LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

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-BM102417.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	5.104	339	343	349	rBV2	164310	249494	1.53%	0.204%
2	5.263	366	370	374	rBV	132854	178447	1.09%	0.146%
3	5.346	380	384	388	rBV3	149597	268244	1.64%	0.219%
4	5.410	391	395	400	rVB	471721	687933	4.21%	0.562%
5	5.487	400	408	411	rBV	140184	217213	1.33%	0.177%
6	5.540	411	417	427	rBV	1979346	3572097	21.88%	2.917%
7	5.857	466	471	474	rBV2	128565	191783	1.17%	0.157%
8	5.910	474	480	489	rVB2	1020069	1674020	10.25%	1.367%
9	6.175	517	525	534	rBV6	119275	321862	1.97%	0.263%
10	6.387	555	561	568	rBV4	101250	263002	1.61%	0.215%
11	6.534	577	586	589	rBV5	100866	216662	1.33%	0.177%
12	6.893	636	647	652	rBV2	210407	444539	2.72%	0.363%
13	6.981	658	662	666	rVB	150629	220242	1.35%	0.180%
14	7.040	666	672	680	rBV3	390055	735460	4.50%	0.601%
15	7.110	680	684	692	rVB2	139001	239330	1.47%	0.195%
16	7.210	692	701	708	rBV	185996	355799	2.18%	0.291%
17	7.416	731	736	747	rVB3	234979	466009	2.85%	0.381%
18	7.522	747	754	762	rVB2	296387	673034	4.12%	0.550%
19	7.881	808	815	821	rBV2	2004594	3233754	19.80%	2.640%
20	7.998	831	835	844	rVB2	121261	250316	1.53%	0.204%
21	8.128	852	857	862	rBV	160300	319512	1.96%	0.261%
22	8.434	903	909	914	rBV	385527	630538	3.86%	0.515%
23	8.522	919	924	929	rVV2	587181	999299	6.12%	0.816%
24	8.575	929	933	940	rVB3	353533	611345	3.74%	0.499%
25	8.687	949	952	962	rVB	210528	347413	2.13%	0.284%
26	8.839	973	978	982	rBV	340329	496837	3.04%	0.406%
27	8.887	982	986	993	rVB	436010	667788	4.09%	0.545%
28	8.987	994	1003	1008	rBV	991588	1592266	9.75%	1.300%
29	9.116	1021	1025	1036	rVB	438096	705463	4.32%	0.576%
30	9.239	1036	1046	1053	rBV5	225511	557185	3.41%	0.455%
31	9.322	1053	1060	1064	rVV	328066	557999	3.42%	0.456%
32	9.375	1064	1069	1078	rVV4	123649	259138	1.59%	0.212%
33	9.510	1078	1092	1097	rVV	798910	1443810	8.84%	1.179%
34	9.569	1097	1102	1113	rVB	1345572	2115724	12.96%	1.728%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

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-BM102417.M
Title : SVOA CALIBRATION

35	9.763	1125	1135	1140	rBV4	196421	464797	2.85%	0.380%
36	9.816	1140	1144	1149	rVB3	161316	223515	1.37%	0.183%
37	9.886	1149	1156	1160	rBV3	269845	515986	3.16%	0.421%
38	9.928	1160	1163	1167	rVB	222278	287735	1.76%	0.235%
39	10.034	1175	1181	1184	rBV2	205962	342769	2.10%	0.280%
40	10.081	1184	1189	1196	rVV3	924781	1759129	10.77%	1.436%
41	10.145	1196	1200	1208	rVV2	322267	582267	3.57%	0.475%
42	10.234	1208	1215	1218	rVV	161387	325893	2.00%	0.266%
43	10.286	1218	1224	1234	rVV4	293923	801027	4.91%	0.654%
44	10.381	1234	1240	1250	rVB	301546	469747	2.88%	0.384%
45	10.563	1265	1271	1280	rVB5	80205	198646	1.22%	0.162%
46	10.675	1280	1290	1294	rBV	2638546	4716845	28.89%	3.851%
47	10.722	1294	1298	1307	rVV	1254152	2367583	14.50%	1.933%
48	10.798	1307	1311	1317	rVB	225260	377763	2.31%	0.308%
49	10.892	1323	1327	1334	rVB	266741	429146	2.63%	0.350%
50	11.092	1357	1361	1374	rVB3	169716	320907	1.97%	0.262%
51	11.233	1378	1385	1391	rBV	177743	325342	1.99%	0.266%
52	11.592	1440	1446	1455	rBV2	149885	280902	1.72%	0.229%
53	12.004	1509	1516	1521	rVB	198623	324272	1.99%	0.265%
54	12.333	1564	1572	1577	rVB	142879	231447	1.42%	0.189%
55	13.916	1837	1841	1846	rBV	545252	761894	4.67%	0.622%
56	13.963	1846	1849	1854	rVB	201257	264984	1.62%	0.216%
57	14.204	1881	1890	1895	rBV	567775	895960	5.49%	0.732%
58	14.421	1922	1927	1934	rBV	898746	1440164	8.82%	1.176%
59	14.510	1934	1942	1954	rVB2	4258345	6588925	40.35%	5.380%
60	14.686	1967	1972	1978	rBV	138056	260462	1.60%	0.213%
61	14.898	2003	2008	2016	rVB3	122722	209894	1.29%	0.171%
62	15.245	2061	2067	2071	rBV8	86616	179516	1.10%	0.147%
63	15.304	2072	2077	2085	rVB9	149758	291101	1.78%	0.238%
64	15.374	2085	2089	2092	rBV	156675	193203	1.18%	0.158%
65	15.498	2105	2110	2116	rVB	846432	1208654	7.40%	0.987%
66	15.604	2124	2128	2133	rVB4	122370	178308	1.09%	0.146%
67	15.868	2169	2173	2179	rVB4	109347	173668	1.06%	0.142%
68	16.233	2231	2235	2237	rBV	455399	587606	3.60%	0.480%
69	16.257	2237	2239	2244	rVB	283445	368831	2.26%	0.301%
70	17.027	2366	2370	2375	rBV	445097	635316	3.89%	0.519%
71	17.080	2375	2379	2388	rVB	382239	630508	3.86%	0.515%

