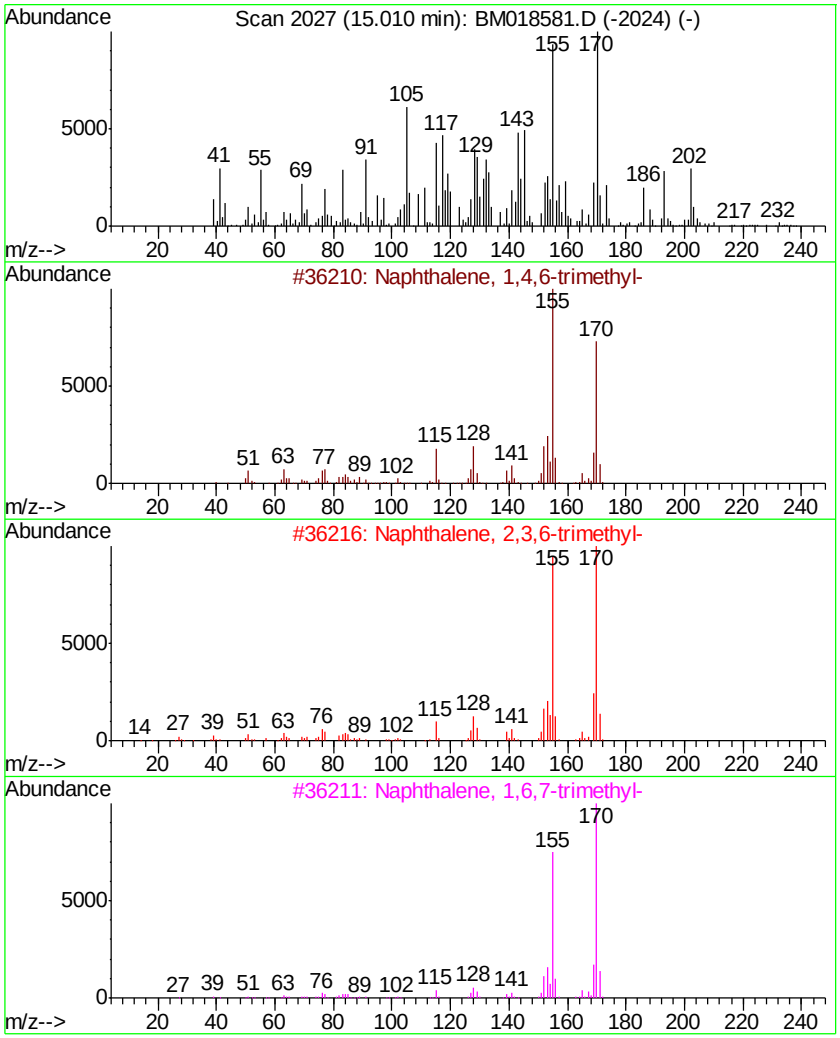
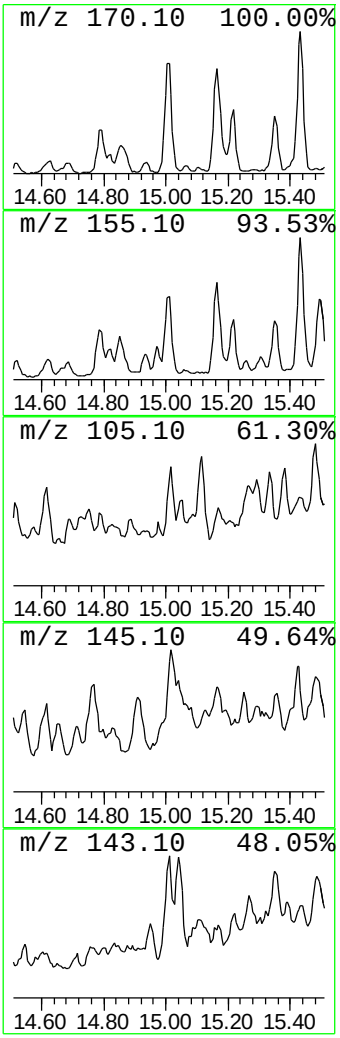
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	6.01 ng	1450740	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

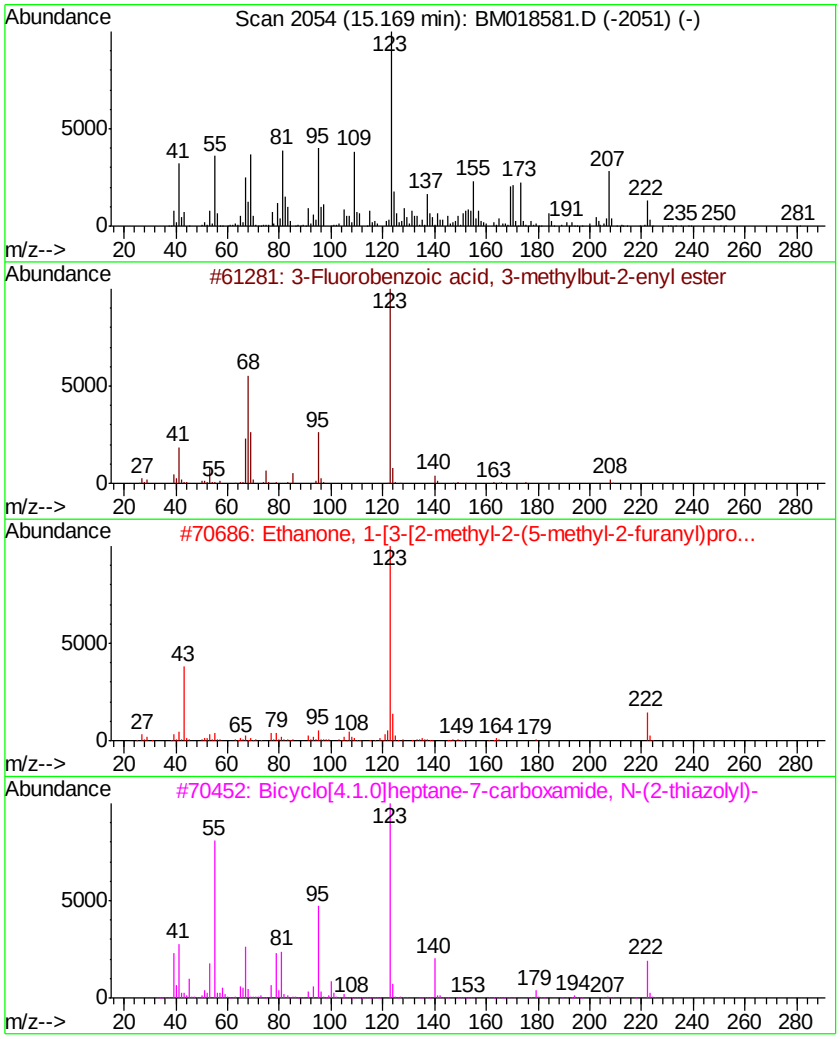
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

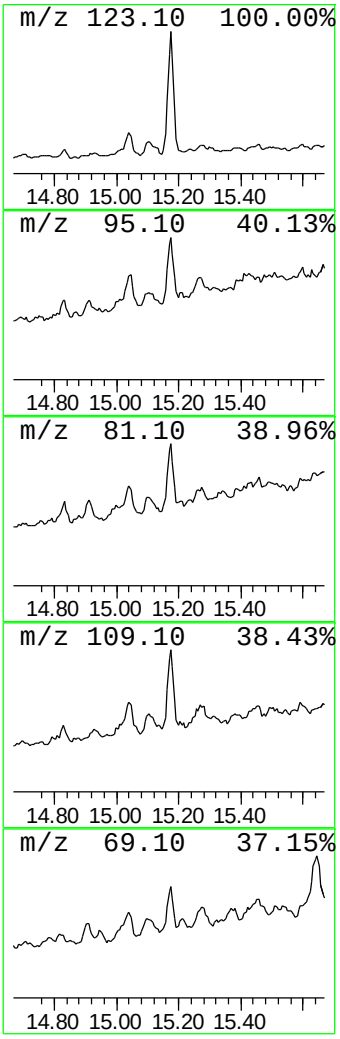
****

Peak Number 16 unknown15.17 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	9.02 ng	2179000	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	46
