LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

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-BM101217.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	3.946	139	146	154	rVB	144383	233278	1.75%	0.190%
2	4.952	311	317	323	rBV	199838	311685	2.33%	0.254%
3	5.093	331	341	347	rVB3	55465	157815	1.18%	0.129%
4	5.275	367	372	378	rBV	115640	194146	1.45%	0.158%
5	5.404	386	394	410	rVB	607586	1378502	10.32%	1.125%
6	5.628	426	432	439	rBV3	98319	193080	1.44%	0.158%
7	5.704	439	445	450	rVV3	129431	251097	1.88%	0.205%
8	5.775	450	457	464	rVV2	520891	969657	7.26%	0.791%
9	5.846	464	469	478	rVB2	98249	180594	1.35%	0.147%
10	6.016	491	498	508	rBV6	152627	458290	3.43%	0.374%
11	6.234	530	535	538	rBV3	72276	138223	1.03%	0.113%
12	6.357	551	556	559	rVV4	76357	146019	1.09%	0.119%
13	6.416	559	566	577	rVV5	206785	574007	4.30%	0.468%
14	6.569	587	592	598	rBV3	118650	194103	1.45%	0.158%
15	6.640	598	604	612	rBV5	63906	163838	1.23%	0.134%
16	6.746	618	622	627	rVB	118987	169783	1.27%	0.139%
17	6.857	635	641	644	rBV3	230361	396860	2.97%	0.324%
18	6.899	644	648	655	rVV3	404935	802490	6.01%	0.655%
19	6.993	655	664	669	rVB2	230233	547698	4.10%	0.447%
20	7.251	703	708	714	rVB4	118018	230343	1.72%	0.188%
21	7.322	714	720	725	rBV2	269645	492512	3.69%	0.402%
22	7.375	725	729	733	rVV	416971	636188	4.76%	0.519%
23	7.416	733	736	743	rVB	393241	611195	4.57%	0.499%
24	7.481	743	747	757	rBV6	55621	157730	1.18%	0.129%
25	7.581	757	764	770	rVB6	93716	246379	1.84%	0.201%
26	7.681	770	781	786	rBV6	174183	514744	3.85%	0.420%
27	7.728	786	789	793	rVV	218143	329729	2.47%	0.269%
28	7.781	793	798	811	rVB	1187596	2102049	15.73%	1.715%
29	7.887	811	816	821	rBV2	164833	340913	2.55%	0.278%
30	7.940	822	825	829	rVB3	131419	201219	1.51%	0.164%
31	8.316	885	889	898	rVB2	274176	568755	4.26%	0.464%
32	8.410	898	905	915	rBV3	287304	603988	4.52%	0.493%
33	8.516	916	923	929	rBV2	237927	536886	4.02%	0.438%
34	8.863	971	982	988	rBV5	192385	557789	4.17%	0.455%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

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-BM101217.M
Title : SVOA CALIBRATION

35	8.981	991	1002	1013	rVB2	562269	1434033	10.73%	1.170%
36	9.116	1020	1025	1033	rVB9	126573	349026	2.61%	0.285%
37	9.228	1033	1044	1050	rBV7	74133	228850	1.71%	0.187%
38	9.640	1109	1114	1117	rBV3	77546	140490	1.05%	0.115%
39	9.681	1117	1121	1127	rVB2	151476	274801	2.06%	0.224%
40	9.739	1127	1131	1141	rBV5	101297	229352	1.72%	0.187%
41	9.934	1156	1164	1169	rBV2	166430	356303	2.67%	0.291%
42	9.981	1169	1172	1186	rVB10	91866	244072	1.83%	0.199%
43	10.234	1208	1215	1221	rBV3	155266	393531	2.95%	0.321%
44	10.528	1260	1265	1269	rBV	193027	312178	2.34%	0.255%
45	10.581	1269	1274	1280	rVV	1568900	2613539	19.56%	2.133%
46	10.634	1280	1283	1288	rVB	130661	197773	1.48%	0.161%
47	11.398	1406	1413	1421	rBV	222328	464462	3.48%	0.379%
48	11.981	1507	1512	1519	rVB	136205	218537	1.64%	0.178%
49	12.939	1670	1675	1680	rVB2	81617	145365	1.09%	0.119%
50	13.233	1719	1725	1728	rBV2	161951	270369	2.02%	0.221%
51	13.475	1759	1766	1776	rBV7	59878	140747	1.05%	0.115%
52	13.845	1824	1829	1833	rBV	454929	636356	4.76%	0.519%
53	13.892	1833	1837	1842	rVB	298274	389122	2.91%	0.318%
54	14.133	1872	1878	1893	rVB	467873	887820	6.64%	0.724%
55	14.310	1905	1908	1916	rVB	208010	289954	2.17%	0.237%
56	14.439	1924	1930	1936	rVV2	2100331	3285117	24.58%	2.680%
57	14.498	1936	1940	1950	rVB	191193	352168	2.64%	0.287%
58	14.751	1973	1983	1990	rBV10	95075	309728	2.32%	0.253%
59	14.845	1995	1999	2007	rVV3	146316	318134	2.38%	0.260%
60	14.927	2008	2013	2020	rVV	436689	643312	4.81%	0.525%
61	15.263	2066	2070	2075	rVB	155298	228206	1.71%	0.186%
62	15.433	2093	2099	2104	rBV	590211	899817	6.73%	0.734%
63	15.486	2105	2108	2117	rVB	168493	266391	1.99%	0.217%
64	16.039	2199	2202	2212	rVB	164793	289687	2.17%	0.236%
65	16.145	2213	2220	2234	rVB7	221641	666415	4.99%	0.544%
66	16.780	2324	2328	2334	rVB	202935	324980	2.43%	0.265%
67	16.898	2343	2348	2356	rVB3	274623	546603	4.09%	0.446%
68	17.010	2364	2367	2372	rVB	111028	147163	1.10%	0.120%
69	17.186	2392	2397	2401	rBV2	2293012	3329914	24.92%	2.717%
70	17.233	2401	2405	2410	rVB	2276505	3193048	23.90%	2.605%
71	17.286	2410	2414	2417	rBV	539335	713366	5.34%	0.582%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

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-BM101217.M
Title : SVOA CALIBRATION

72	17.321	2417	2420	2424	rVB	347265	412724	3.09%	0.337%
73	18.080	2542	2549	2565	rBV2	7757912	13362534	100.00%	10.903%
74	18.262	2575	2580	2584	rBV2	349427	688796	5.15%	0.562%
75	18.562	2628	2631	2635	rVB	224547	270036	2.02%	0.220%
76	18.980	2699	2702	2706	rBV2	332592	474962	3.55%	0.388%
77	19.251	2741	2748	2759	rBV	5189215	9737645	72.87%	7.945%
78	19.357	2761	2766	2778	rBV	8330410	11981321	89.66%	9.776%
79	19.456	2779	2783	2786	rBV	733804	1069337	8.00%	0.873%
80	19.562	2797	2801	2803	rBV	2111646	2844105	21.28%	2.321%
81	19.615	2806	2810	2818	rVB	4046896	6154418	46.06%	5.022%
82	20.239	2913	2916	2919	rBV2	561812	681458	5.10%	0.556%
83	20.545	2965	2968	2974	rVB	620326	774607	5.80%	0.632%
84	20.933	3031	3034	3038	rBV3	850044	1105027	8.27%	0.902%
85	21.056	3051	3055	3060	rBV	4361769	5104501	38.20%	4.165%
86	21.374	3103	3109	3113	rBV2	4110550	7996178	59.84%	6.524%
87	21.409	3113	3115	3121	rVB	2412023	2640374	19.76%	2.154%
88	21.680	3157	3161	3168	rVB4	1923810	3033472	22.70%	2.475%
89	22.986	3378	3383	3388	rBV	2792872	5911735	44.24%	4.824%
90	23.580	3480	3484	3491	rVB	2351550	4245663	31.77%	3.464%
91	23.680	3497	3501	3506	rVB2	1758118	2745761	20.55%	2.240%

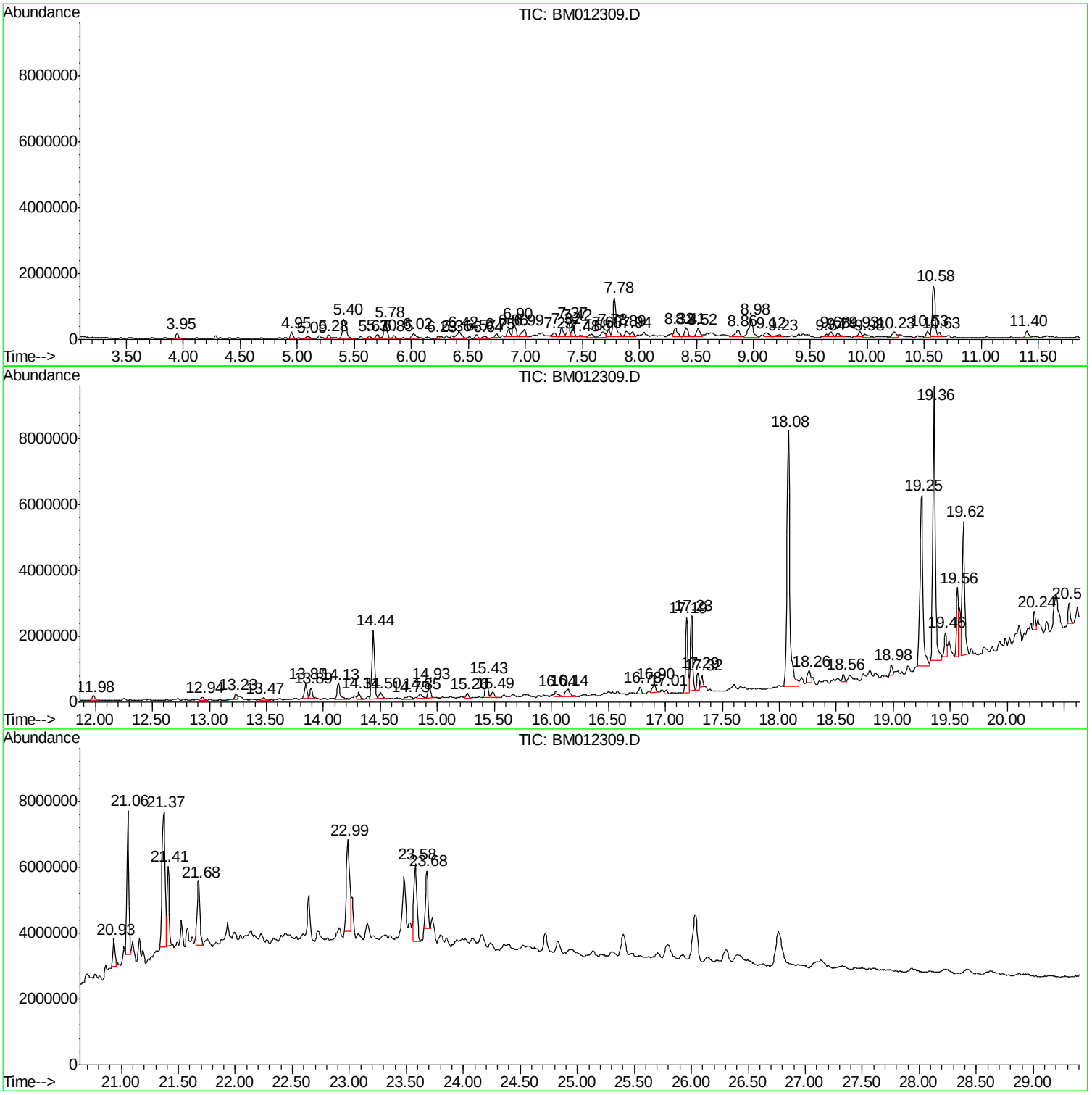
Sum of corrected areas: 122556967

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

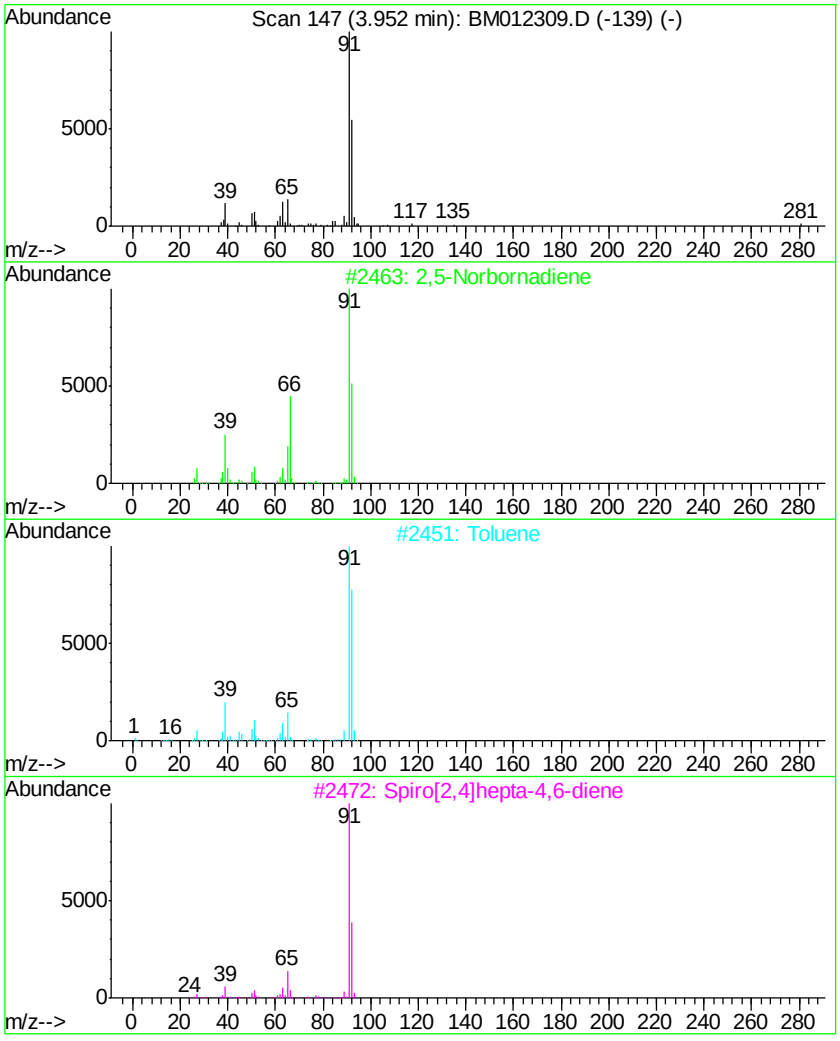
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

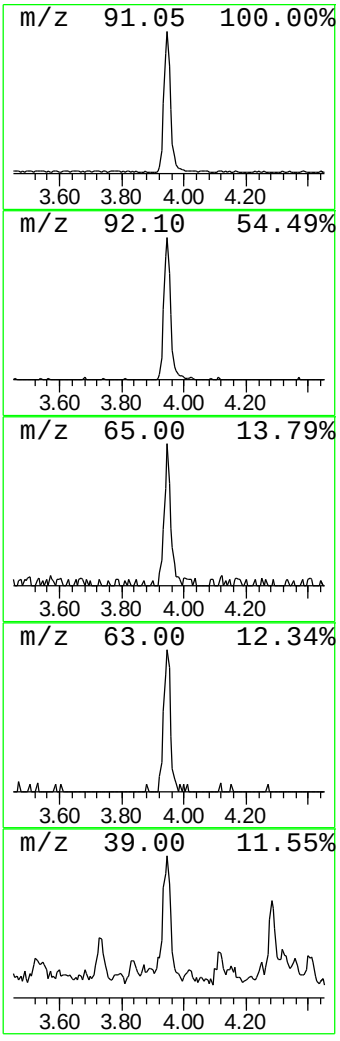
****

Peak Number 1 2,5-Norbornadiene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	2.22 ng/ul	233278	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Norbornadiene	92	C7H8	000121-46-0	90
2	Toluene	92	C7H8	000108-88-3	90
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	90
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

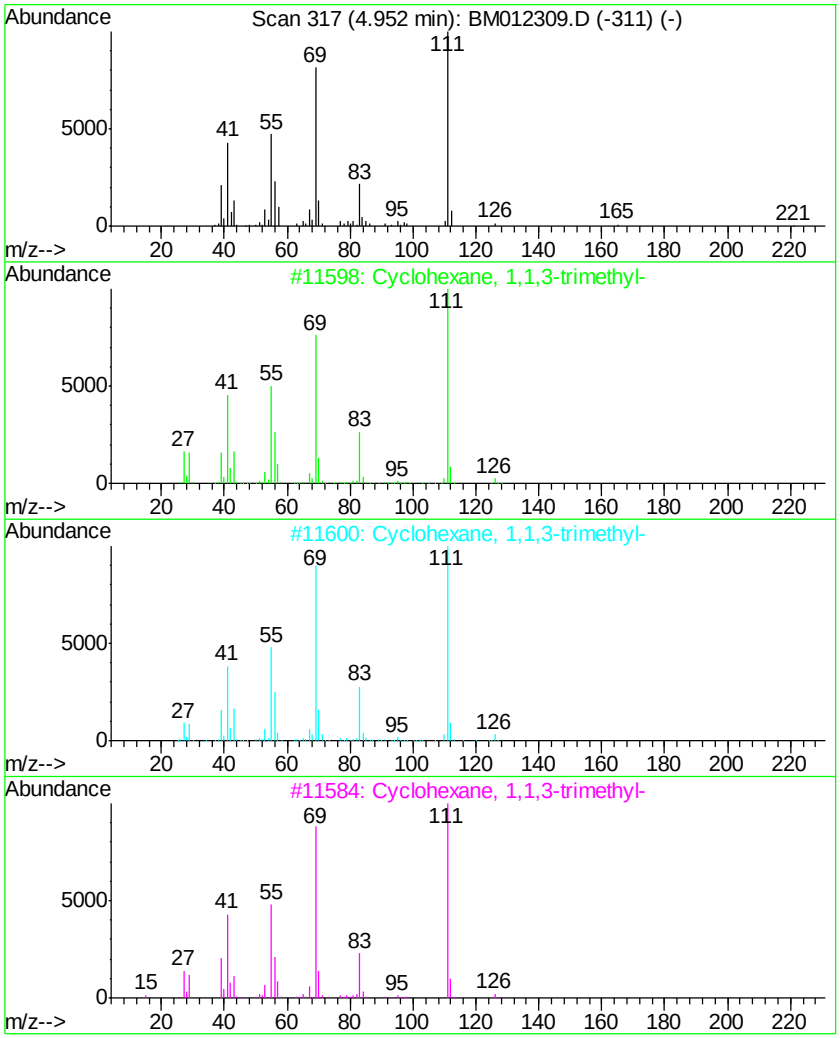
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