LSC Area Percent Report

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Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

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-BM102417.M
Title : SVOA CALIBRATION

72	17.251	2402	2408	2413	rBV	5833085	8111801	49.68%	6.624%
73	17.345	2420	2424	2430	rVB2	947347	1345006	8.24%	1.098%
74	17.762	2491	2495	2499	rVB	920560	1088950	6.67%	0.889%
75	18.221	2568	2573	2578	rBV	3443031	4211916	25.79%	3.439%
76	18.451	2609	2612	2618	rBV	958932	1163174	7.12%	0.950%
77	18.915	2688	2691	2694	rBV	623174	723014	4.43%	0.590%
78	19.086	2716	2720	2724	rBV	1036788	1203888	7.37%	0.983%
79	19.251	2745	2748	2754	rBV4	430760	837063	5.13%	0.683%
80	19.633	2809	2813	2816	rBV	1427174	1883973	11.54%	1.538%
81	19.662	2816	2818	2822	rVB2	873718	839379	5.14%	0.685%
82	19.839	2844	2848	2849	rBV2	1012076	1358958	8.32%	1.110%
83	20.056	2882	2885	2890	rVB	702658	839343	5.14%	0.685%
84	20.192	2905	2908	2912	rBV	1200147	1351222	8.28%	1.103%
85	20.568	2967	2972	2976	rVB	14330358	16328846	100.00%	13.333%
86	21.315	3093	3099	3101	rBV3	2643904	5051307	30.93%	4.125%
87	21.415	3112	3116	3121	rBV	7985402	10329148	63.26%	8.434%
88	23.721	3503	3508	3519	rVB2	4798191	9822484	60.15%	8.020%

Sum of corrected areas: 122467741

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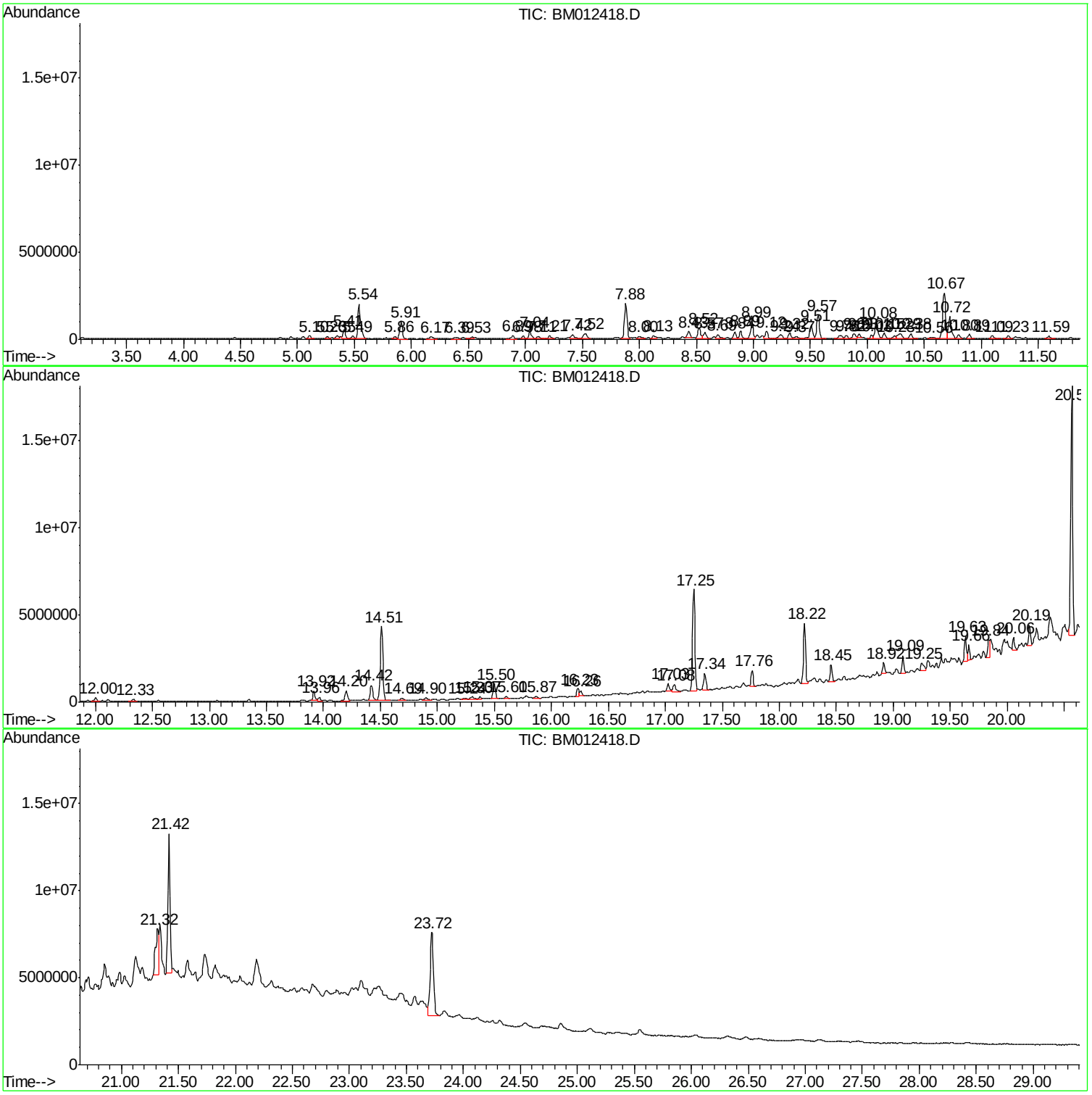
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