2	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43
3	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	43
4	Photocitral a	152	C10H16O	1000292-85-0	43
5	Cyclopropanecarboxylic acid, 2,2...	182	C11H18O2	005460-63-9	38





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Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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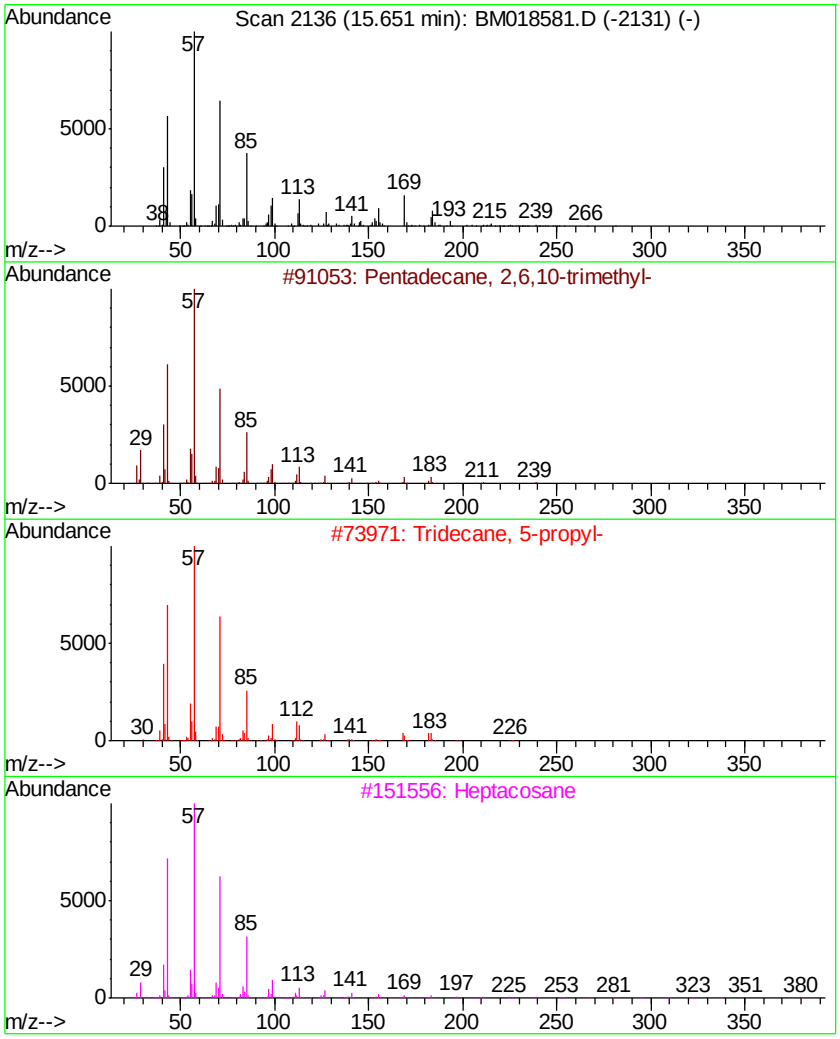
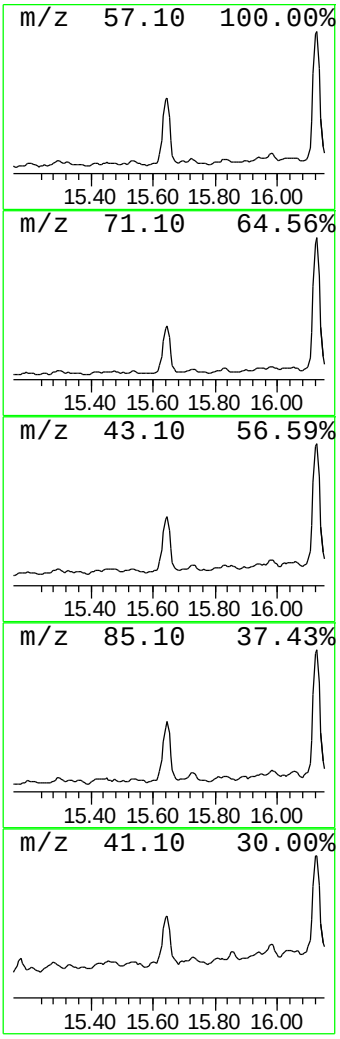
Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	22.85 ng	5519920	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tridecane	184	C13H28	000629-50-5	74
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





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Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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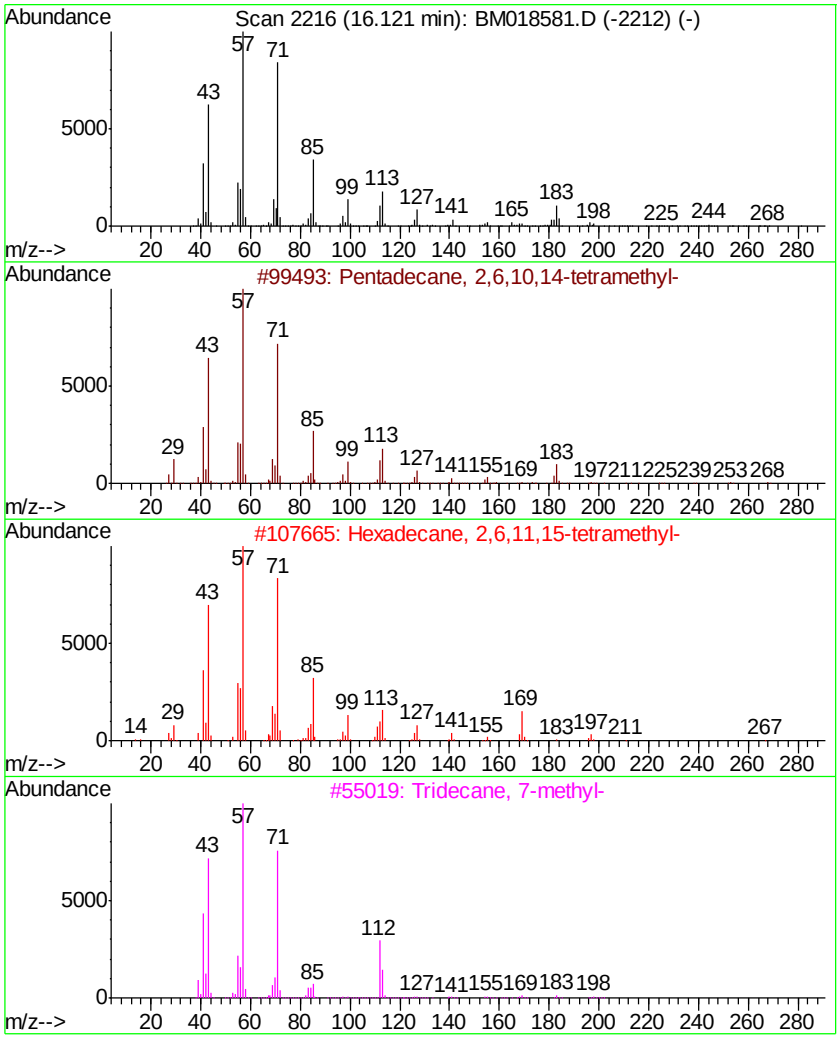
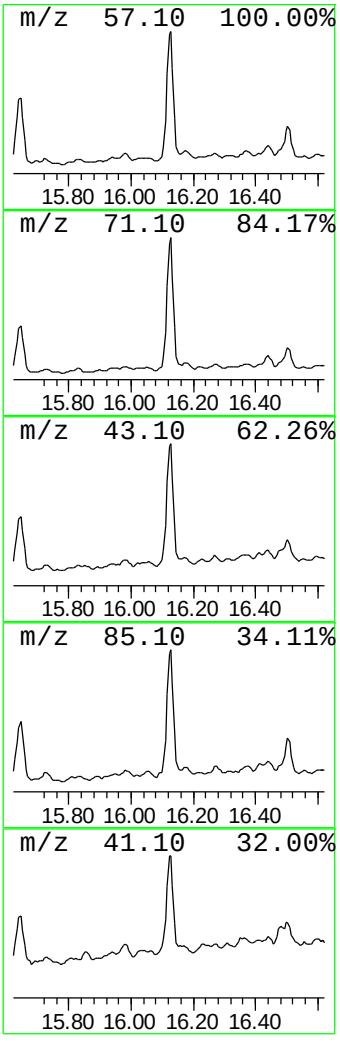