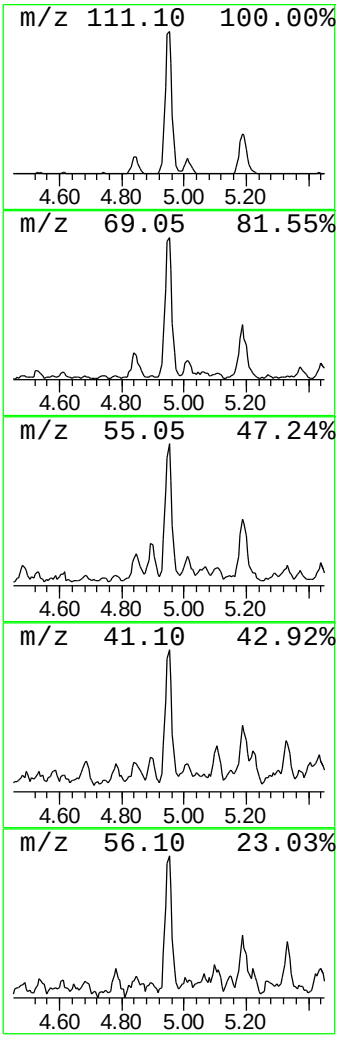
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic4.95 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	2.97 ng/ul	311685	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

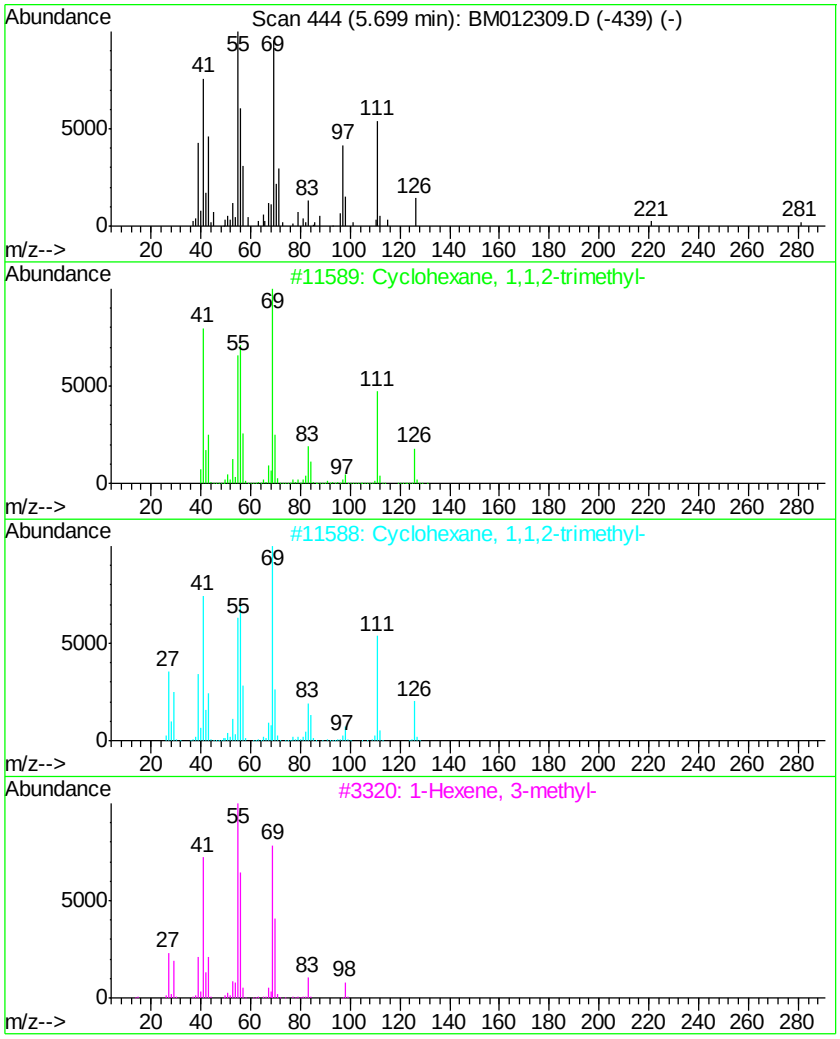
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

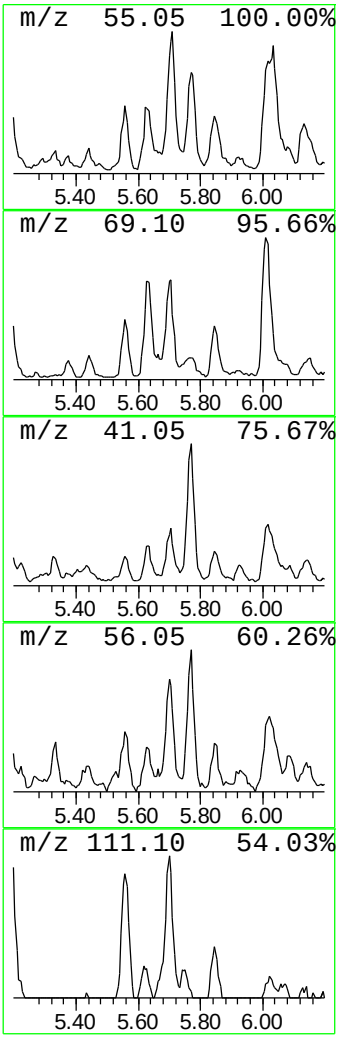
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic5.70 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	2.39 ng/ul	251097	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	91
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49
4	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	49
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

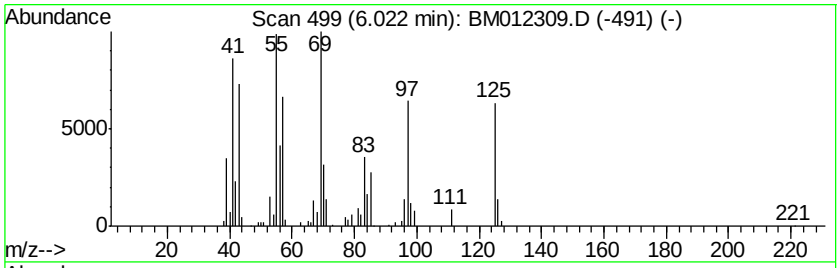
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

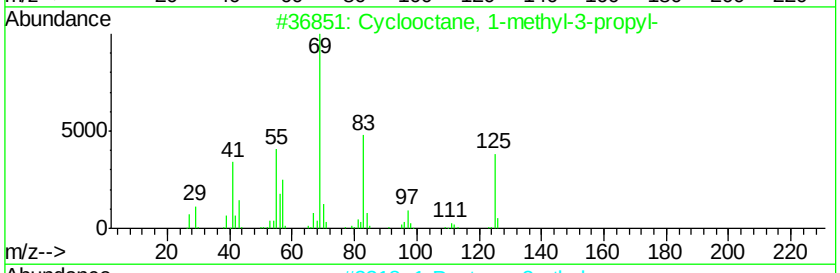
****

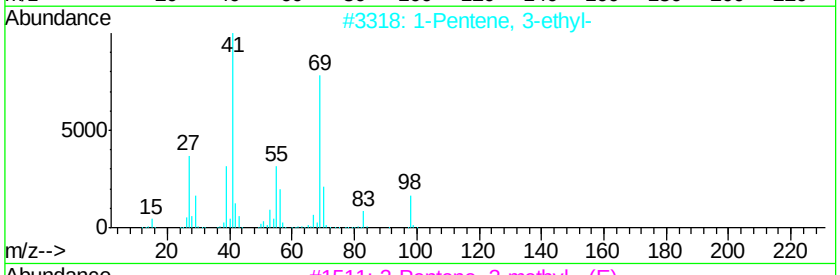
Peak Number 6 (DEL) Alkane: Cyclic6.02 Concentration Rank 15

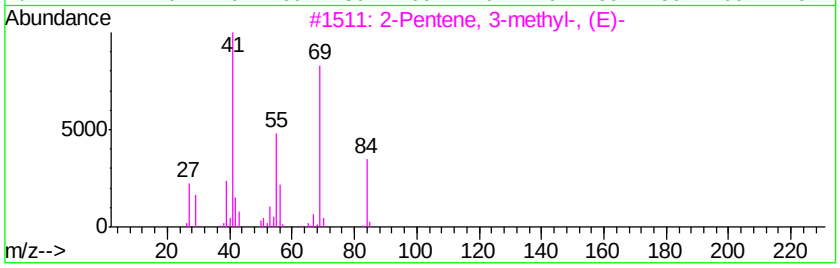
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	4.36 ng/ul	458290	1,4-Dichlorobenzene-d4	7.78

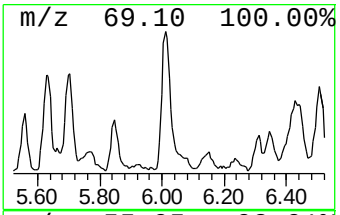
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	80
2	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38
4	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	38
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	35

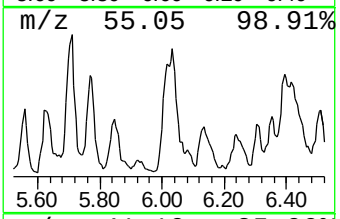


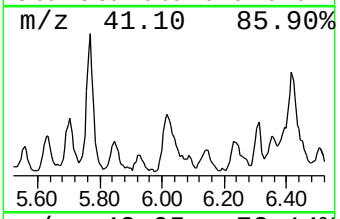


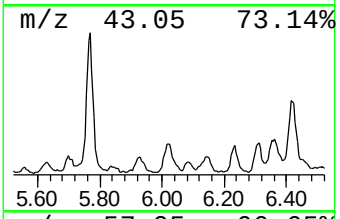


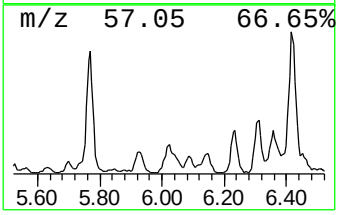












Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

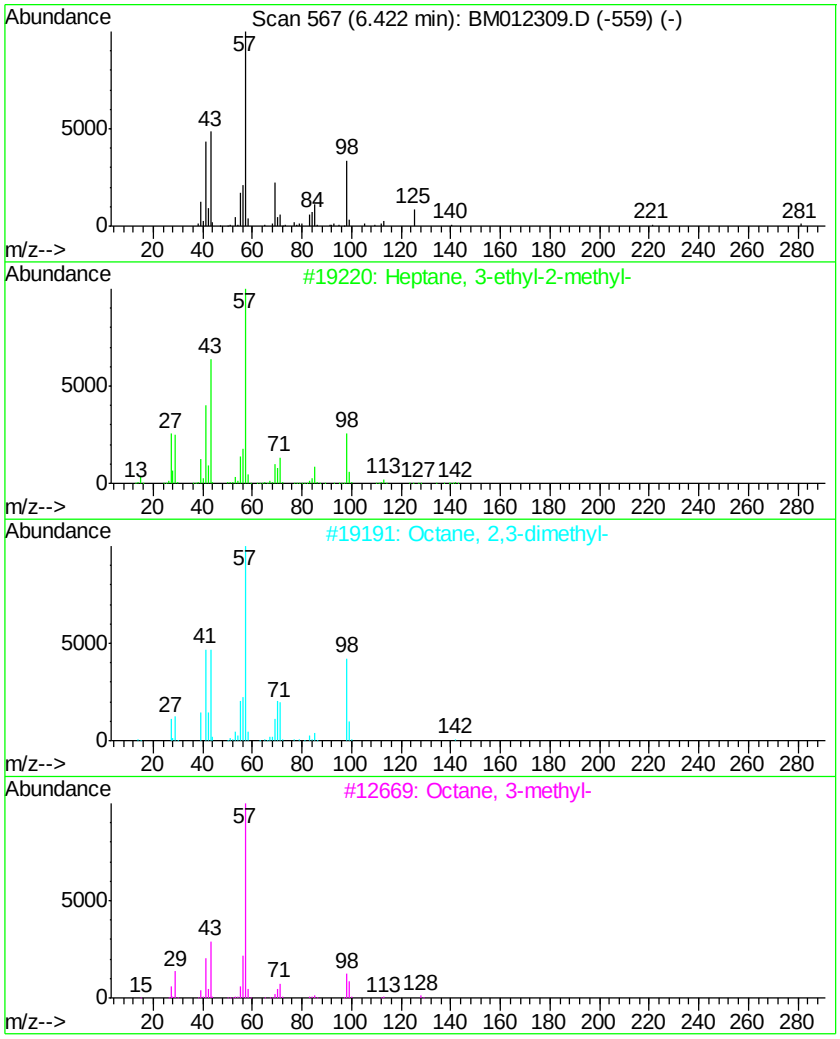
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

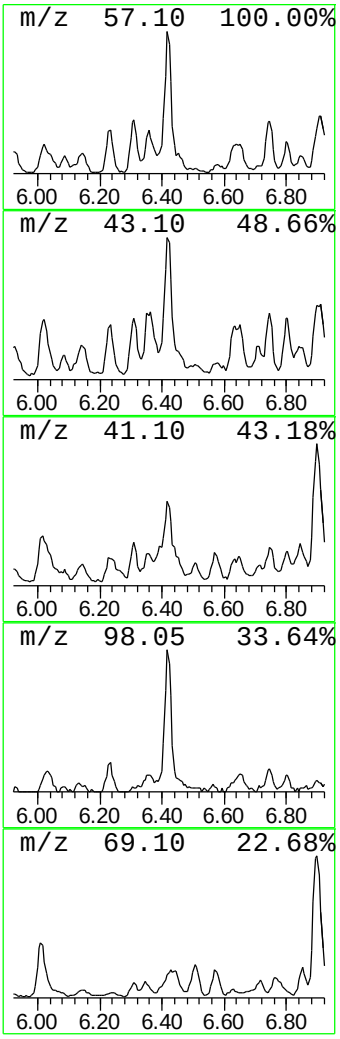
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	5.46 ng/ul	574007	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52
3	Octane, 3-methyl-	128	C9H20	002216-33-3	47
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

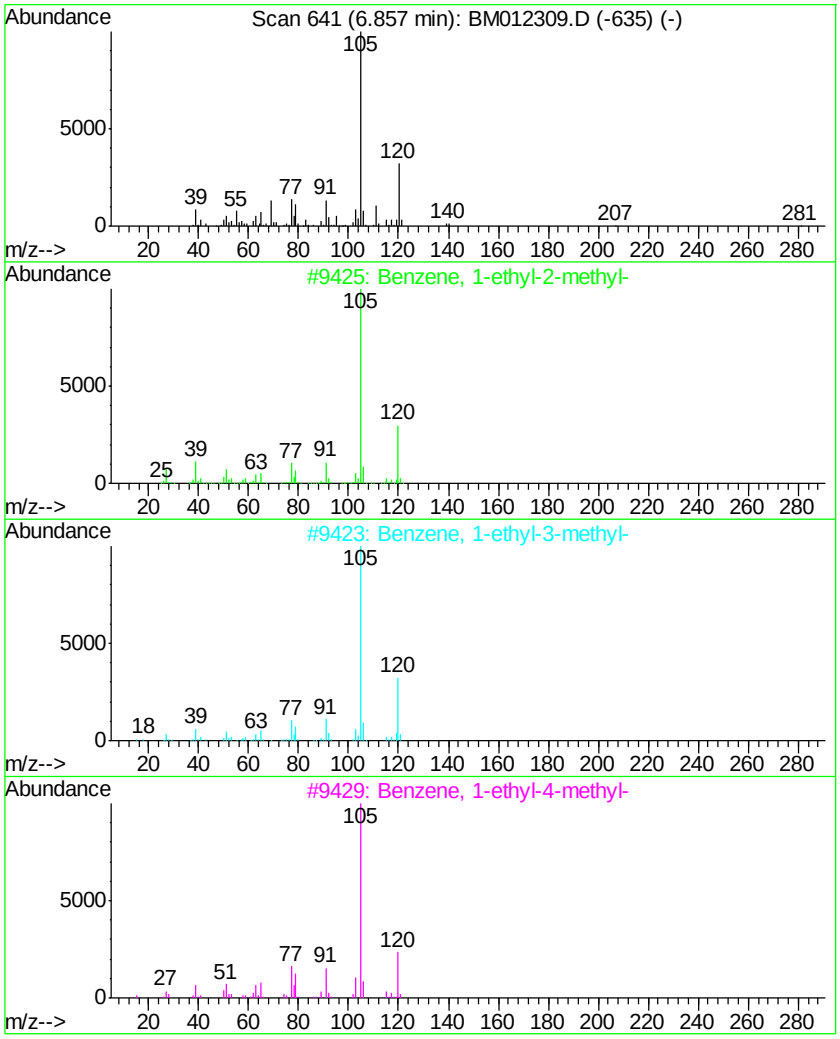
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

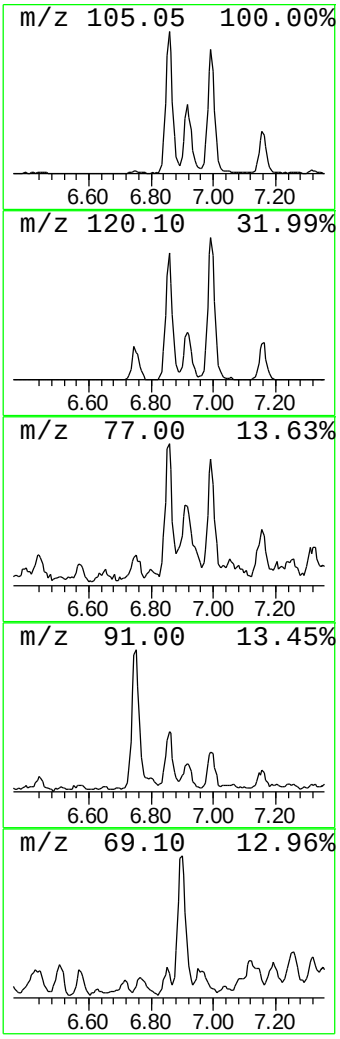
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.78 ng/ul	396860	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Mesitylene	120	C9H12	000108-67-8	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