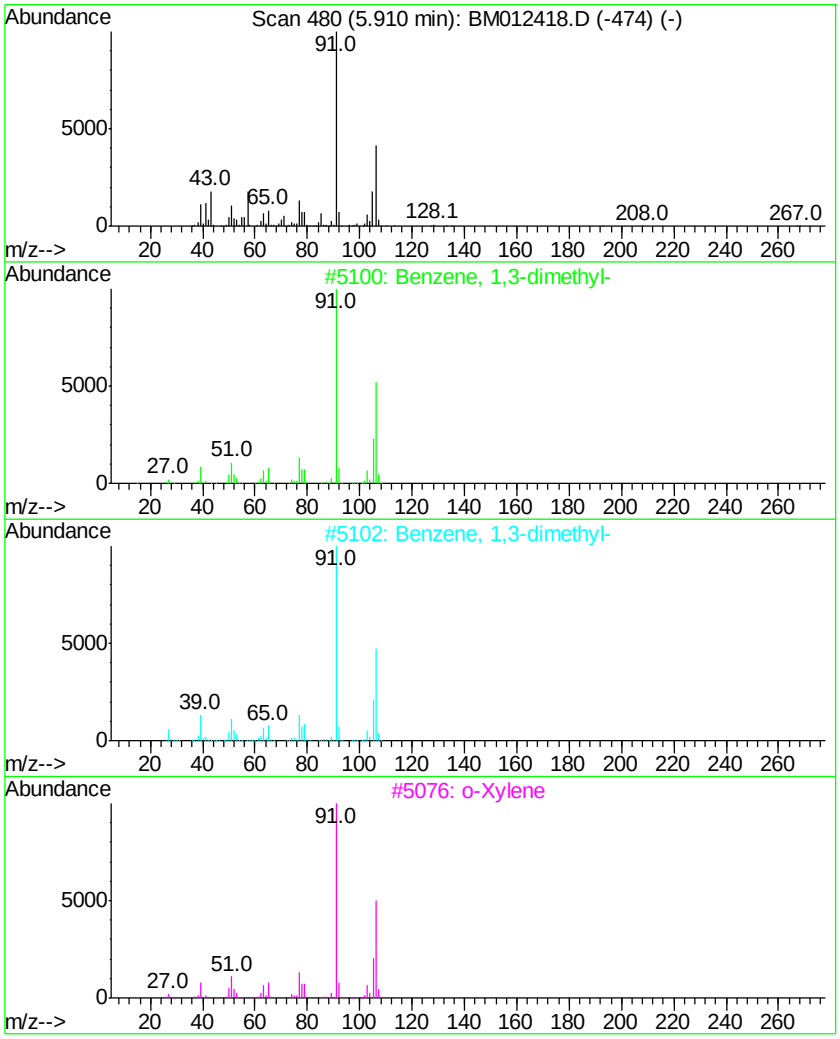
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

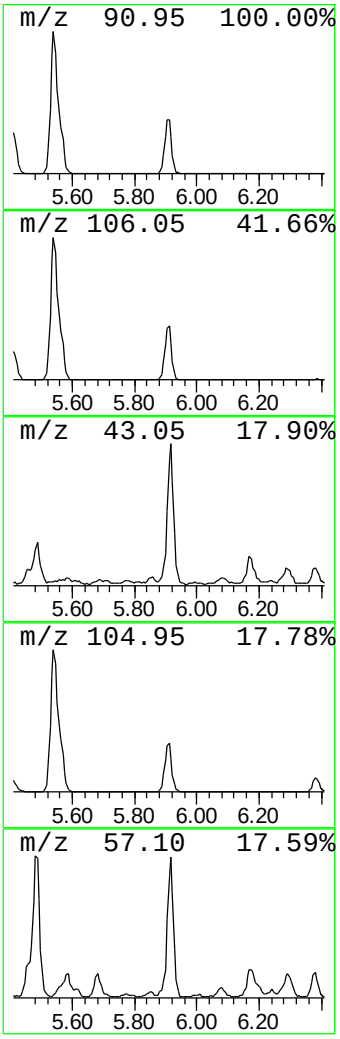
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	10.35 ng/ul	1674020	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	o-Xylene	106	C8H10	000095-47-6	95
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