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	52.64 ng	13789700	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72





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Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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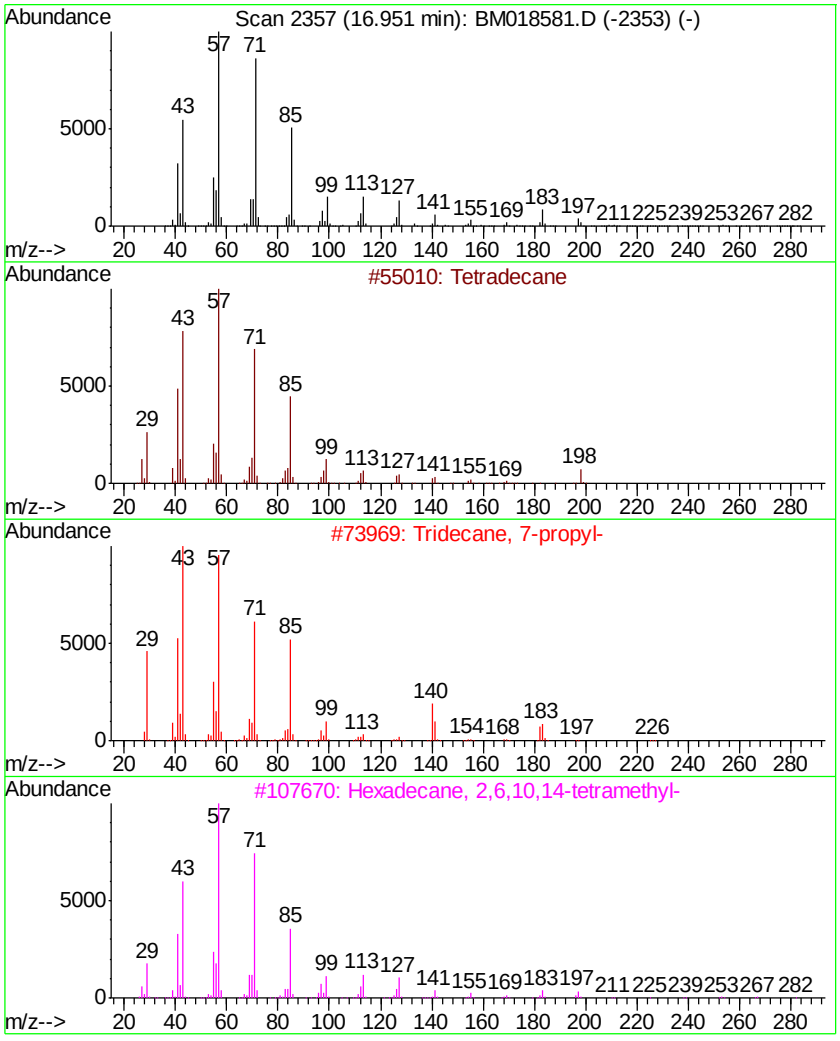
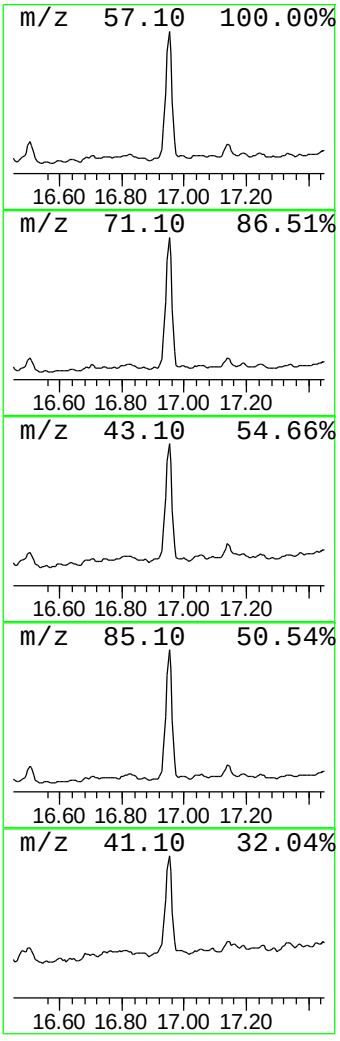
Peak Number 19 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	60.22 ng	15775800	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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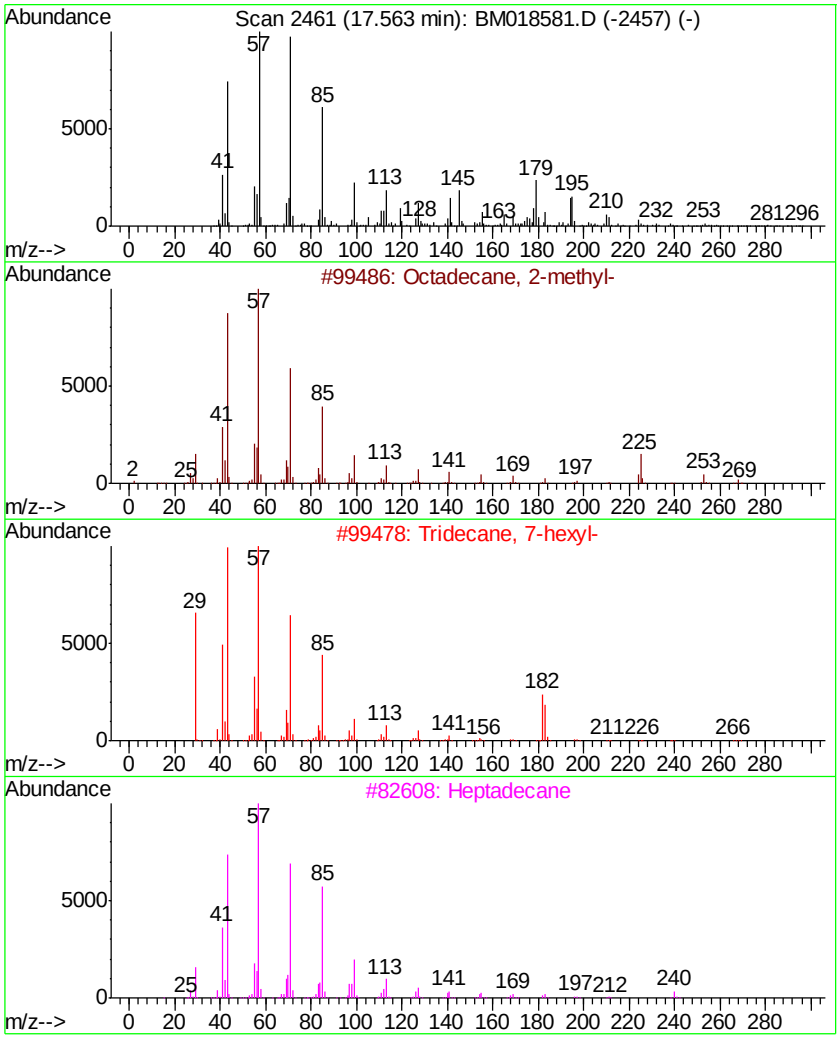