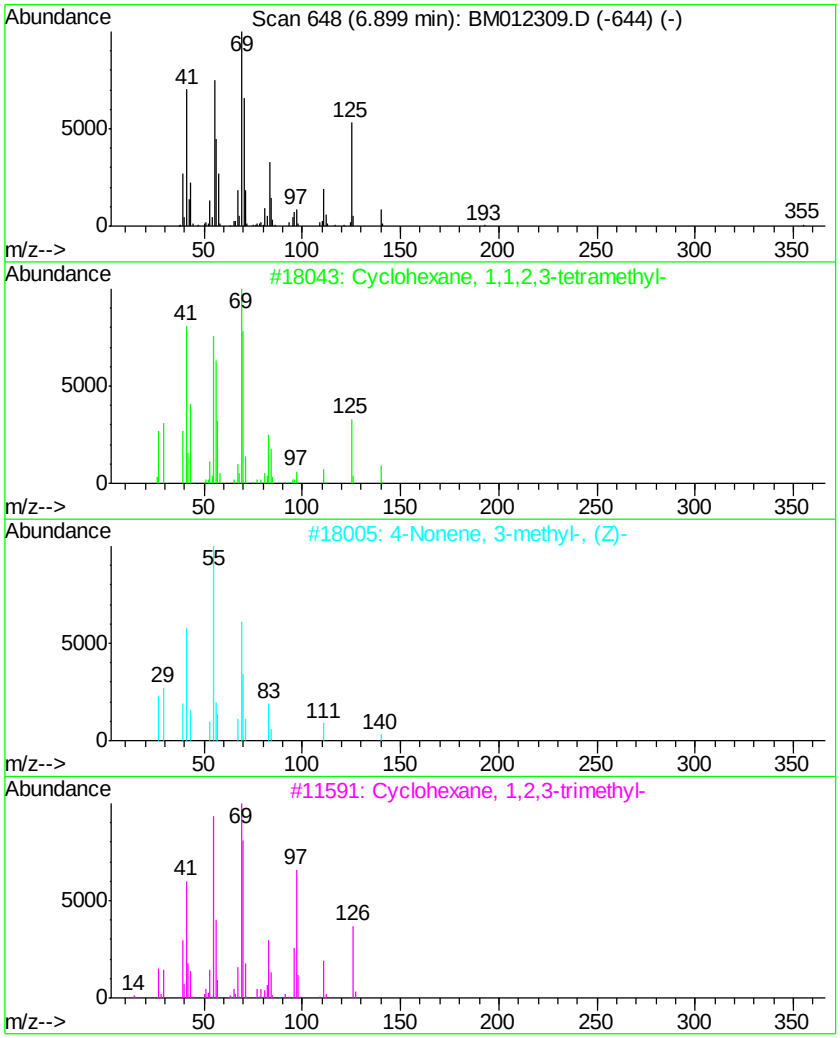
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

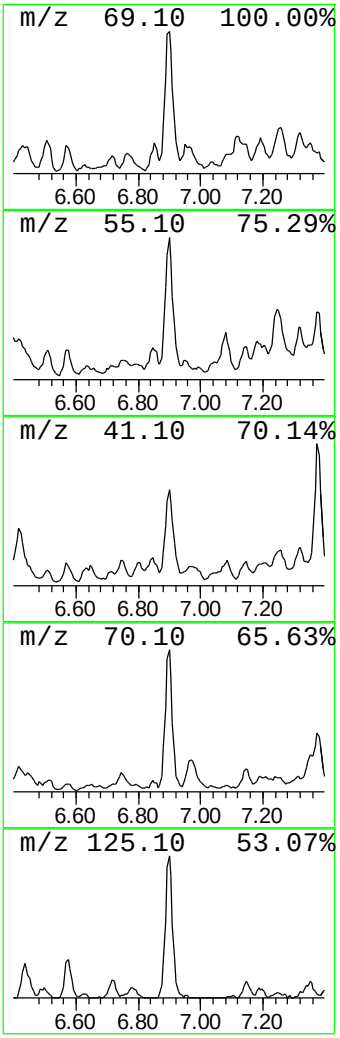
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	7.64 ng/ul	802490	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	76
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	72
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

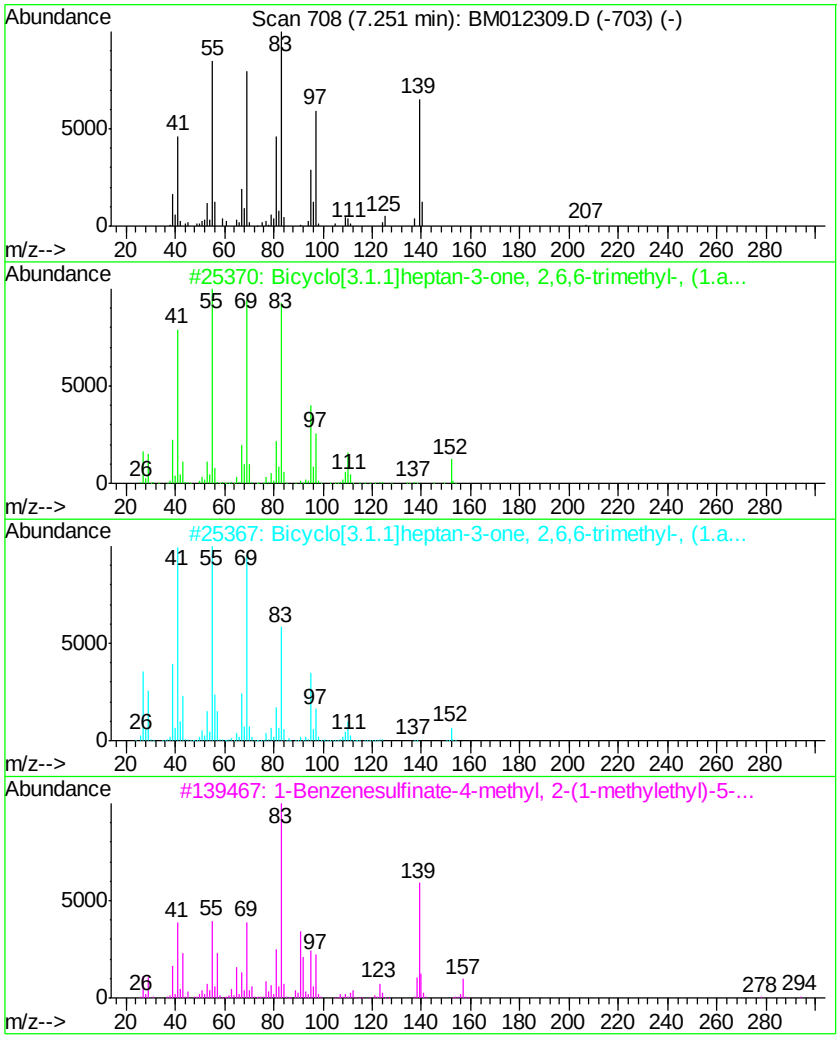
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

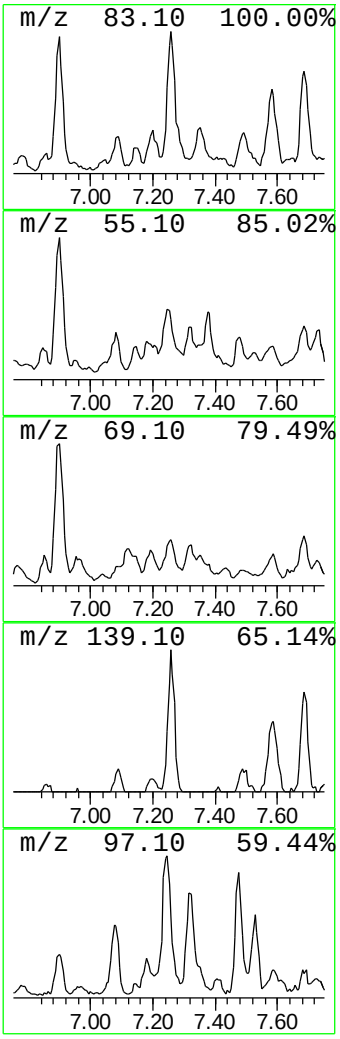
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	2.19 ng/ul	230343	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	53
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3	1-Benzenesulfinate-4-methyl, 2-(...	294	C17H26O2S	098147-48-9	40
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	38
5	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	37





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

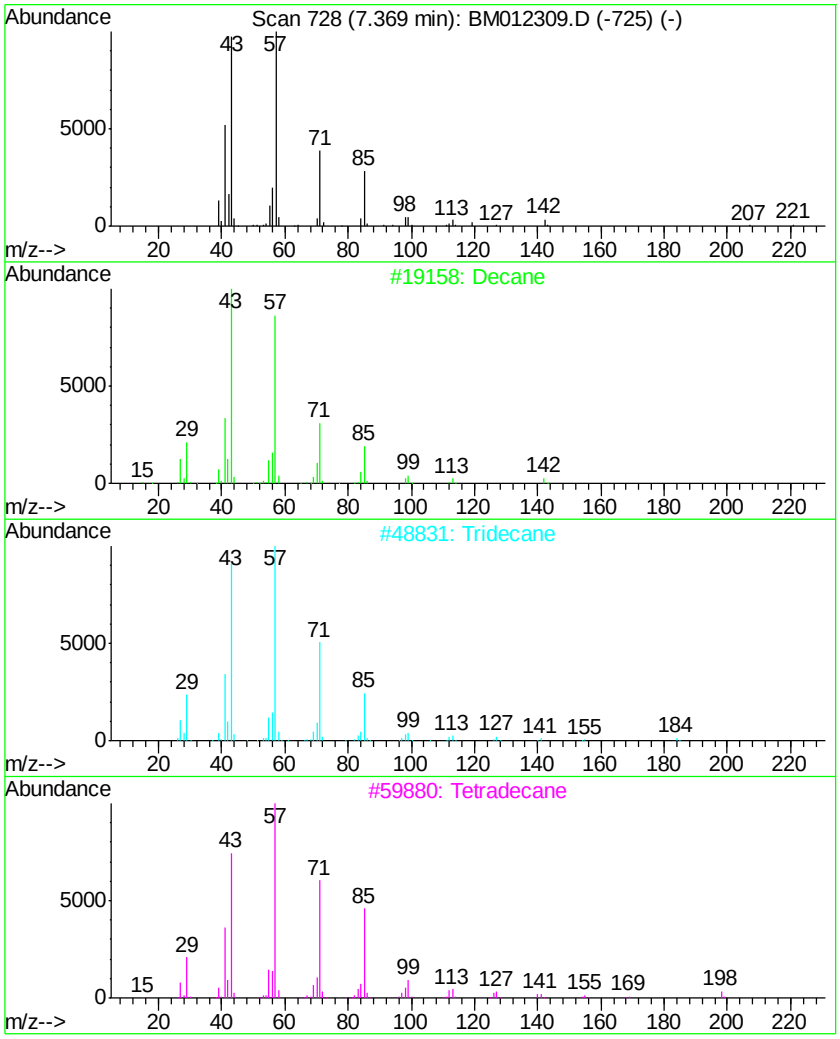
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

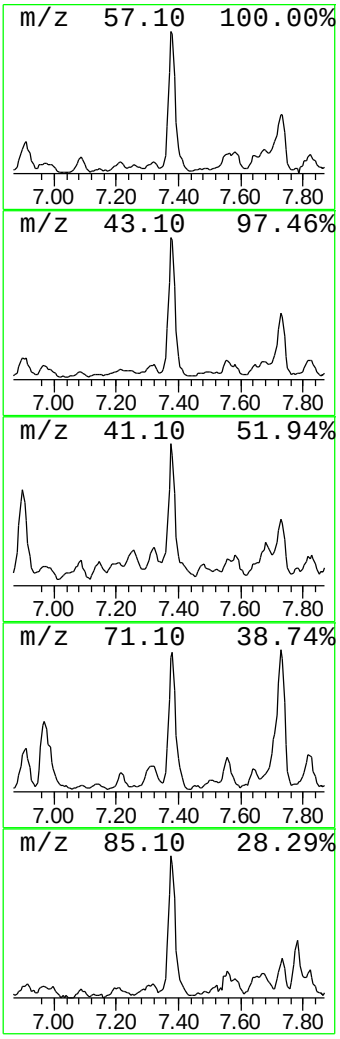
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	6.05 ng/ul	636188	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
5	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

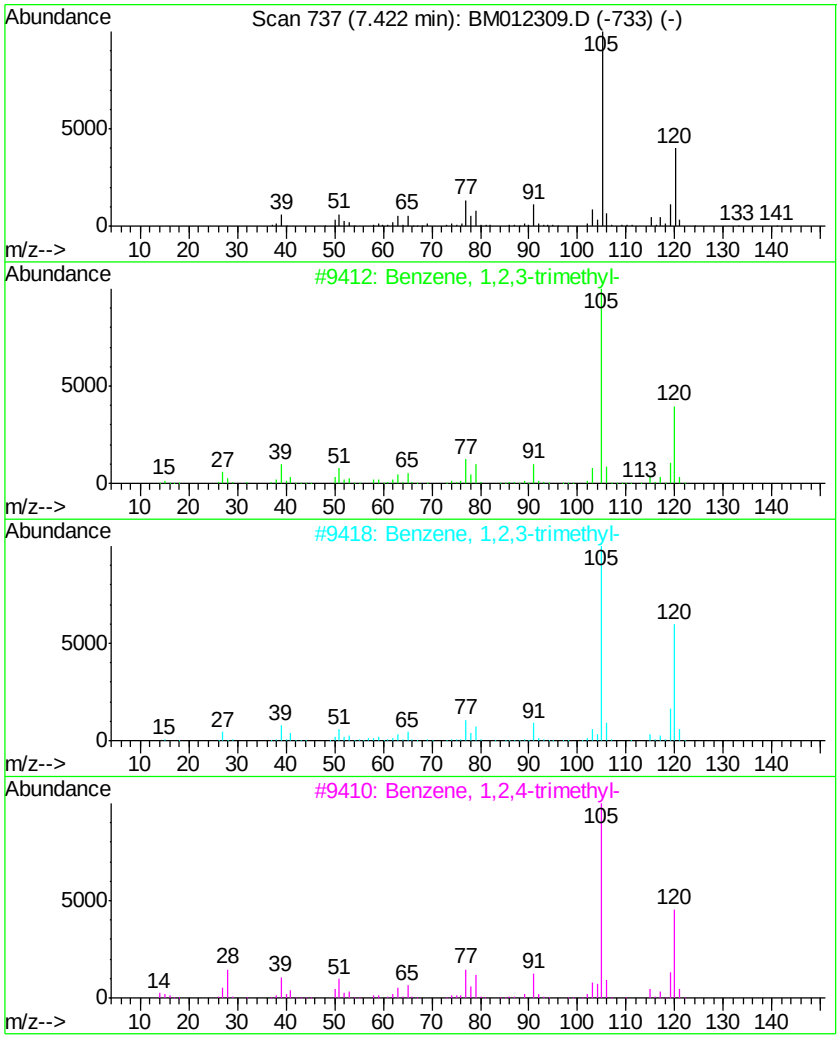
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

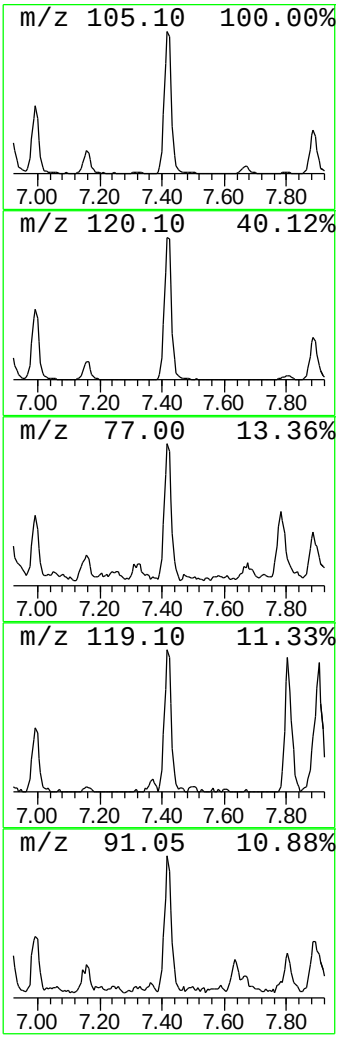
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	5.82 ng/ul	611195	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

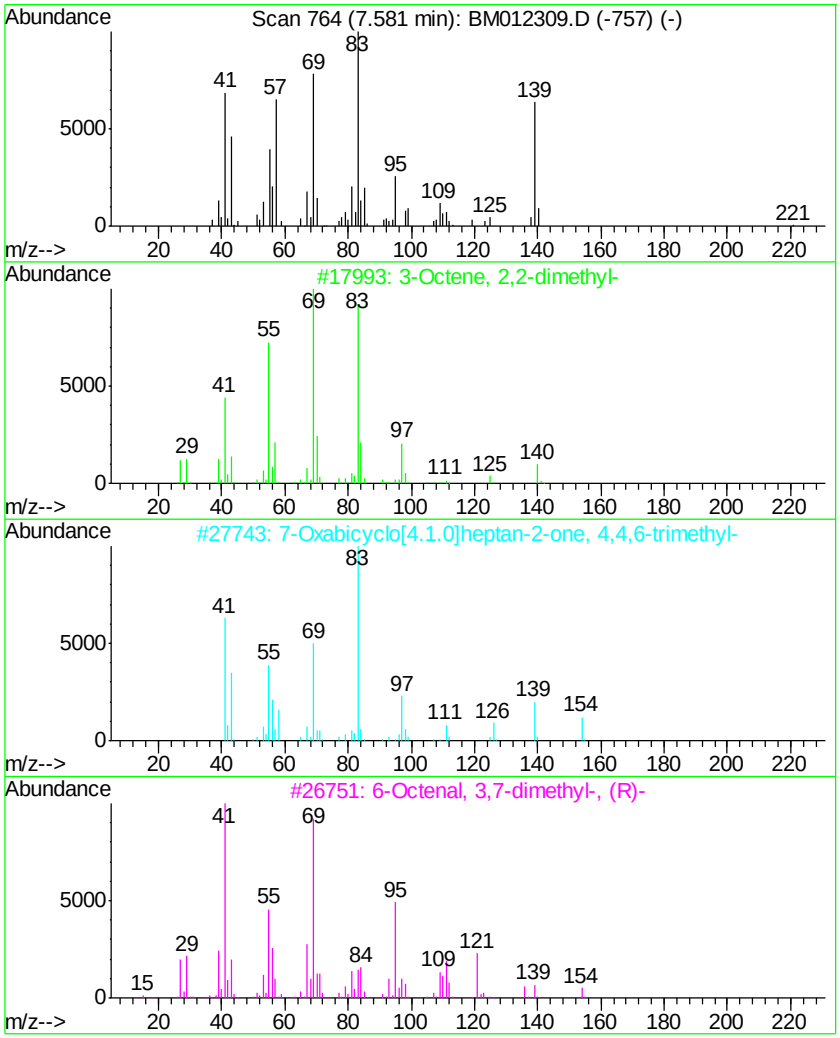
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