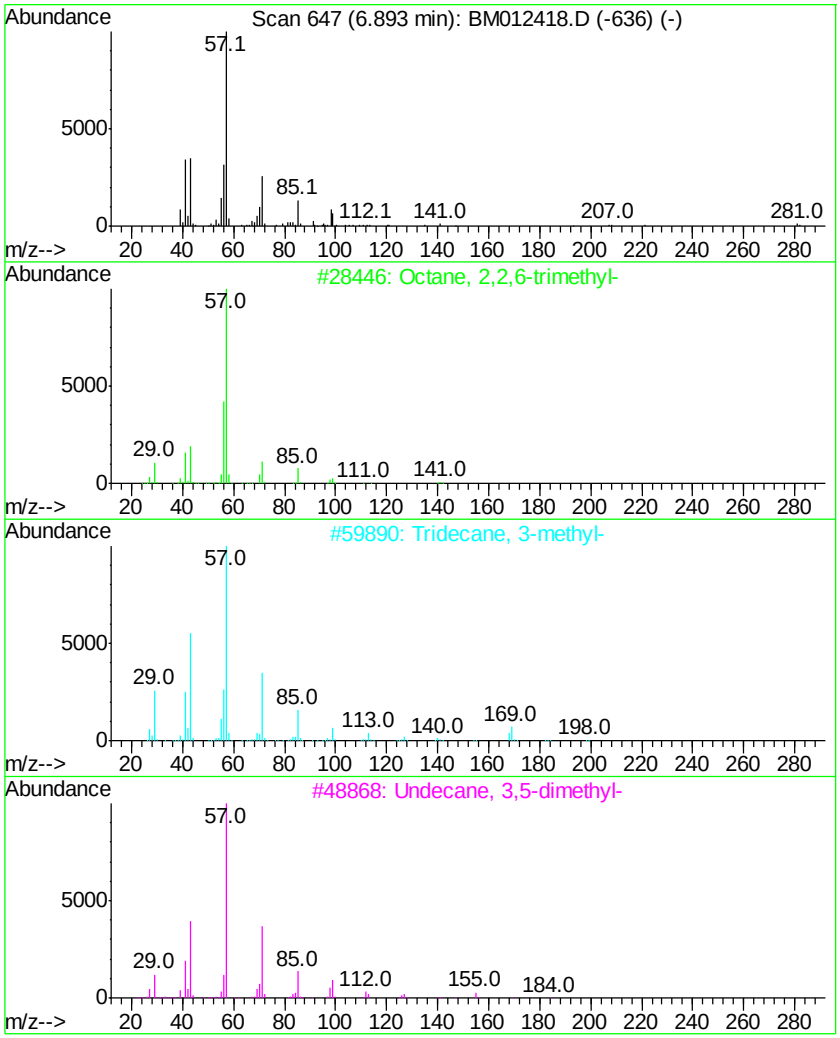
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

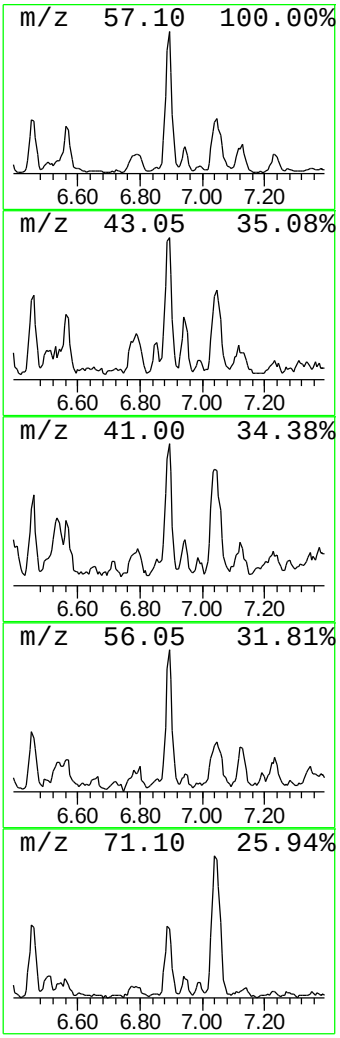
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	2.75 ng/ul	444539	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

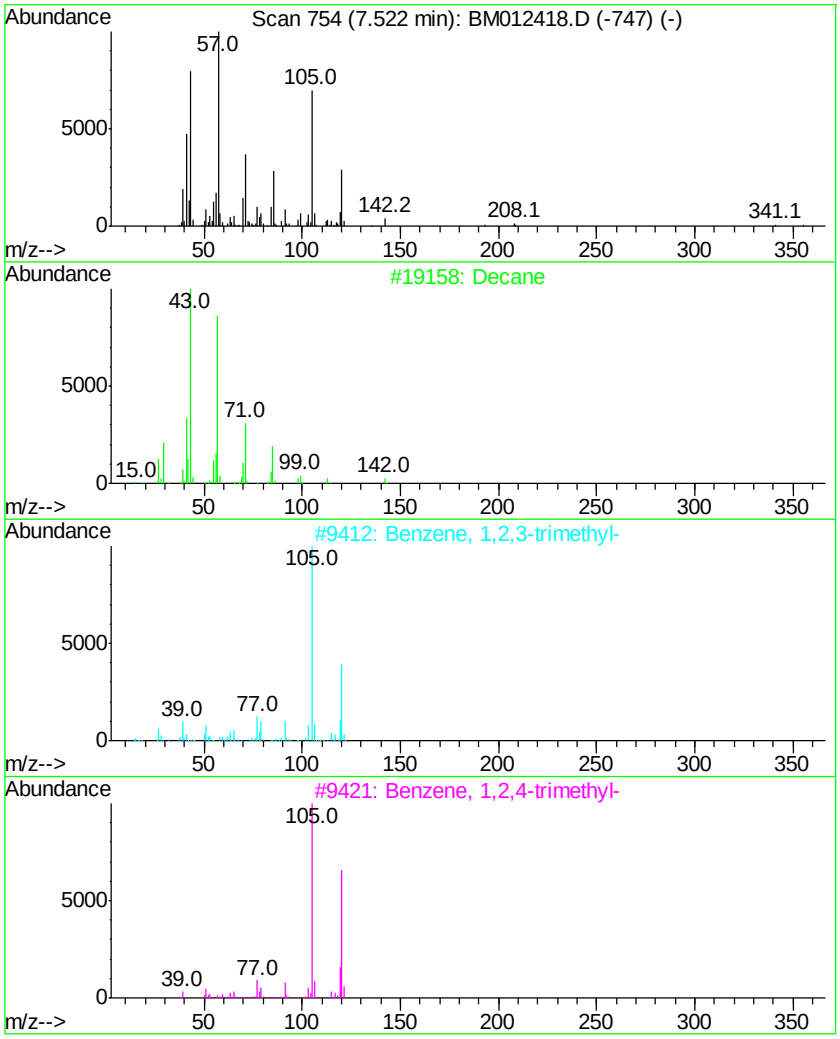
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