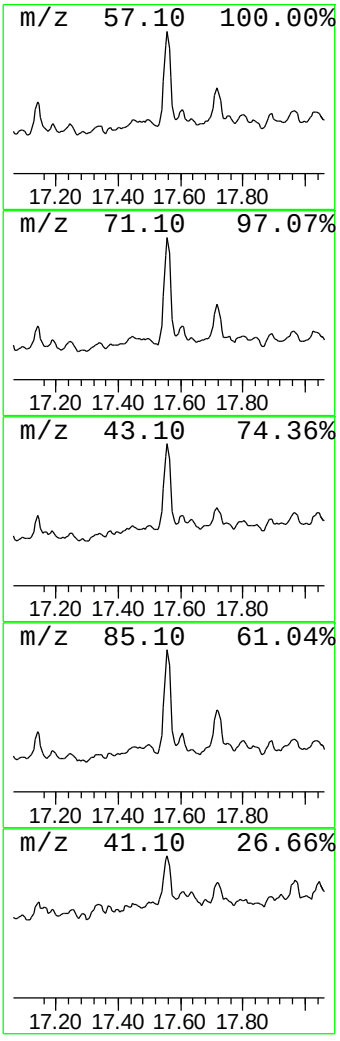
Peak Number 20 Octadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	23.56 ng	6172840	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	86
5	Octadecane	254	C18H38	000593-45-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
Data File : BM018581.D
Acq On : 16 Jan 2019 13:49
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.28	7.28	13.0	ng	1115960	1	7.75	1712840	20.0