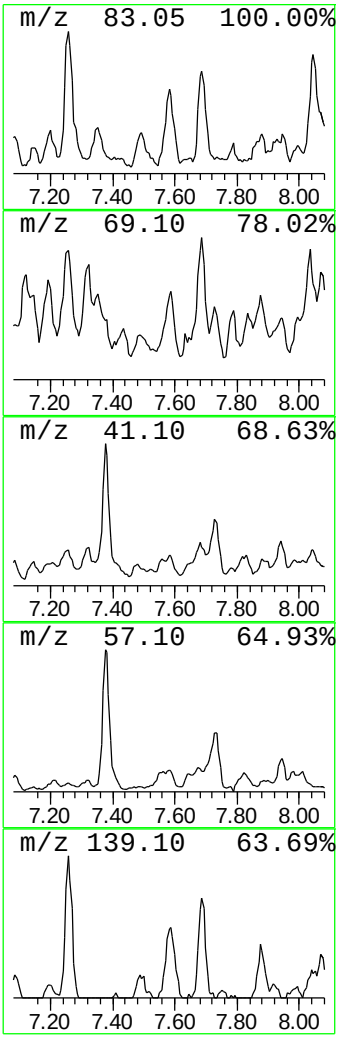
****

Peak Number 13 (DEL) Alkane: Cyclic7.58 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	2.34 ng/ul	246379	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	43
2	7-Oxabicyclo[4.1.0]heptan-2-one,...	154	C9H14O2	010276-21-8	35
3	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	35
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	27
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	25





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

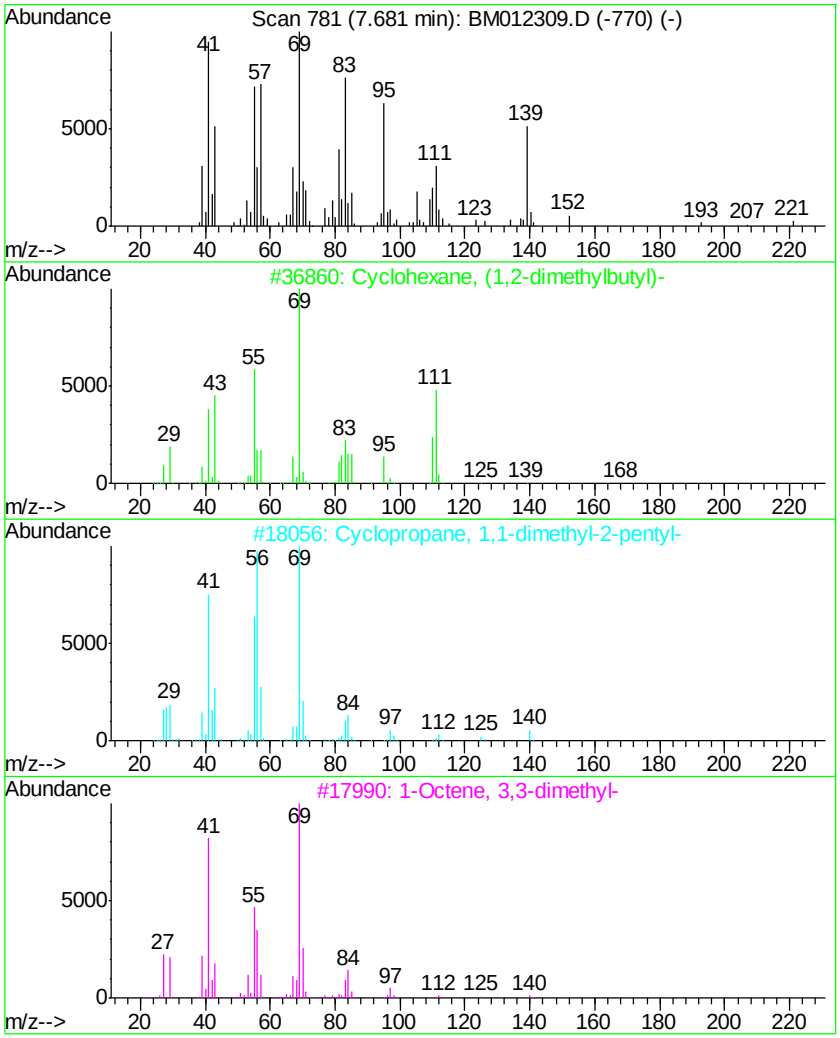
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

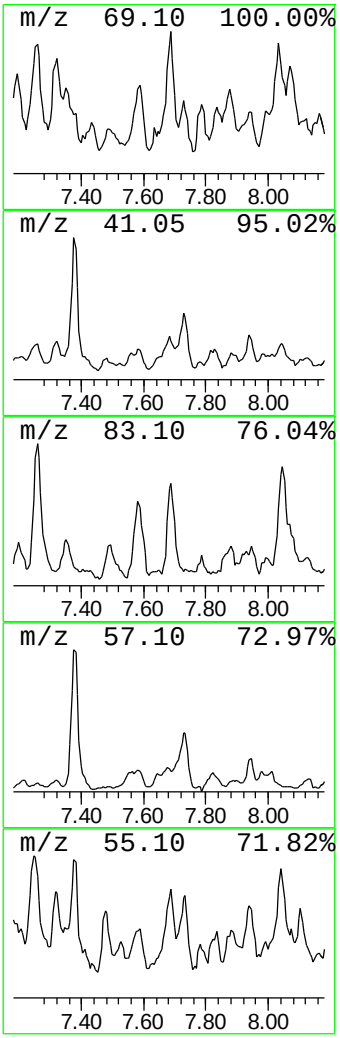
****

Peak Number 14 (DEL) Alkane: Cyclic7.68 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	4.90 ng/ul	514744	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	35
2	Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	25
3	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	22
4	1-Hexyn-3-ol	98	C6H10O	000105-31-7	22
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	22





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

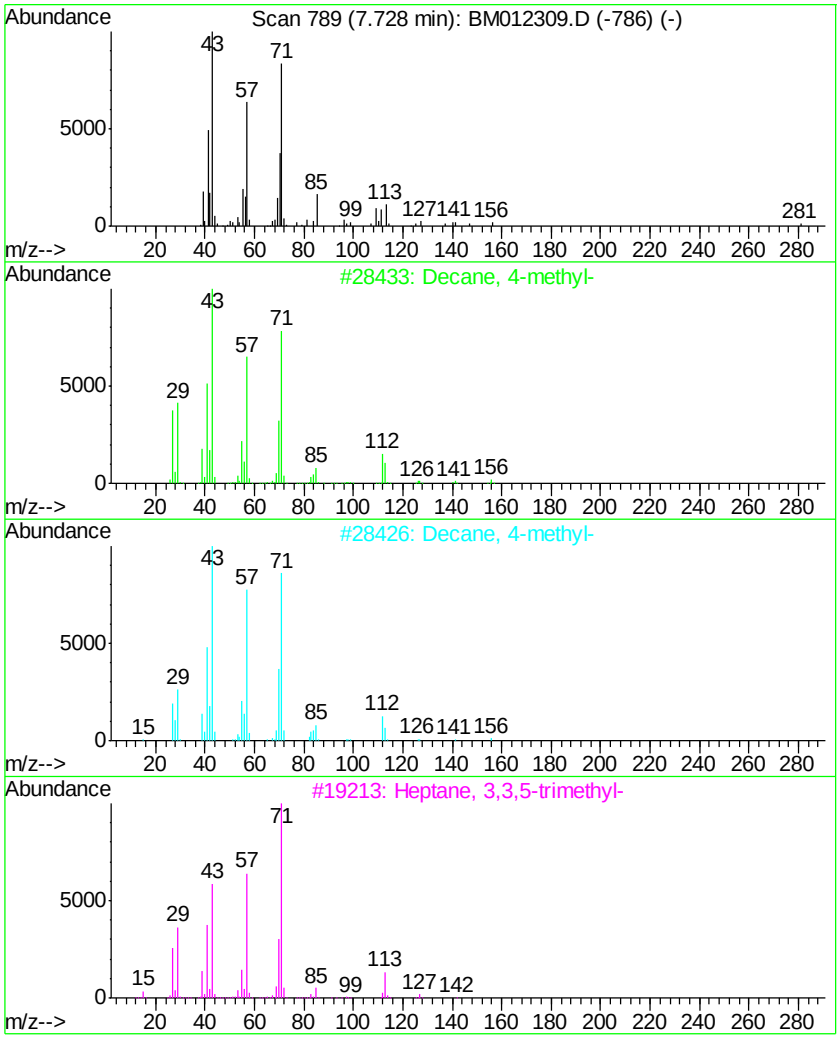
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

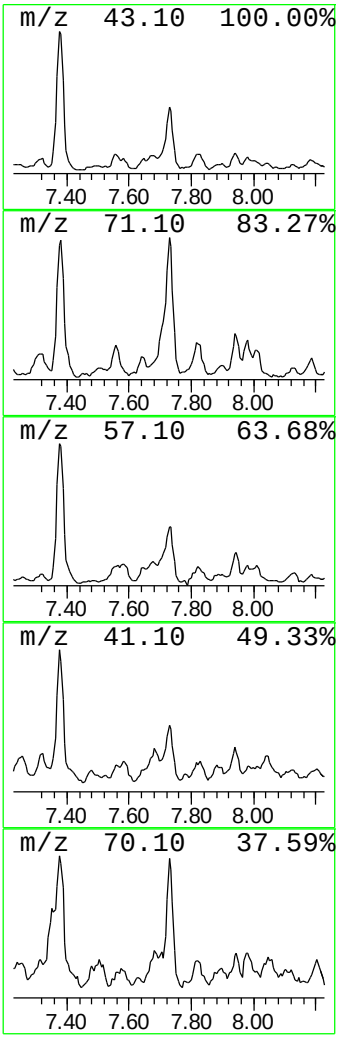
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	3.14 ng/ul	329729	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Decane, 4-methyl-	156	C11H24	002847-72-5	74
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

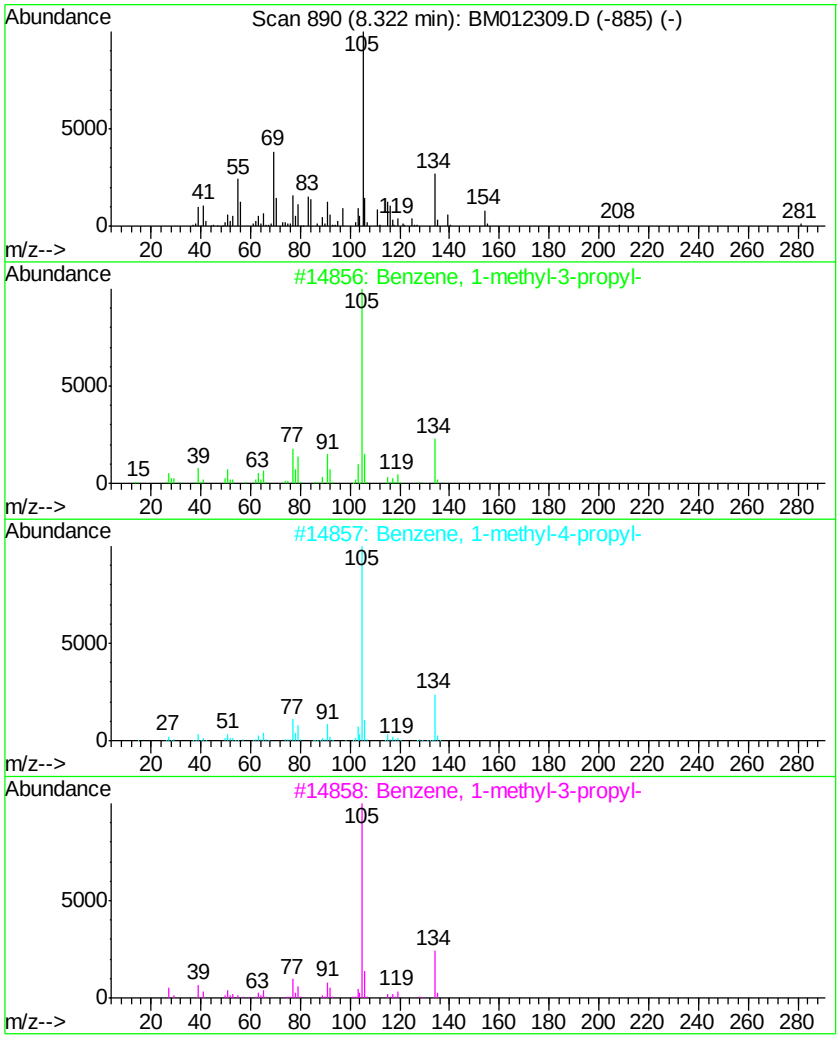
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

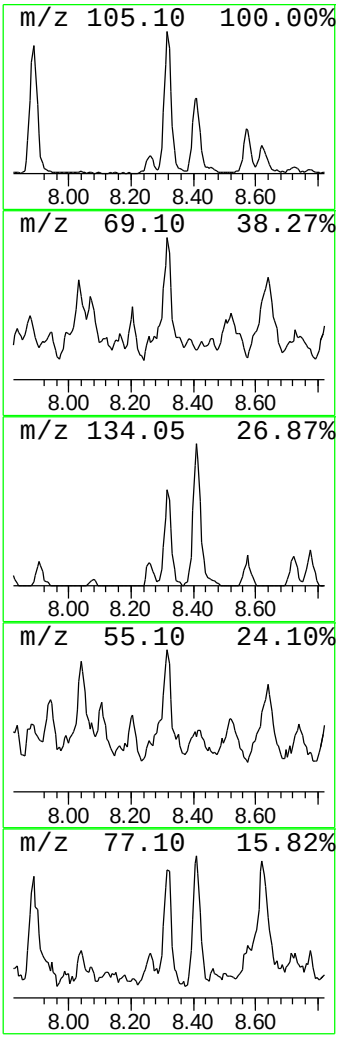
****

Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	5.41 ng/ul	568755	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	50
4	2-Tolyloxirane	134	C9H10O	002783-26-8	50
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

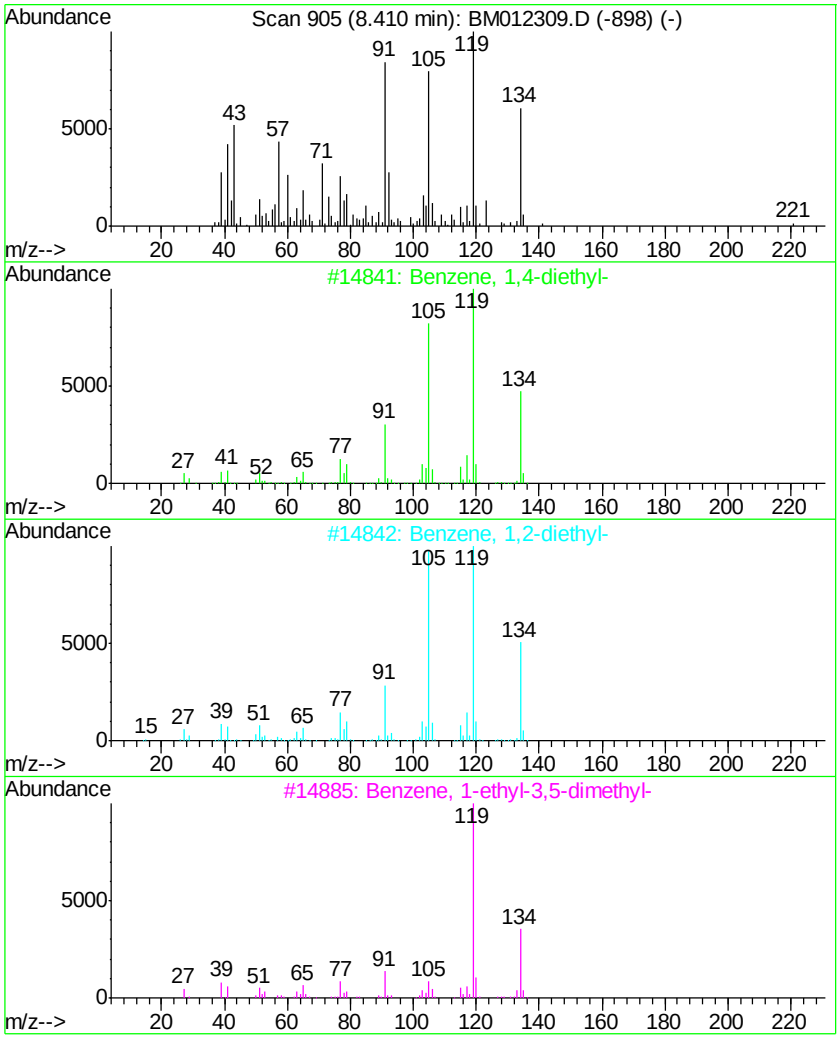
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