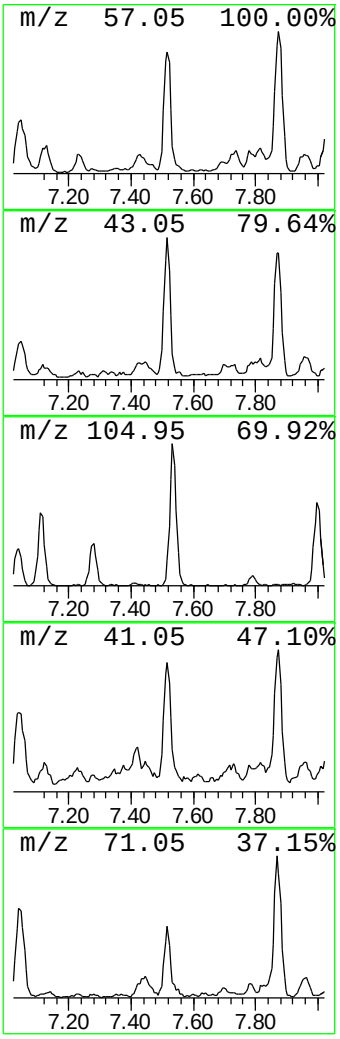
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	4.16 ng/ul	673034	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	86
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	56
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	53
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	53
5	Decane	142	C10H22	000124-18-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
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Acq On : 24 Oct 2017 15:42
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Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

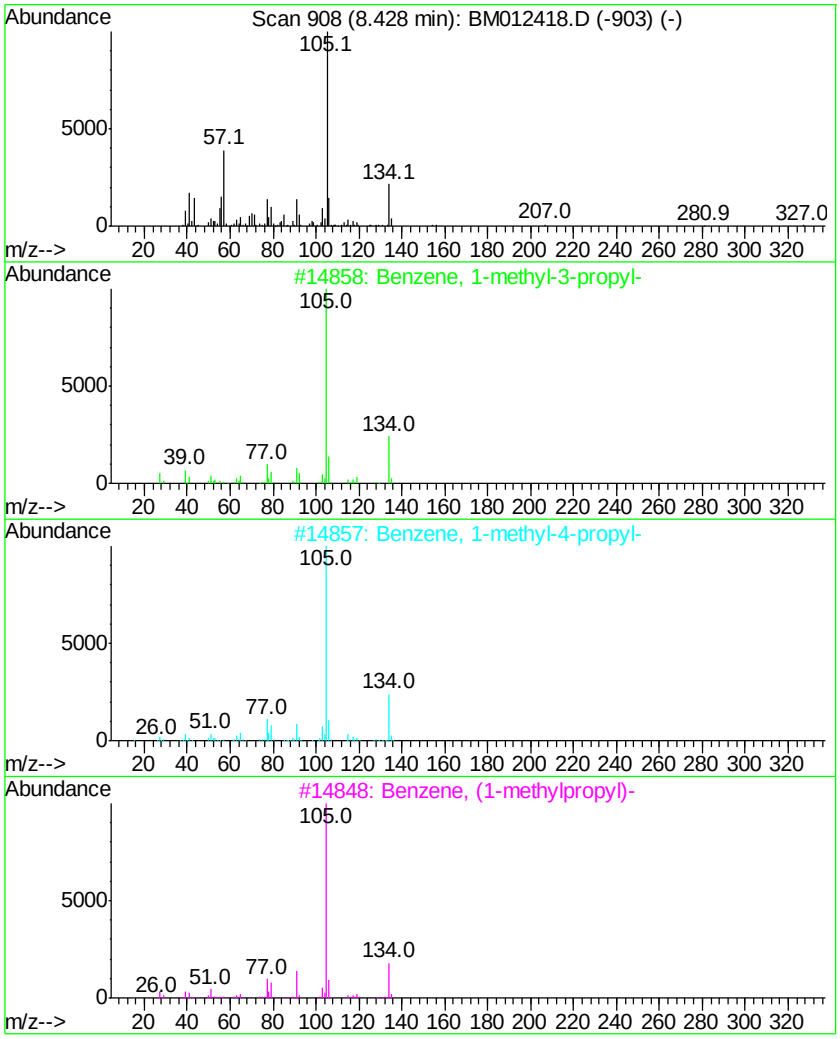
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

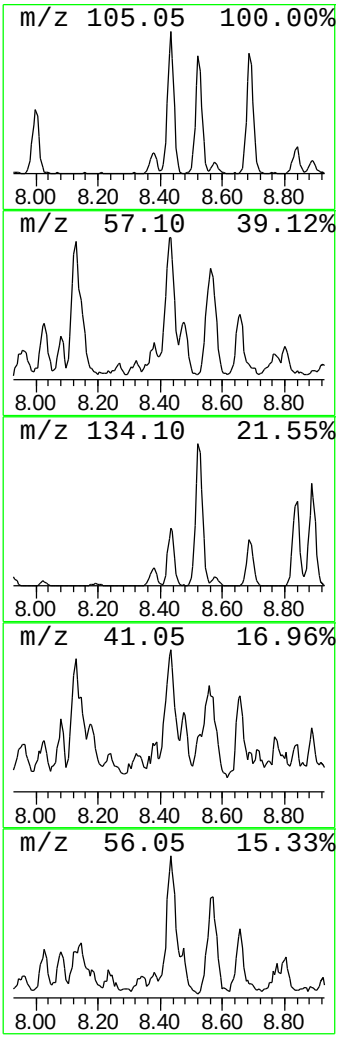
****

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	3.90 ng/ul	630538	1,4-Dichlorobenzene-d4	7.88