Naphthalene, deca...	8.56	4.1	ng	354602	1	7.75	1712840	20.0
Cyclohexane, 1,2-...	8.82	5.4	ng	463126	1	7.75	1712840	20.0
unknown9.07	9.07	4.6	ng	391184	1	7.75	1712840	20.0
1-Methyldecahydro...	9.70	4.9	ng	651062	2	10.54	2638350	20.0
Undecane, 3,6-dim...	10.67	4.8	ng	631284	2	10.54	2638350	20.0
Cyclohexane, 2-bu...	11.00	4.3	ng	569118	2	10.54	2638350	20.0
Nonane, 3,7-dimet...	12.90	6.7	ng	1605010	3	14.40	4830510	20.0
Phenol, 2,6-bis(1...	13.73	6.6	ng	1585040	3	14.40	4830510	20.0
unknown14.12	14.12	3.9	ng	939458	3	14.40	4830510	20.0
unknown14.21	14.21	9.9	ng	2384510	3	14.40	4830510	20.0
unknown14.90	14.90	8.8	ng	2122880	3	14.40	4830510	20.0
Naphthalene, 1,4,...	15.01	6.0	ng	1450740	3	14.40	4830510	20.0
unknown15.17	15.17	9.0	ng	2179000	3	14.40	4830510	20.0
Pentadecane, 2,6,...	15.65	22.9	ng	5519920	3	14.40	4830510	20.0
Pentadecane, 2,6,...	16.12	52.6	ng	13789700	4	17.15	5239290	20.0
Tetradecane	16.95	60.2	ng	15775800	4	17.15	5239290	20.0
Octadecane, 2-met...	17.56	23.6	ng	6172840	4	17.15	5239290	20.0