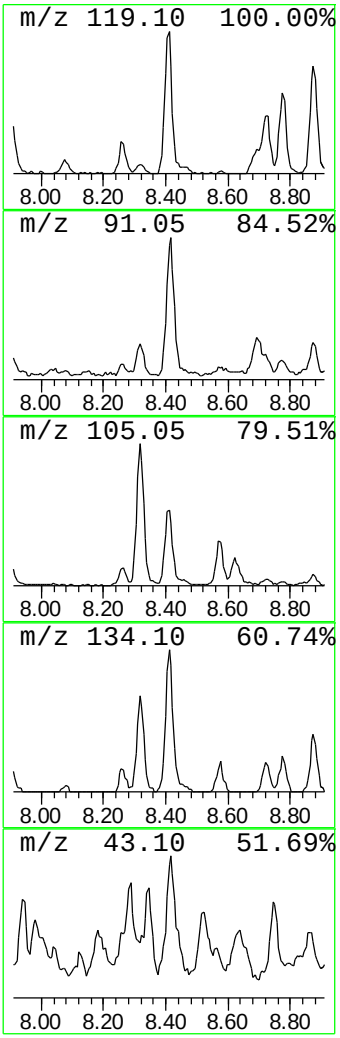
****

Peak Number 18 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	5.75 ng/ul	603988	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	89
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

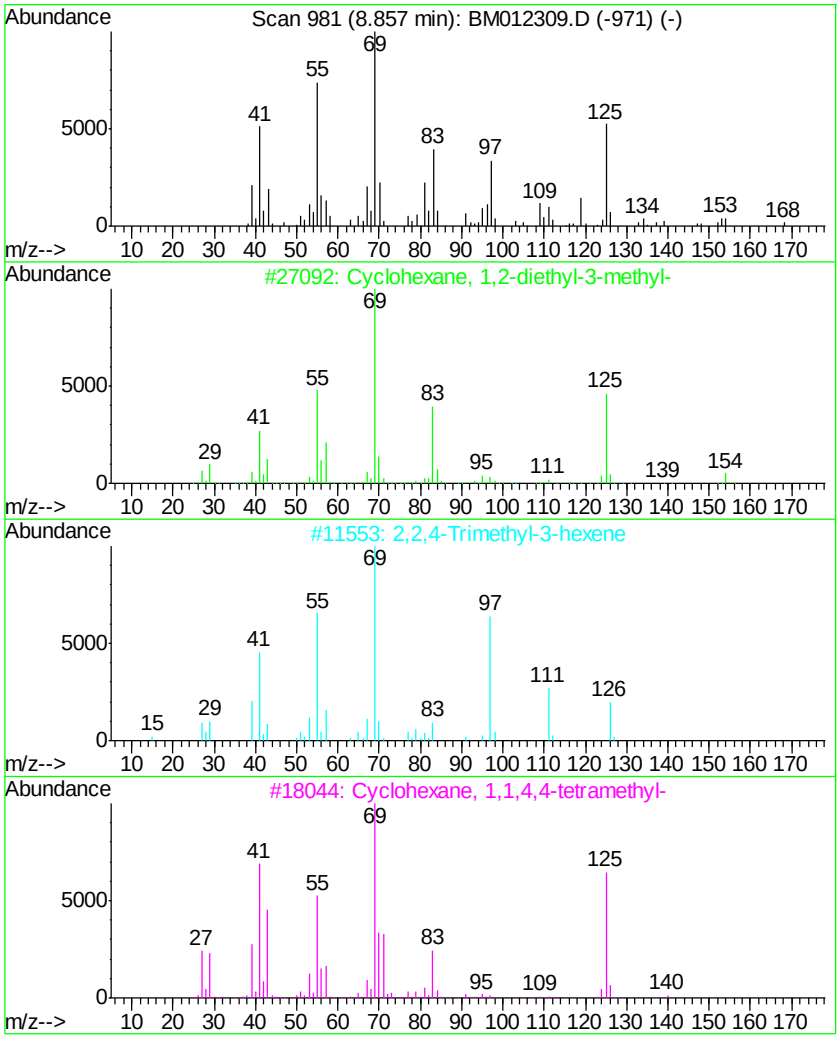
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

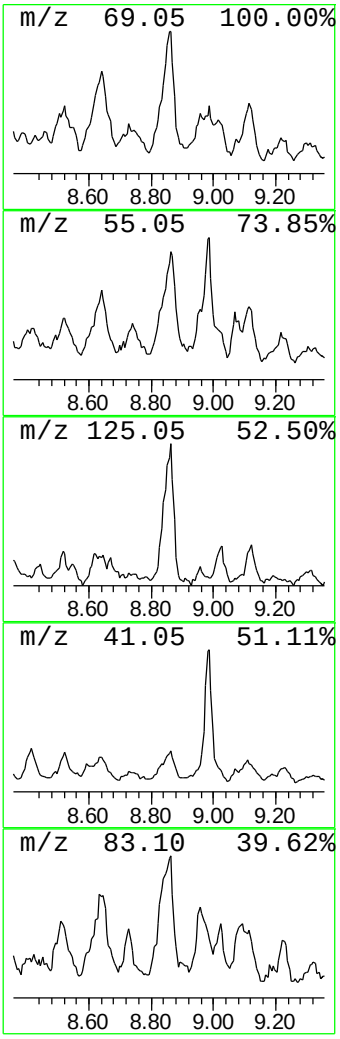
****

Peak Number 19 (DEL) Alkane: Cyclic8.86 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	5.31 ng/ul	557789	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	43
2	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	38
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
5	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	27





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

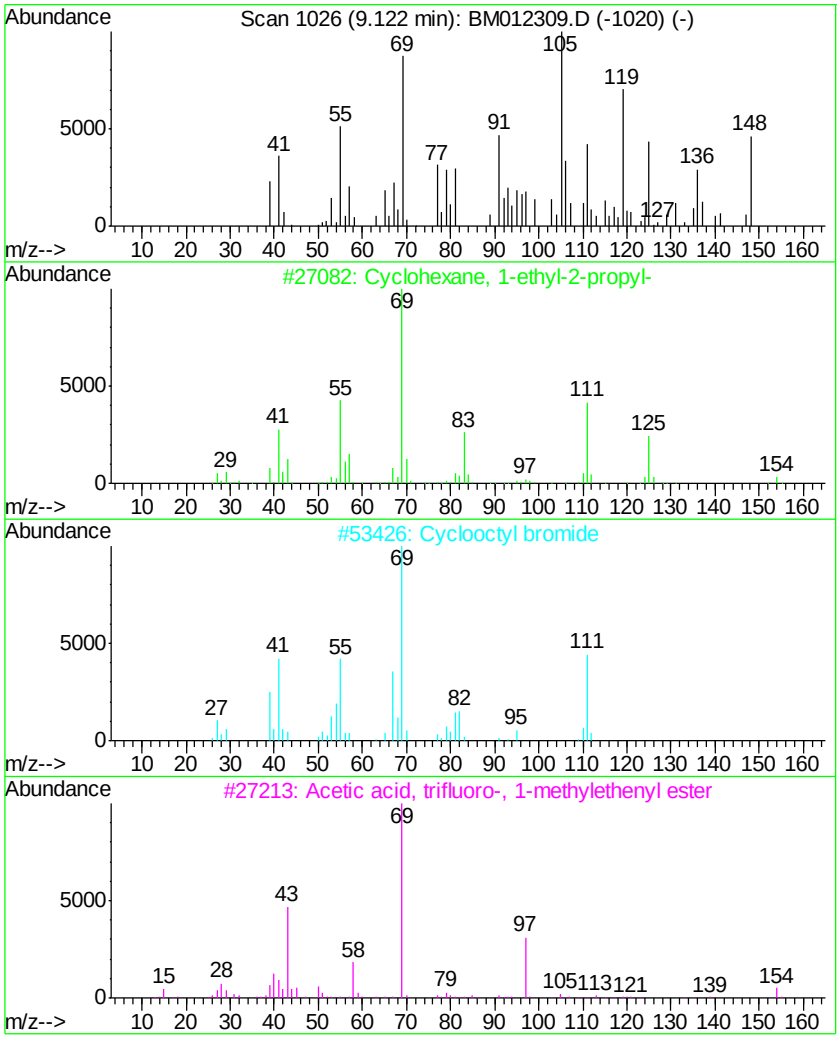
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

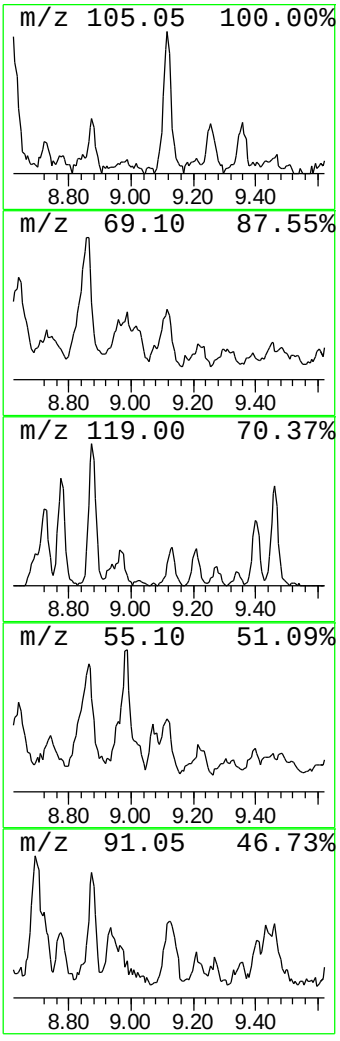
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic9.12 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	3.32 ng/ul	349026	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
2	Cyclooctyl bromide	190	C8H15Br	001556-09-8	22
3	Acetic acid, trifluoro-, 1-methy...	154	C5H5F3O2	000400-39-5	22
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	22
5	Cyclopropanecarboxaldehyde, 2-me...	166	C11H18O	097231-35-1	22





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

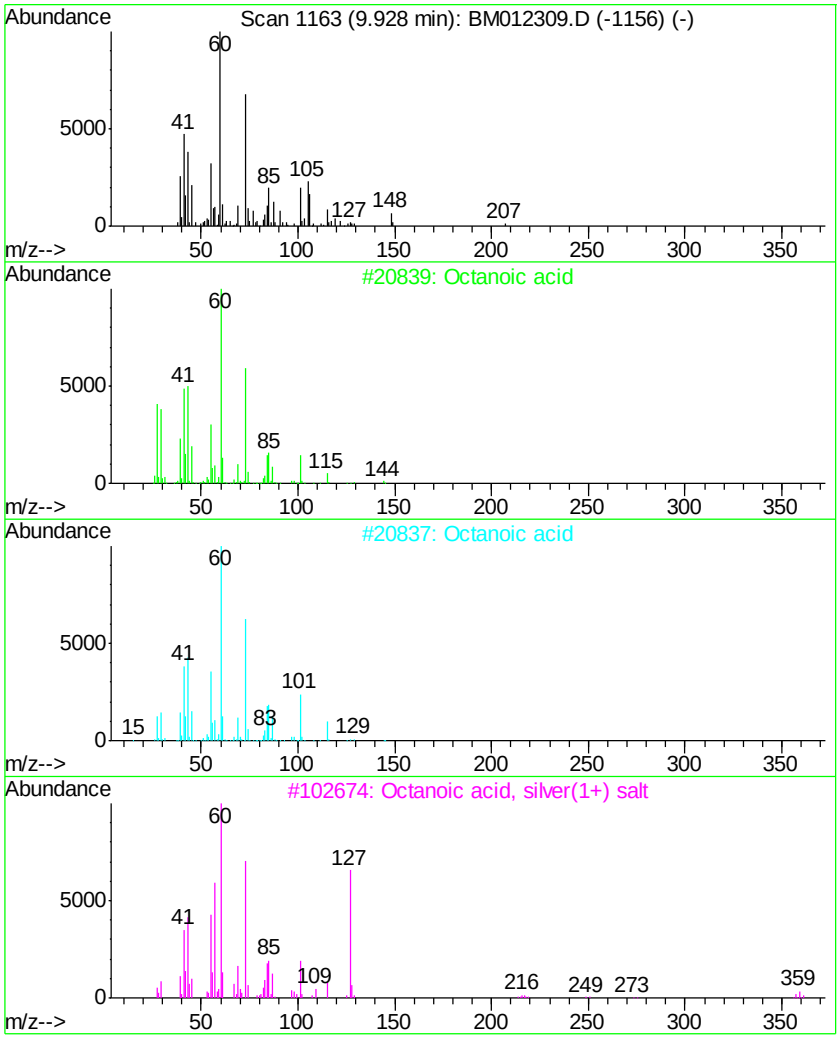
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

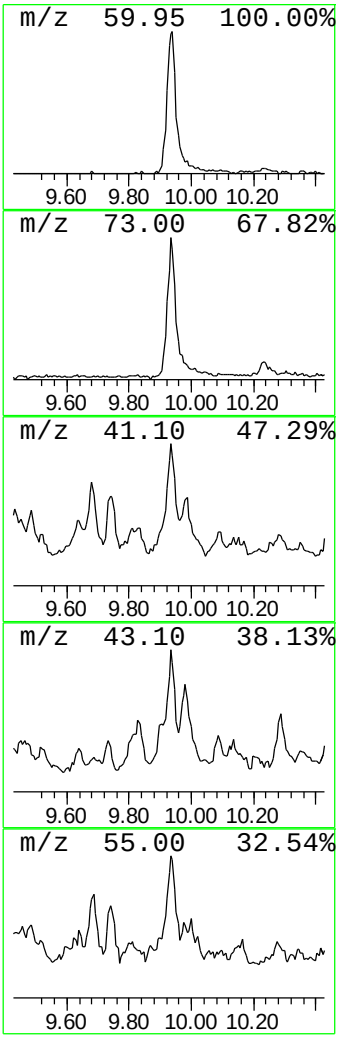
****

Peak Number 21 Octanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	2.73 ng/ul	356303	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	80
2	Octanoic acid	144	C8H16O2	000124-07-2	72
3	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	53
4	Pentanoic acid	102	C5H10O2	000109-52-4	47
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	47





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

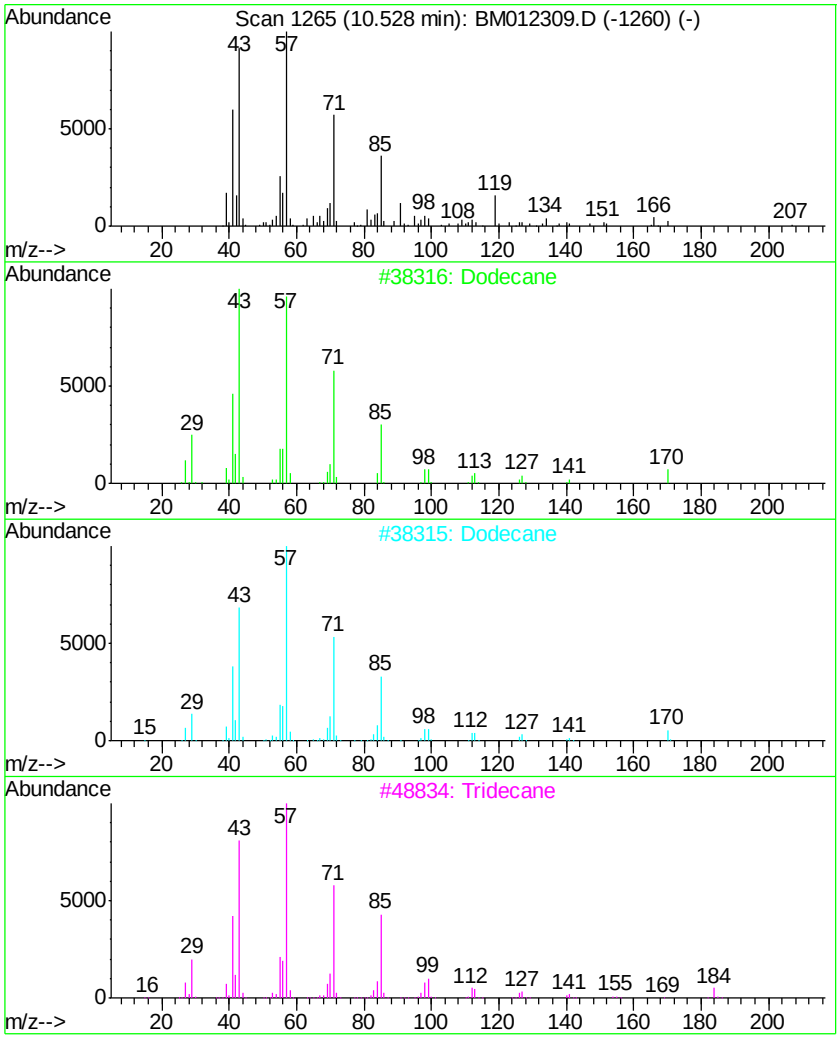
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

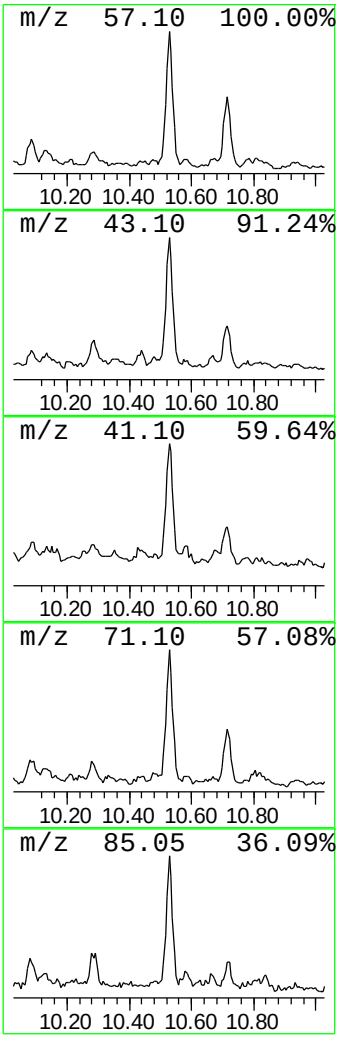
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.39 ng/ul	312178	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Dodecane	170	C12H26	000112-40-3	76
3	Tridecane	184	C13H28	000629-50-5	59
4	Tetradecane	198	C14H30	000629-59-4	59
5	Heptadecane	240	C17H36	000629-78-7	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