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	87
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
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Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

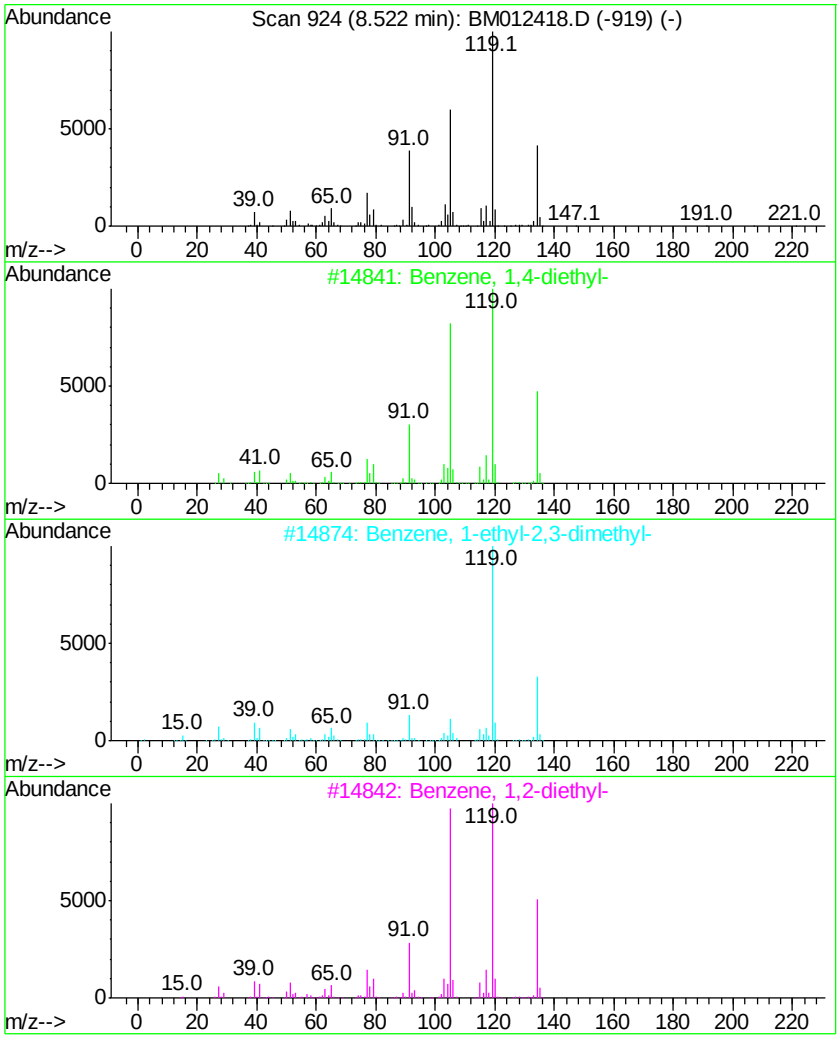
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

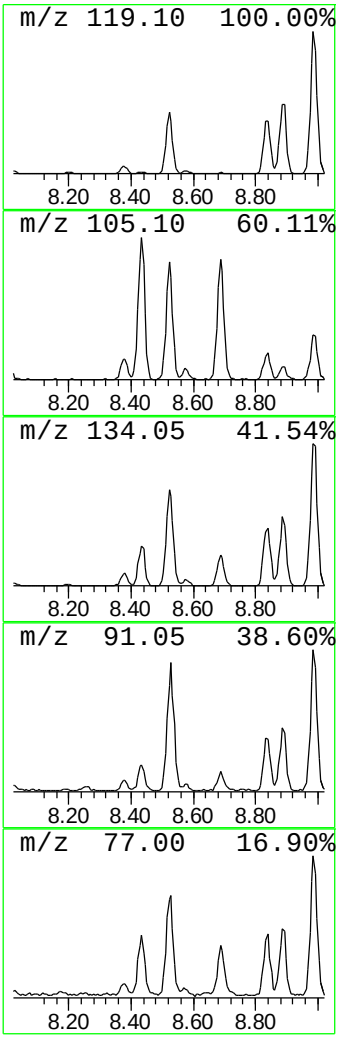
****

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	6.18 ng/ul	999299	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