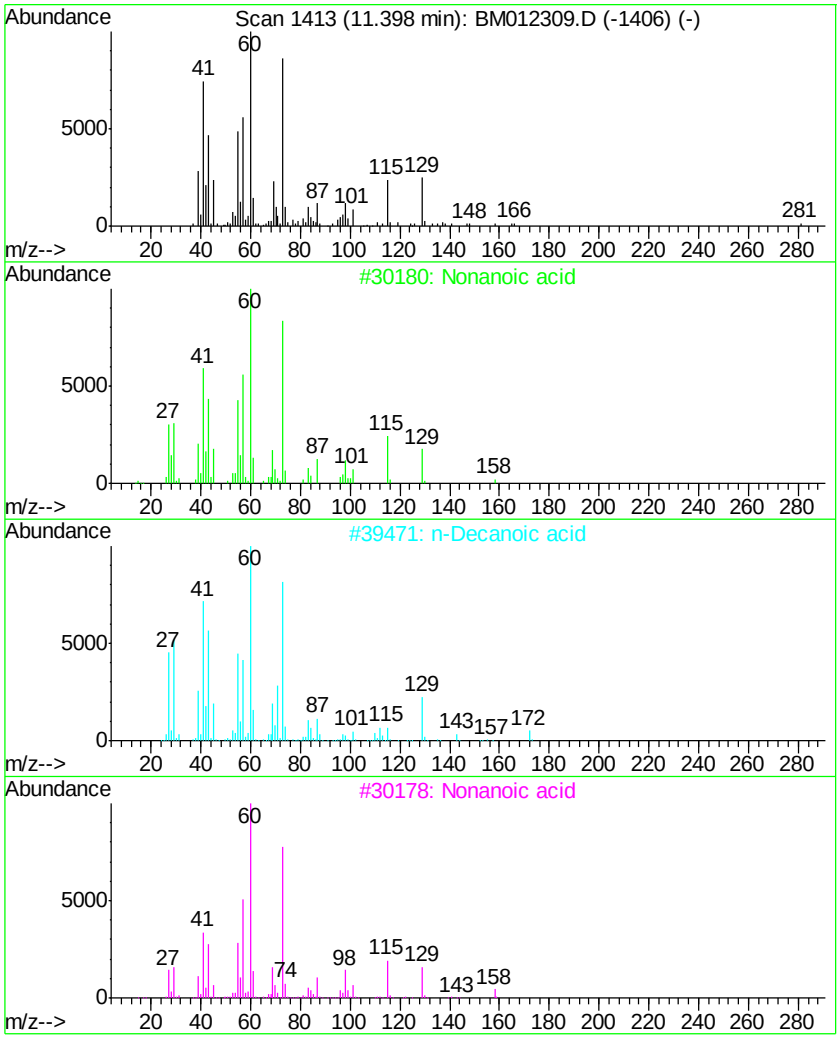
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

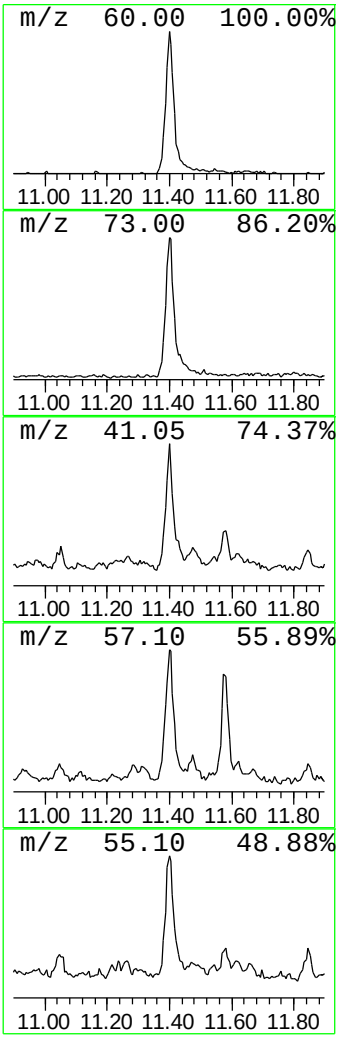
****

Peak Number 23 Nonanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	3.55 ng/ul	464462	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	76
2	n-Decanoic acid	172	C10H20O2	000334-48-5	59
3	Nonanoic acid	158	C9H18O2	000112-05-0	53
4	Octanoic acid	144	C8H16O2	000124-07-2	45
5	Butanoic acid, 4-chloro-	122	C4H7ClO2	000627-00-9	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

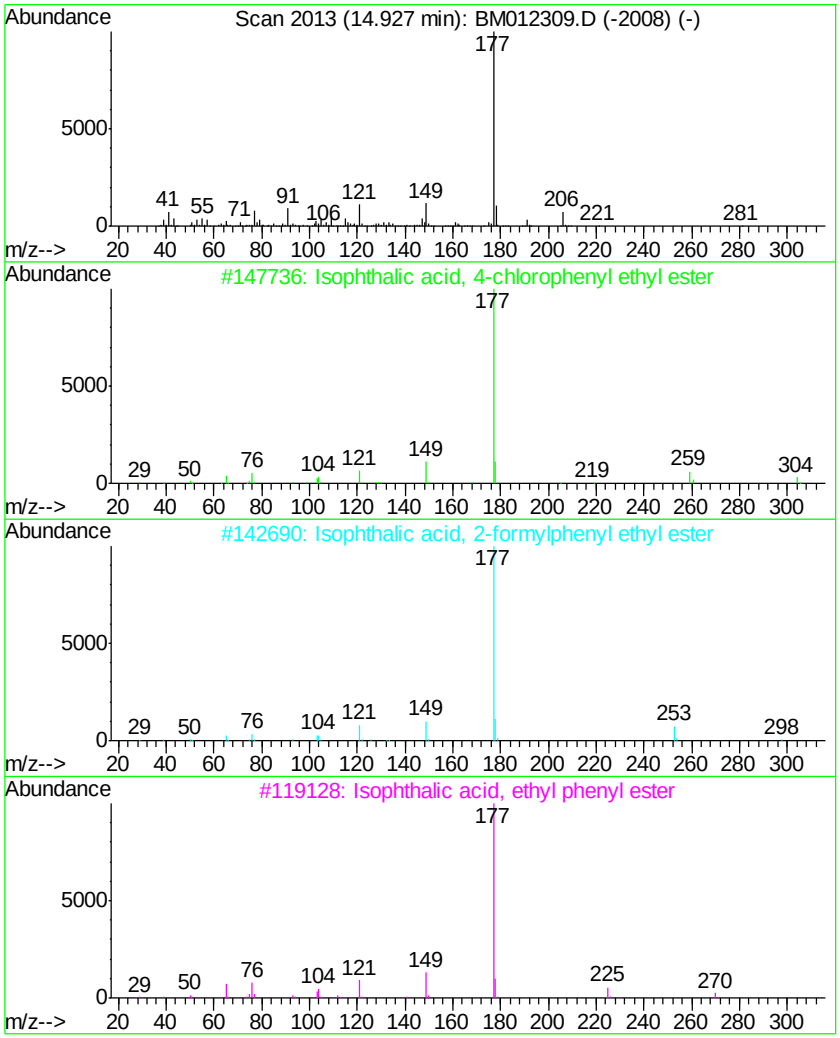
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

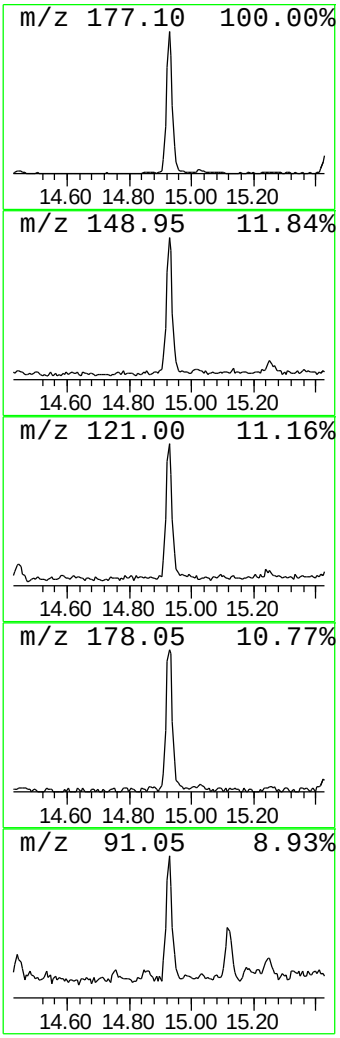
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Isophthalic acid, 4-chlorop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.92 ng/ul	643312	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophthalic acid, 4-chlorophenyl...	304	C16H13ClO4	1000344-57-5	64
2	Isophthalic acid, 2-formylphenyl...	298	C17H14O5	1000344-61-0	64
3	Isophthalic acid, ethyl phenyl e...	270	C16H14O4	1000344-35-4	64
4	Isophthalic acid, 3,5-difluoroph...	306	C16H12F2O4	1000344-36-7	64
5	Isophthalic acid, ethyl 3-methyl...	264	C15H20O4	1000344-71-7	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

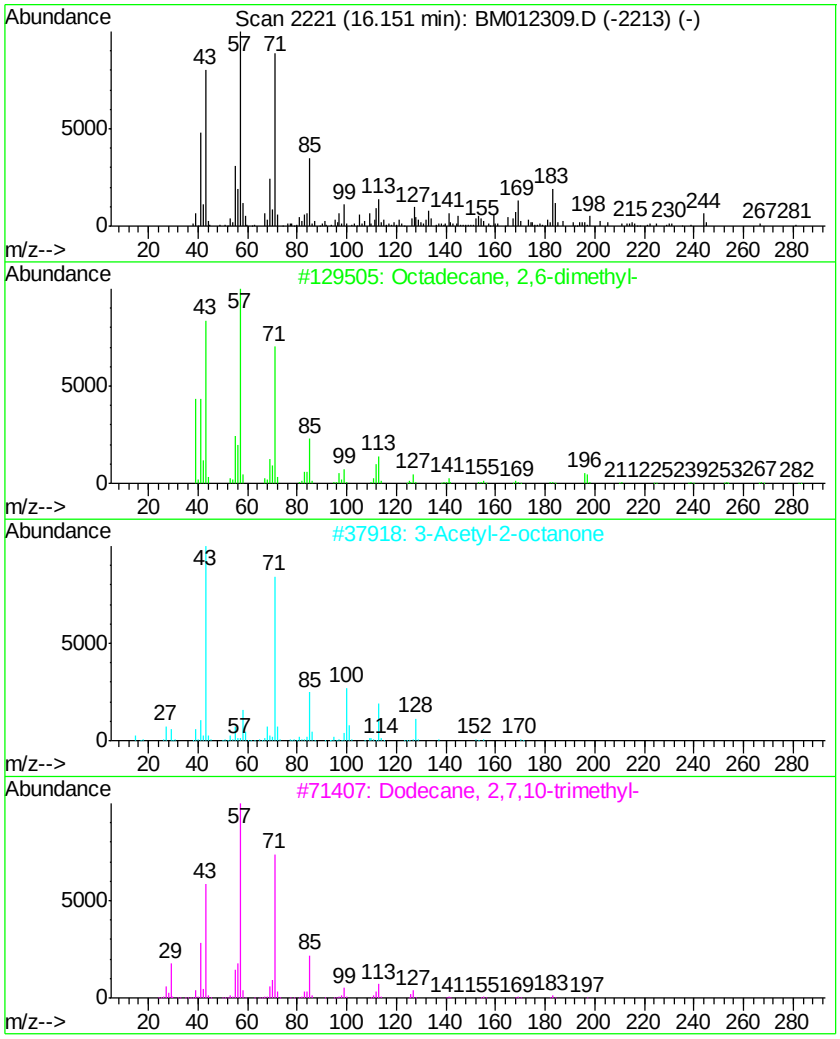
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

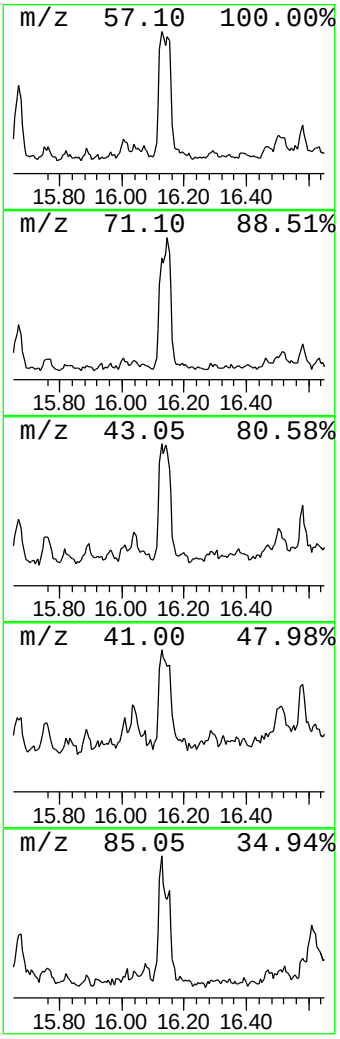
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	4.00 ng/ul	666415	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	68
2	3-Acetyl-2-octanone	170	C10H18O2	027970-50-9	58
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4	Tetradecane	198	C14H30	000629-59-4	52
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

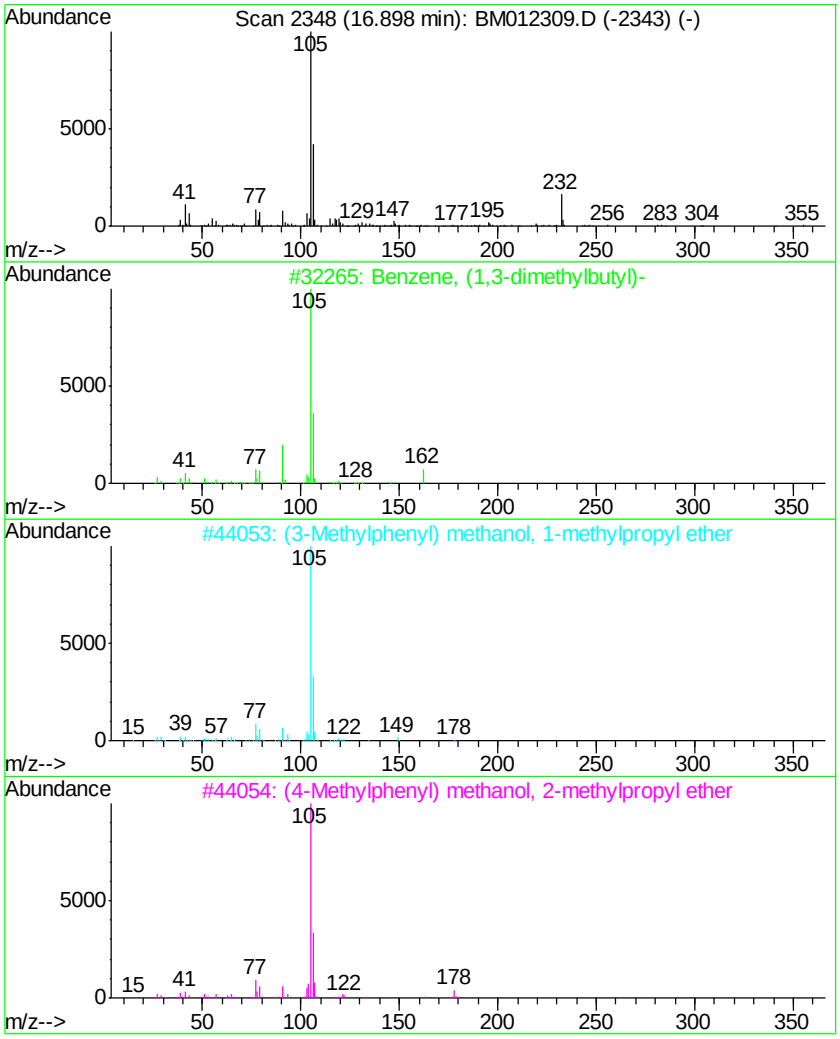
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

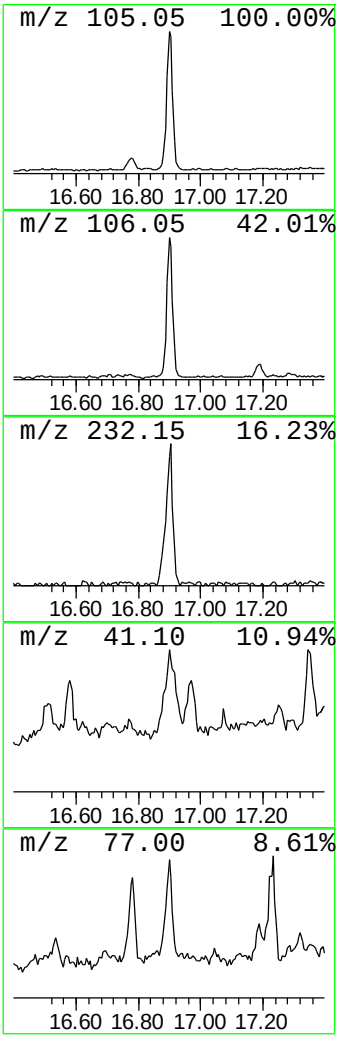
****

Peak Number 26 Benzene, (1,3-dimethylbutyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	3.28 ng/ul	546603	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	53
2	(3-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-58-5	53
3	(4-Methylphenyl) methanol, 2-met...	178	C12H18O	1000374-65-2	47
4	(3-Methylphenyl) methanol, neope...	192	C13H20O	1000374-44-1	47
5	(3-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-43-9	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

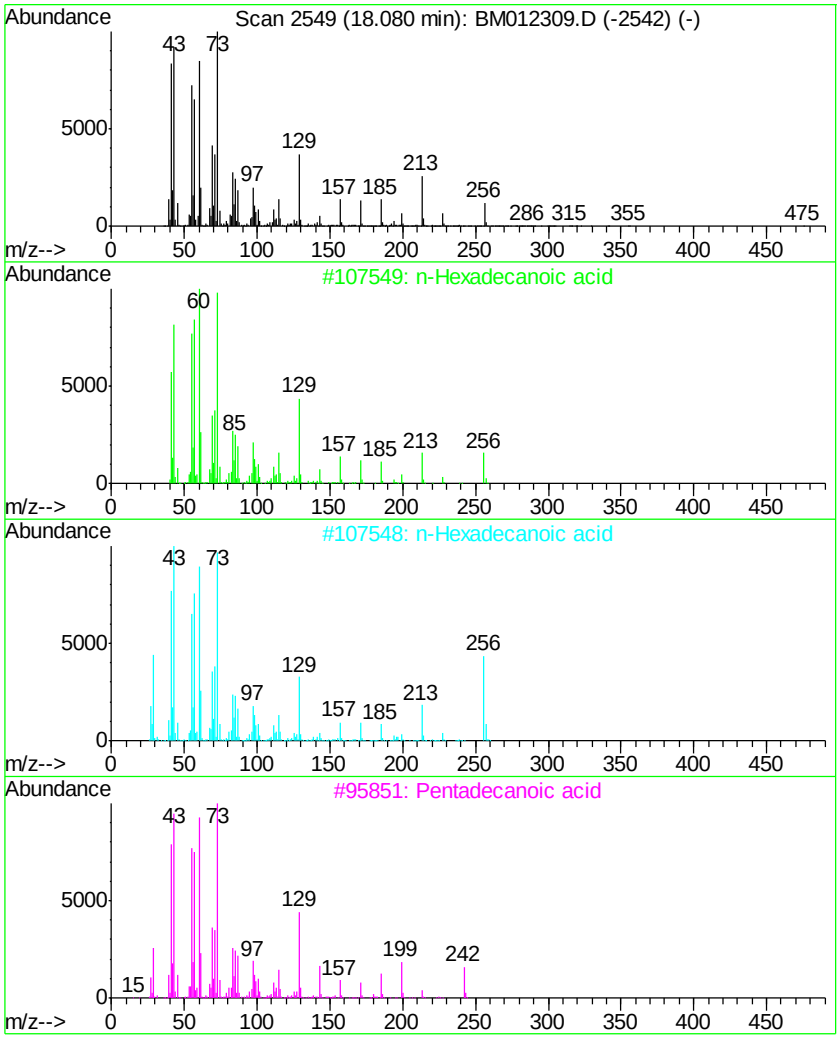
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

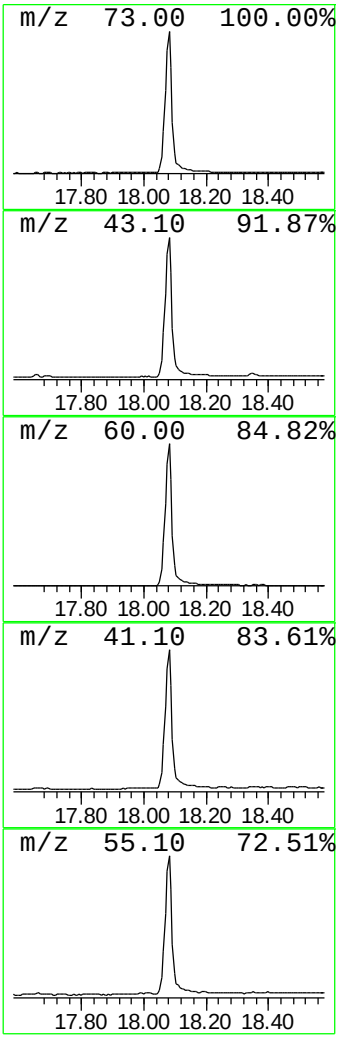
****

Peak Number 27 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	80.26 ng/ul	13362500	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

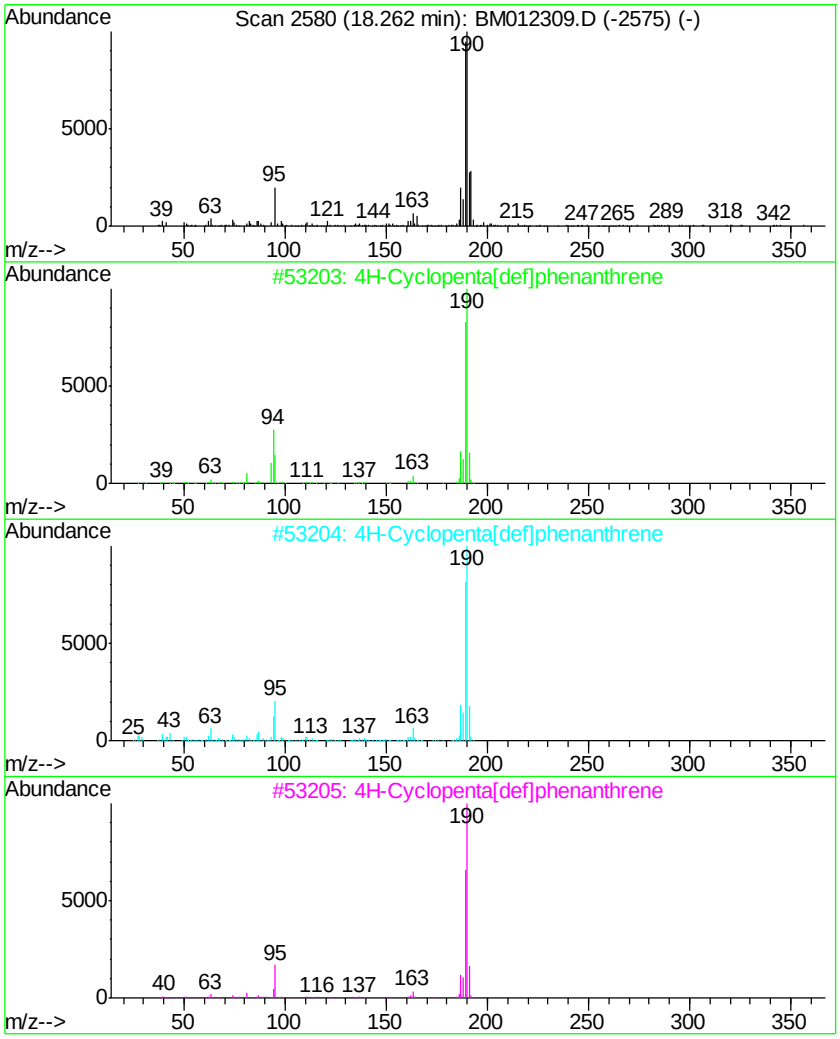
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

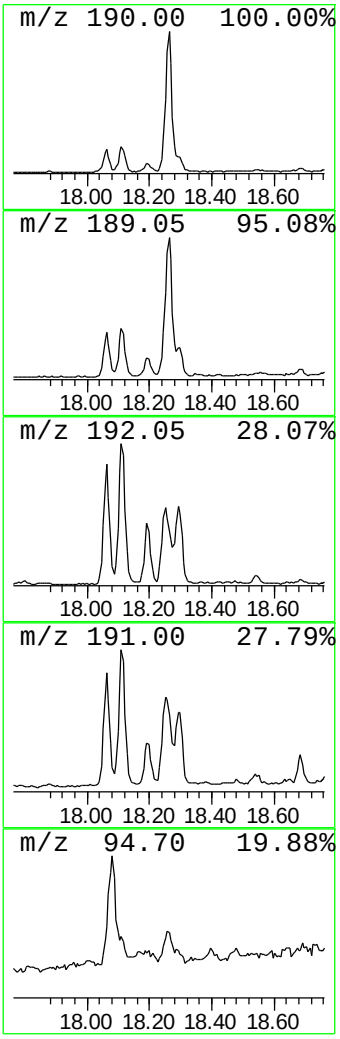
****

Peak Number 28 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	4.14 ng/ul	688796	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

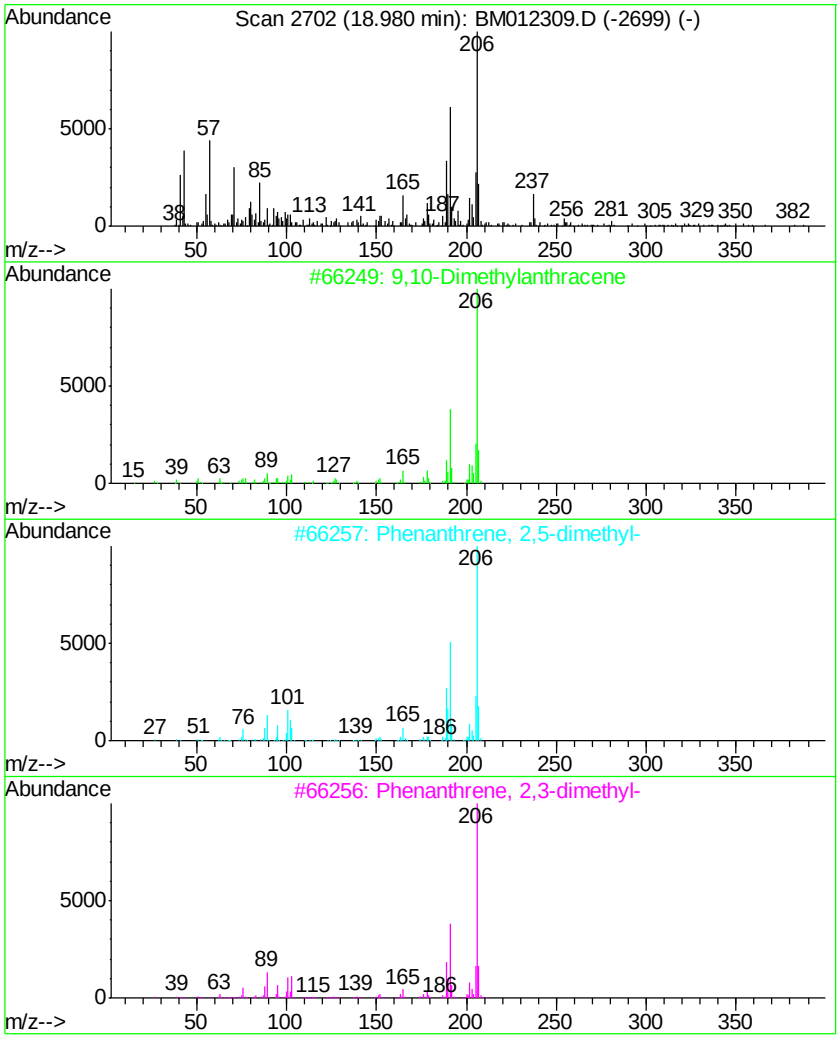
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

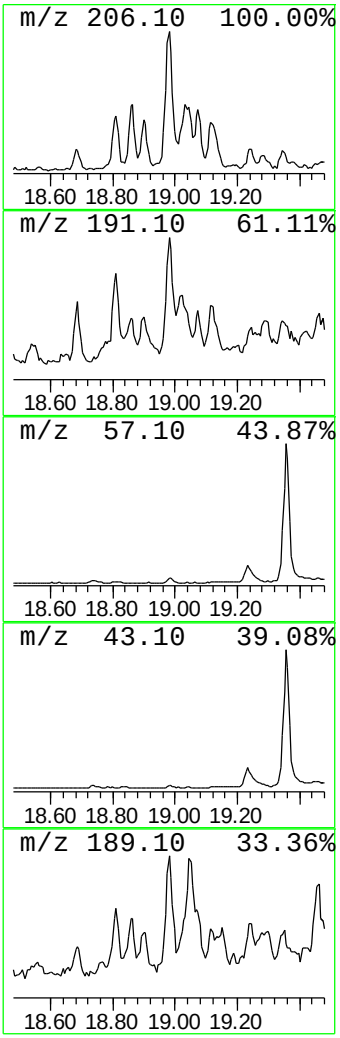
****

Peak Number 29 9,10-Dimethylanthracene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	2.85 ng/ul	474962	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	89
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

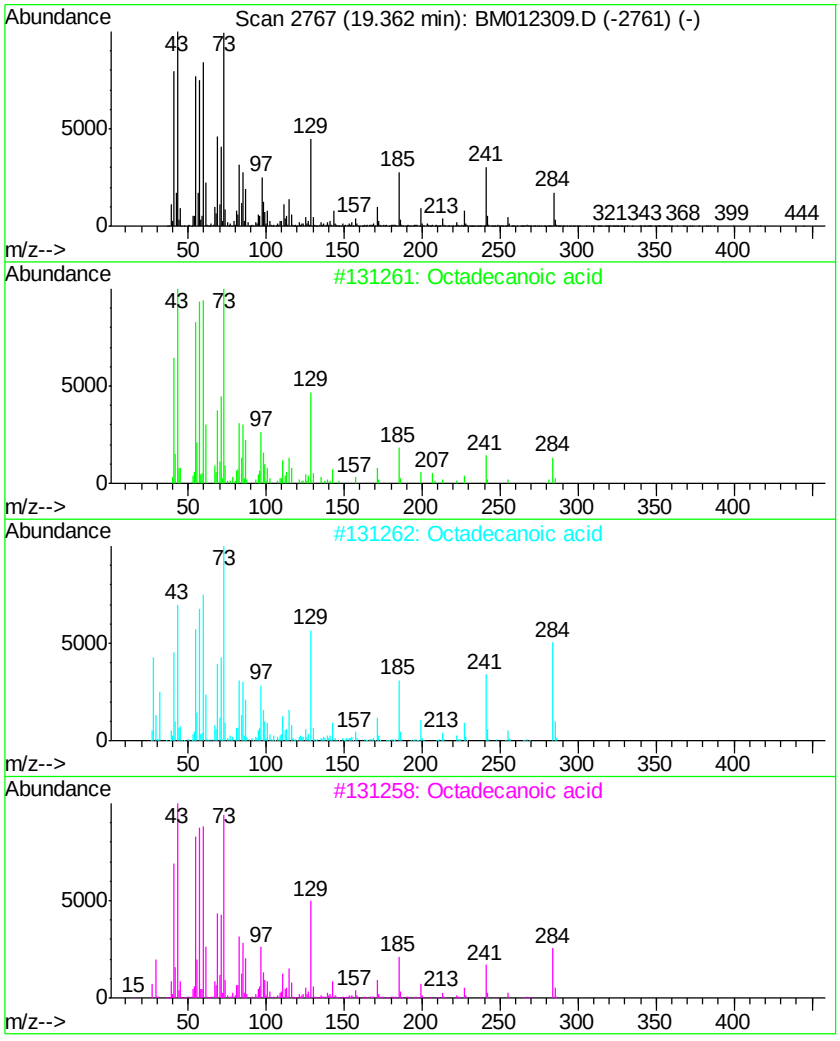
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

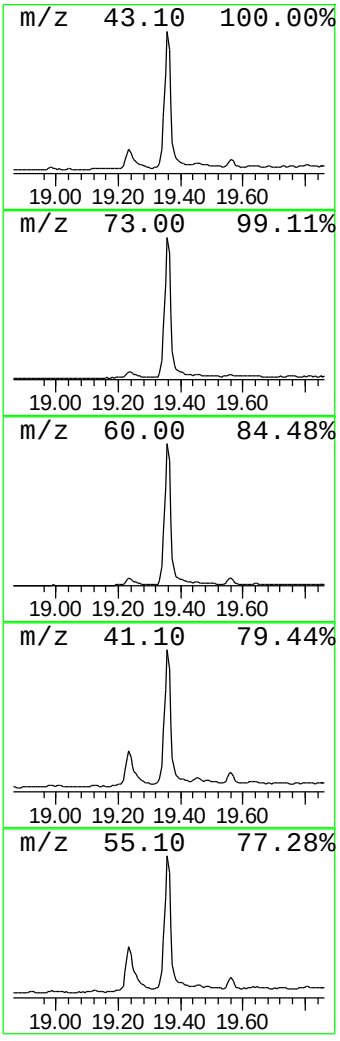
****

Peak Number 30 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	29.97 ng/ul	11981300	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

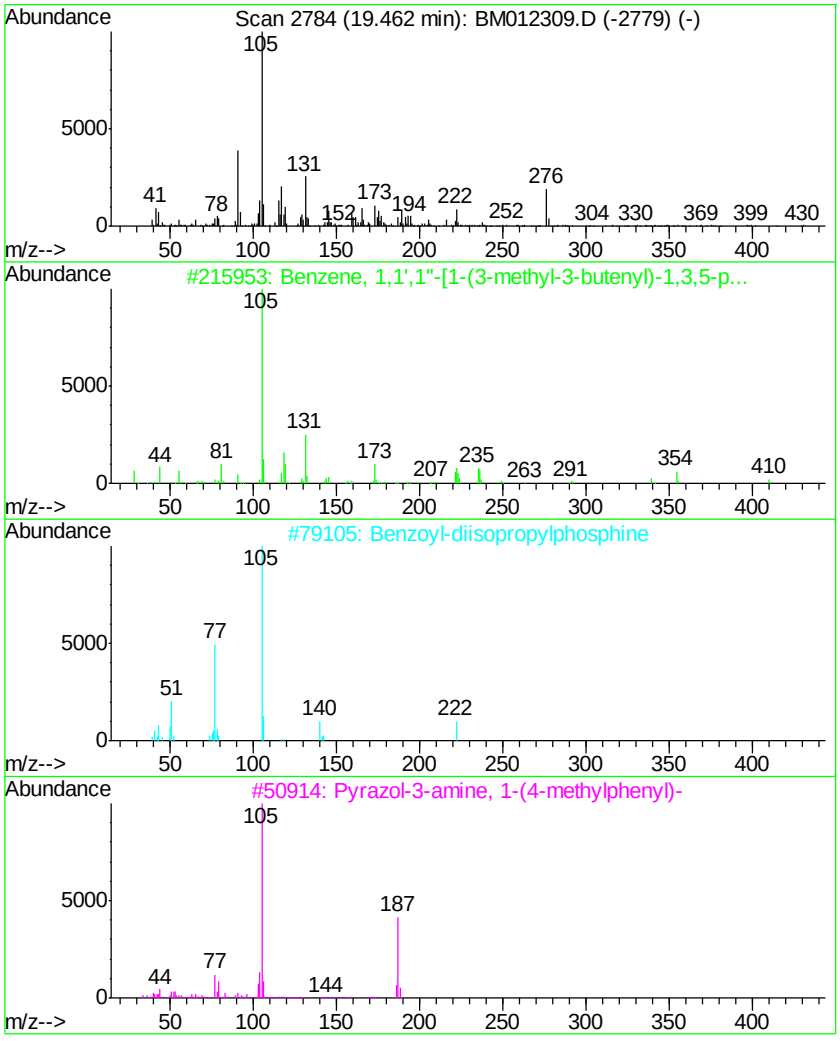
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