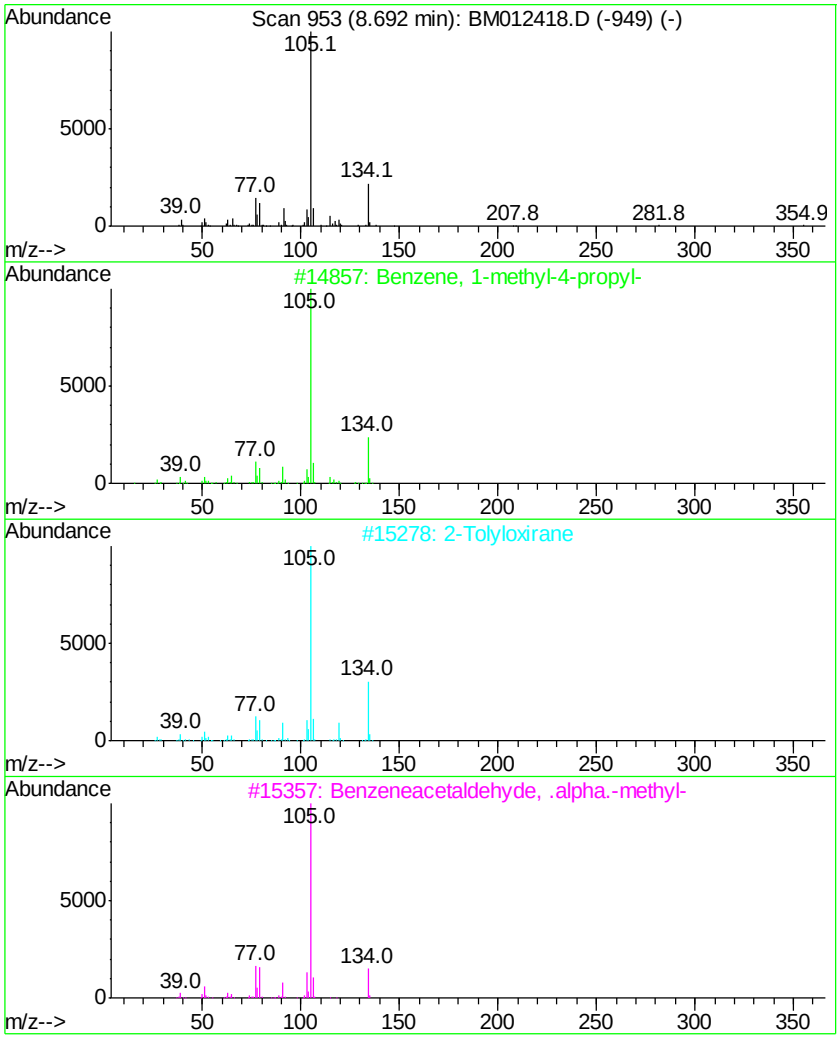
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

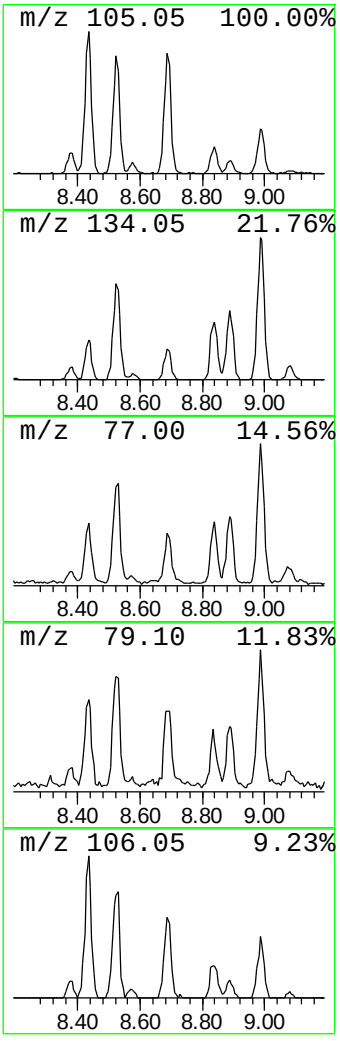
****

Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	2.15 ng/ul	347413	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	2-Tolyloxirane	134	C9H10O	002783-26-8	90
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86





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Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

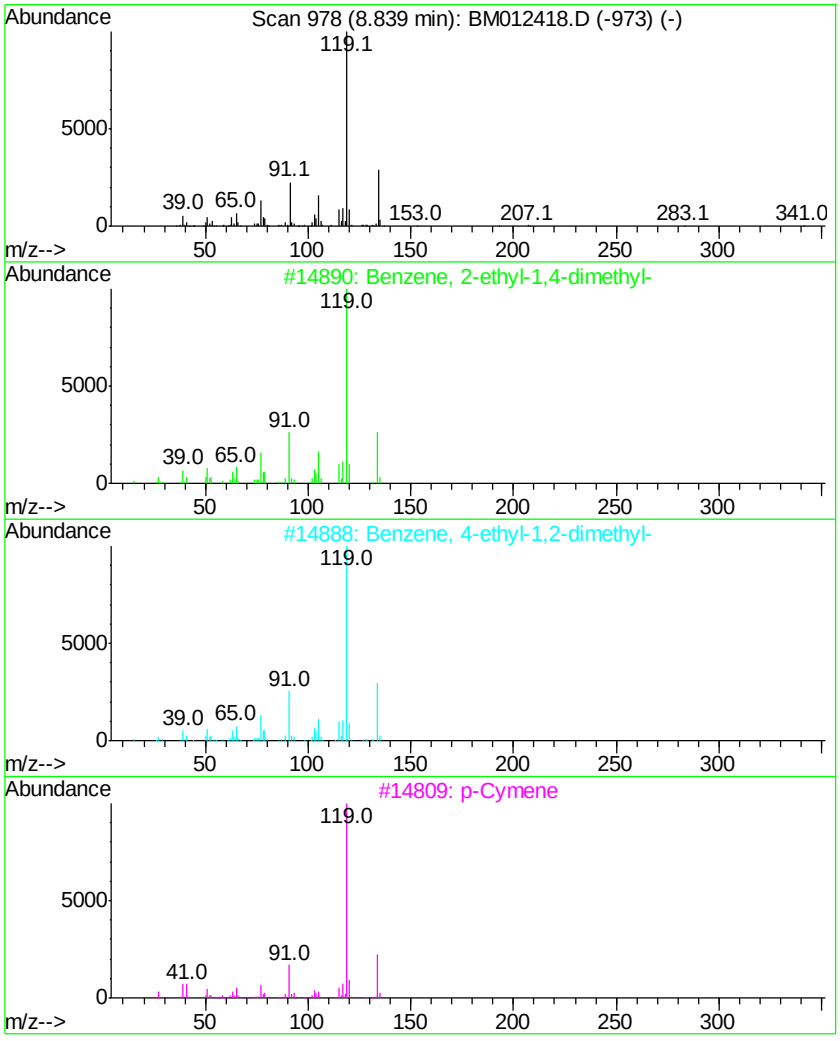
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