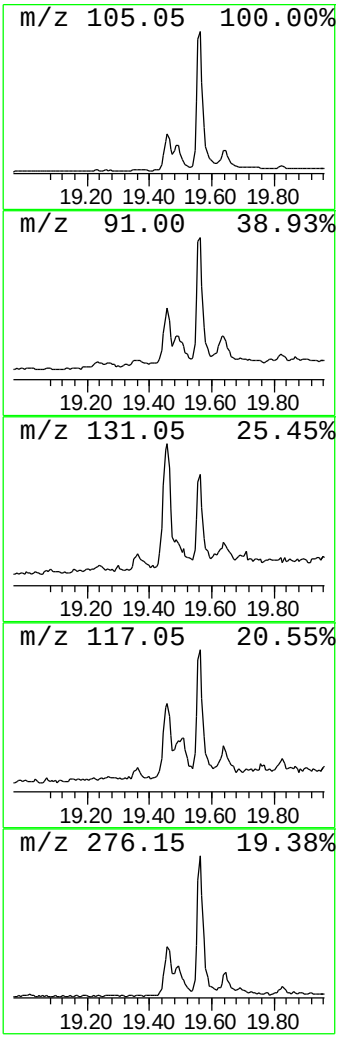
****

Peak Number 31 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.67 ng/ul	1069340	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1',1''-[1-(3-methyl-3...	410	C31H38	074685-55-5	40
2	Benzoyl-diisopropylphosphine	222	C13H19OP	051049-59-3	14
3	Pyrazol-3-amine, 1-(4-methylphen...	187	C11H13N3	1000272-83-6	14
4	Bicyclo[3.1.1]hept-3-ene-spiro-2...	194	C12H18O2	1000149-76-2	13
5	Flamprop-isopropyl	363	C19H19ClFNO3	052756-22-6	12





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

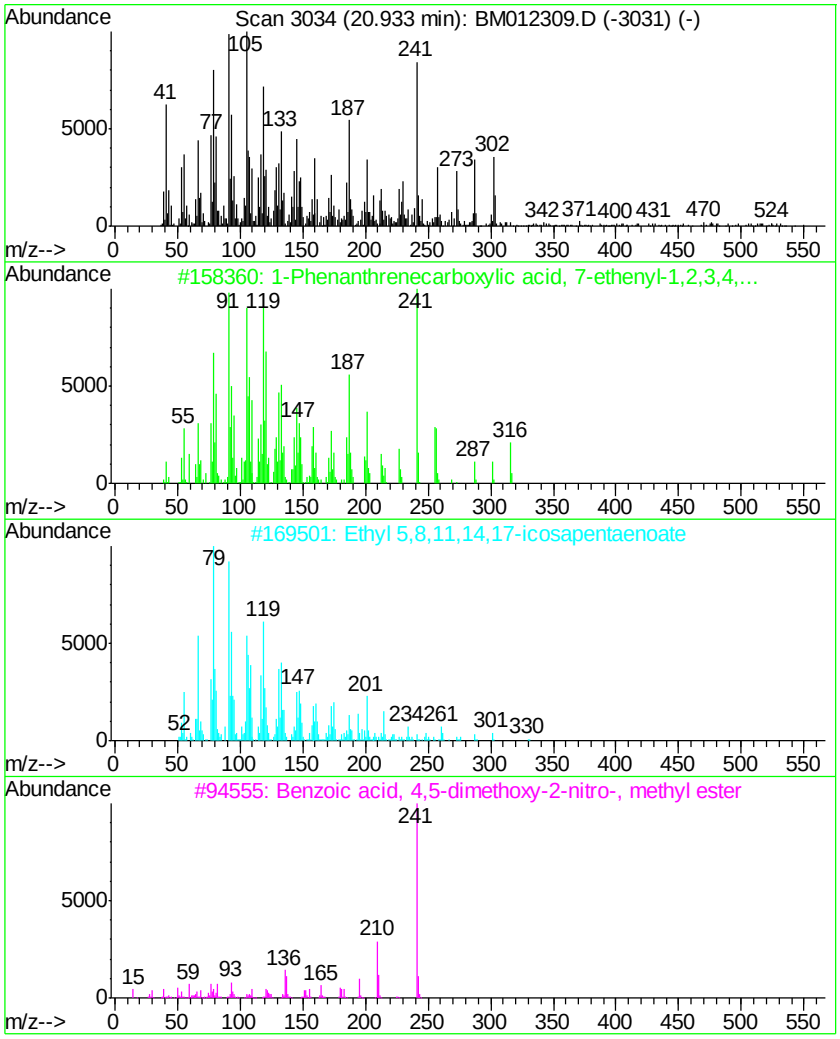
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

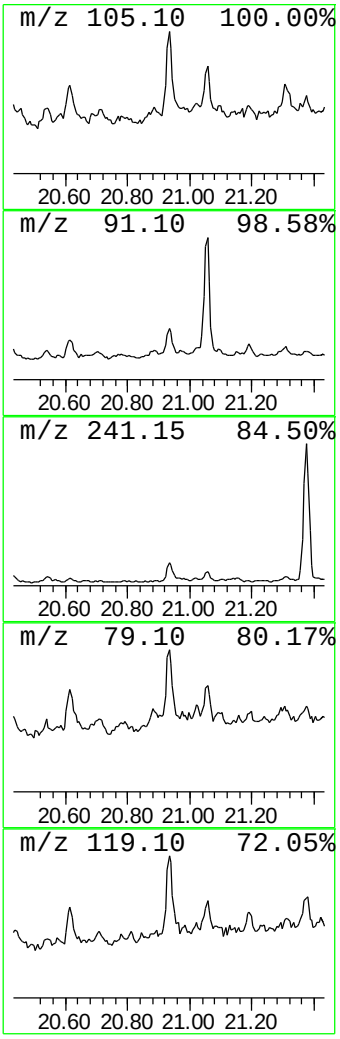
****

Peak Number 32 1-Phenanthrenecarboxylic ac... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.76 ng/ul	1105030	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	93
2	Ethyl 5,8,11,14,17-icosapentaenoate	330	C22H34O2	084494-70-2	47
3	Benzoic acid, 4,5-dimethoxy-2-ni...	241	C10H11NO6	026791-93-5	15
4	Andrographolide	350	C20H30O5	005508-58-7	15
5	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	15





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

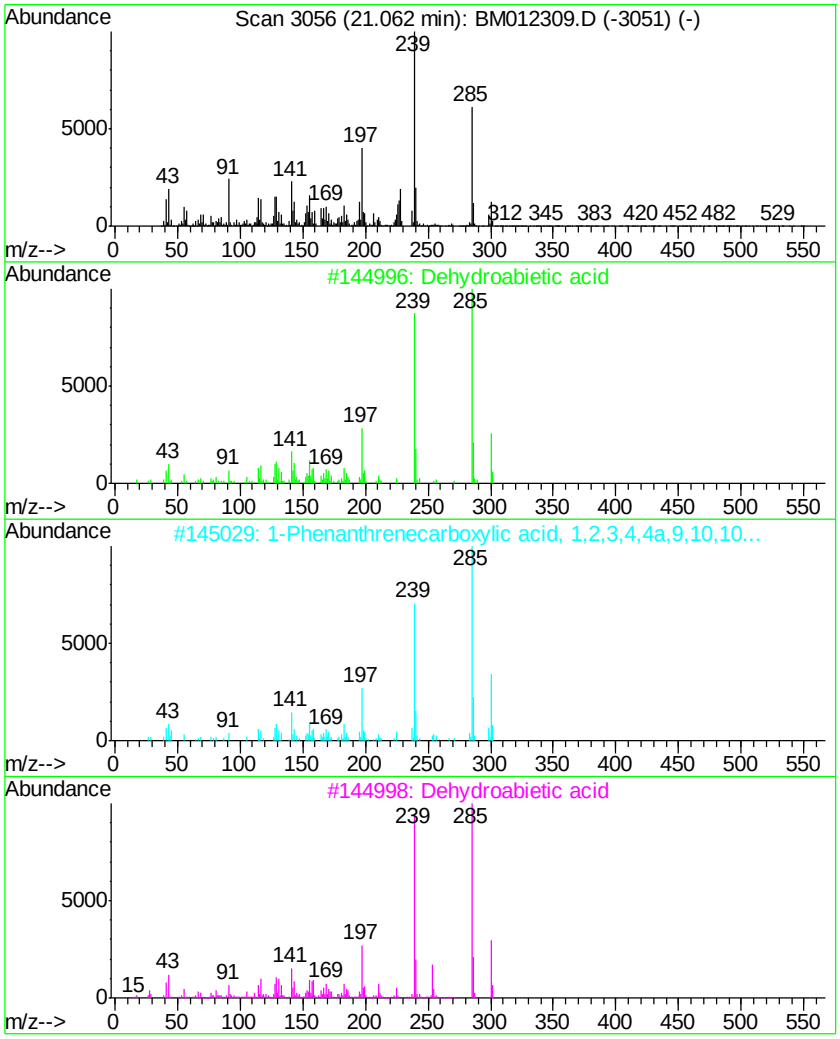
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

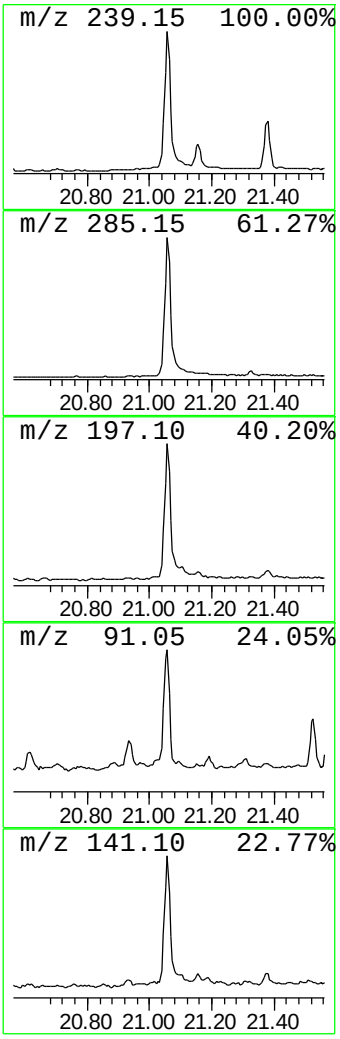
****

Peak Number 33 Dehydroabietic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	12.77 ng/ul	5104500	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	95
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	87
5	2-Phenyl-4-(propen-1-yl)-pyrimid...	239	C14H13N3O	1000287-21-7	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

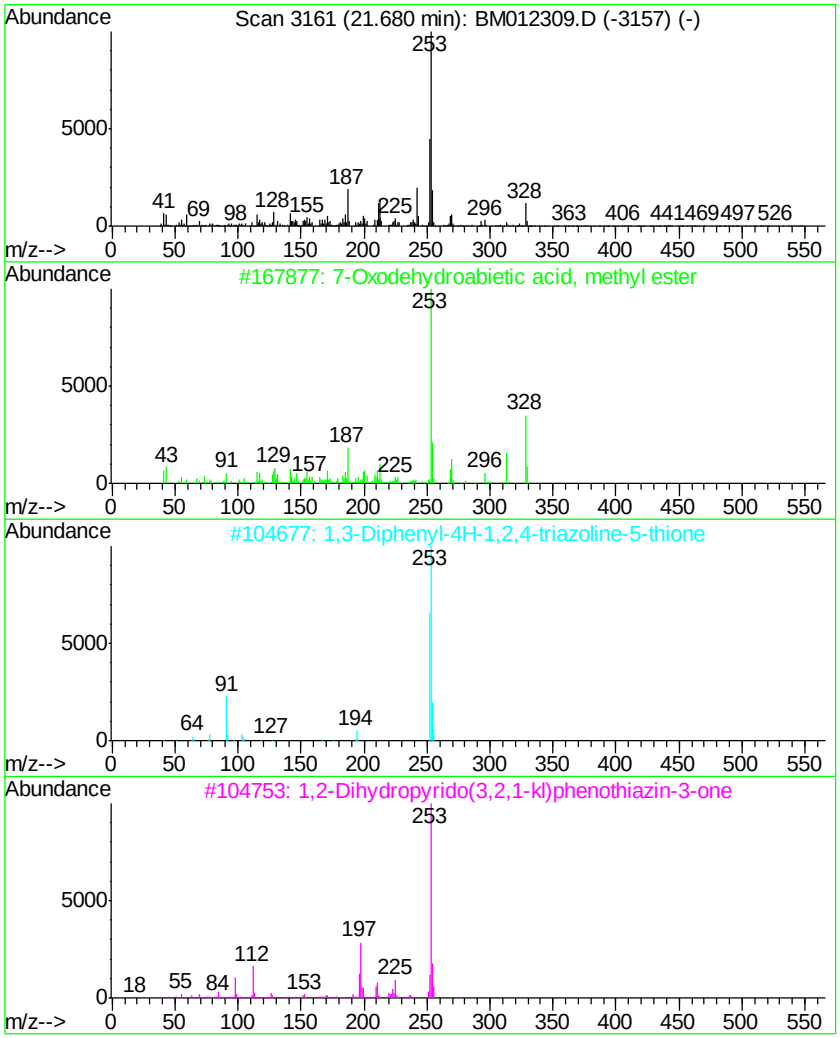
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

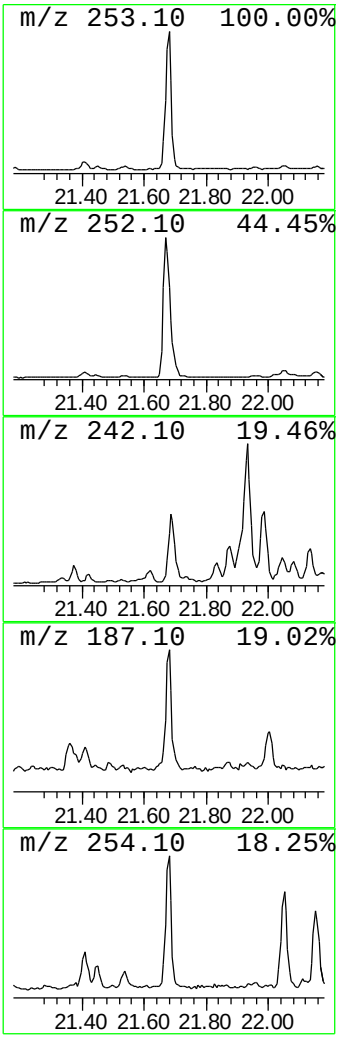
****

Peak Number 34 7-Oxodehydroabietic acid, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	7.59 ng/ul	3033470	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	83
2	1,3-Diphenyl-4H-1,2,4-triazoline...	253	C14H11N3S	005055-73-2	50
3	1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	43
4	Fumaric acid, 3-hexyl undecyl ester	354	C21H38O4	1000348-61-0	42
5	7-(2-Hydroxyphenyl)(7H)triazolo[...	253	C12H7N5O2	166766-15-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012309.D
Acq On : 19 Oct 2017 09:12
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-30(0-1)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
2,5-Norbornadiene	3.95	2.2	ng/ul	233278	1	7.78	2102050	20.0
(DEL) Alkane: Cyc...	4.95	3.0	ng/ul	311685	1	7.78	2102050	20.0
(DEL) Alkane: Cyc...	5.70	2.4	ng/ul	251097	1	7.78	2102050	20.0
(DEL) Alkane: Cyc...	6.02	4.4	ng/ul	458290	1	7.78	2102050	20.0
(DEL) Alkane: Str...	6.42	5.5	ng/ul	574007	1	7.78	2102050	20.0
Benzene, 1-ethyl-...	6.86	3.8	ng/ul	396860	1	7.78	2102050	20.0
(DEL) Alkane: Str...	6.90	7.6	ng/ul	802490	1	7.78	2102050	20.0
Bicyclo[3.1.1]hep...	7.25	2.2	ng/ul	230343	1	7.78	2102050	20.0
(DEL) Alkane: Str...	7.37	6.0	ng/ul	636188	1	7.78	2102050	20.0
Benzene, 1,2,3-tr...	7.42	5.8	ng/ul	611195	1	7.78	2102050	20.0
(DEL) Alkane: Cyc...	7.58	2.3	ng/ul	246379	1	7.78	2102050	20.0
(DEL) Alkane: Cyc...	7.68	4.9	ng/ul	514744	1	7.78	2102050	20.0
(DEL) Alkane: Str...	7.73	3.1	ng/ul	329729	1	7.78	2102050	20.0
Benzene, 1-methyl...	8.32	5.4	ng/ul	568755	1	7.78	2102050	20.0
Benzene, 1,4-diet...	8.41	5.8	ng/ul	603988	1	7.78	2102050	20.0
(DEL) Alkane: Cyc...	8.86	5.3	ng/ul	557789	1	7.78	2102050	20.0
(DEL) Alkane: Cyc...	9.12	3.3	ng/ul	349026	1	7.78	2102050	20.0
Octanoic acid	9.93	2.7	ng/ul	356303	2	10.58	2613540	20.0
(DEL) Alkane: Str...	10.53	2.4	ng/ul	312178	2	10.58	2613540	20.0
Nonanoic acid	11.40	3.5	ng/ul	464462	2	10.58	2613540	20.0
Isophthalic acid,...	14.93	3.9	ng/ul	643312	3	14.44	3285120	20.0
(DEL) Alkane: Str...	16.15	4.0	ng/ul	666415	4	17.19	3329910	20.0
Benzene, (1,3-dim...	16.90	3.3	ng/ul	546603	4	17.19	3329910	20.0
n-Hexadecanoic acid	18.08	80.3	ng/ul	13362500	4	17.19	3329910	20.0
4H-Cyclopenta[def...	18.26	4.1	ng/ul	688796	4	17.19	3329910	20.0
9,10-Dimethylanth...	18.98	2.9	ng/ul	474962	4	17.19	3329910	20.0
Octadecanoic acid	19.36	30.0	ng/ul	11981300	5	21.37	7996180	20.0
unknown-01	19.46	2.7	ng/ul	1069340	5	21.37	7996180	20.0
1-Phenanthrenecar...	20.93	2.8	ng/ul	1105030	5	21.37	7996180	20.0
Dehydroabietic acid	21.06	12.8	ng/ul	5104500	5	21.37	7996180	20.0
7-Oxodehydroabiet...	21.68	7.6	ng/ul	3033470	5	21.37	7996180	20.0