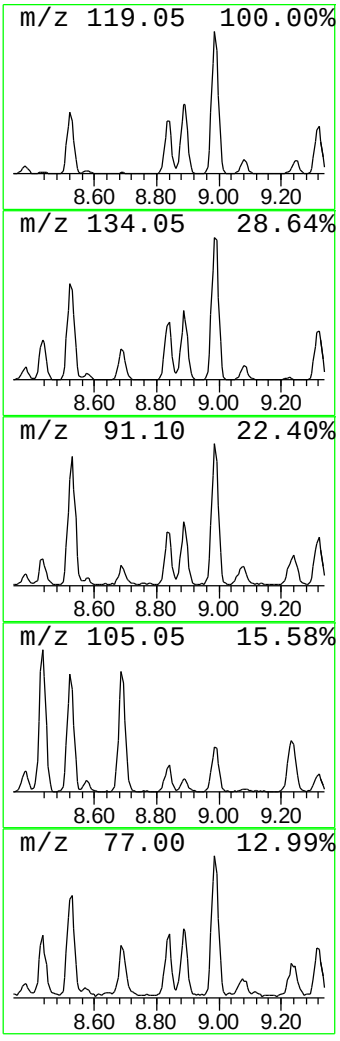
****

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	3.07 ng/ul	496837	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

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Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

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Quant Title : SVOA CALIBRATION

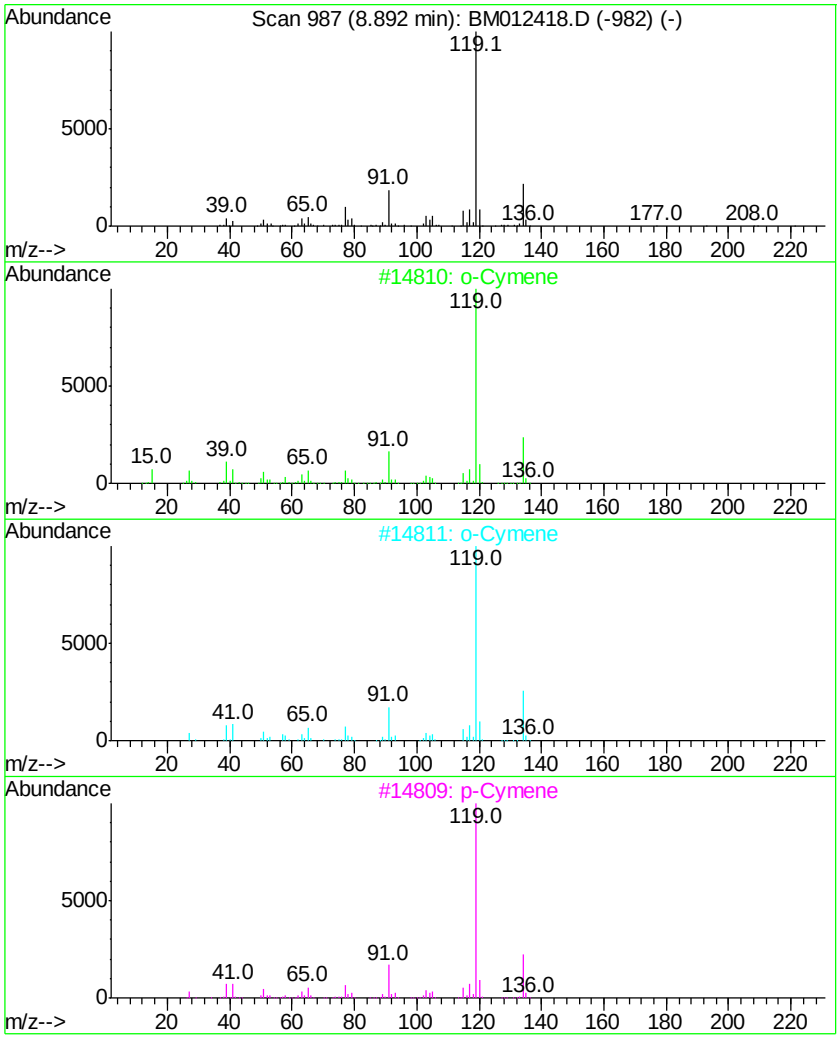
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

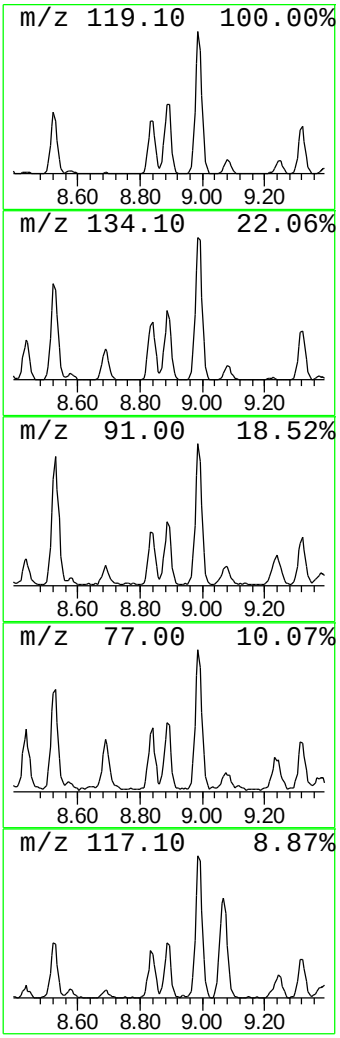
****

Peak Number 10 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	4.13 ng/ul	667788	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	p-Cymene	134	C10H14	000099-87-6	97
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

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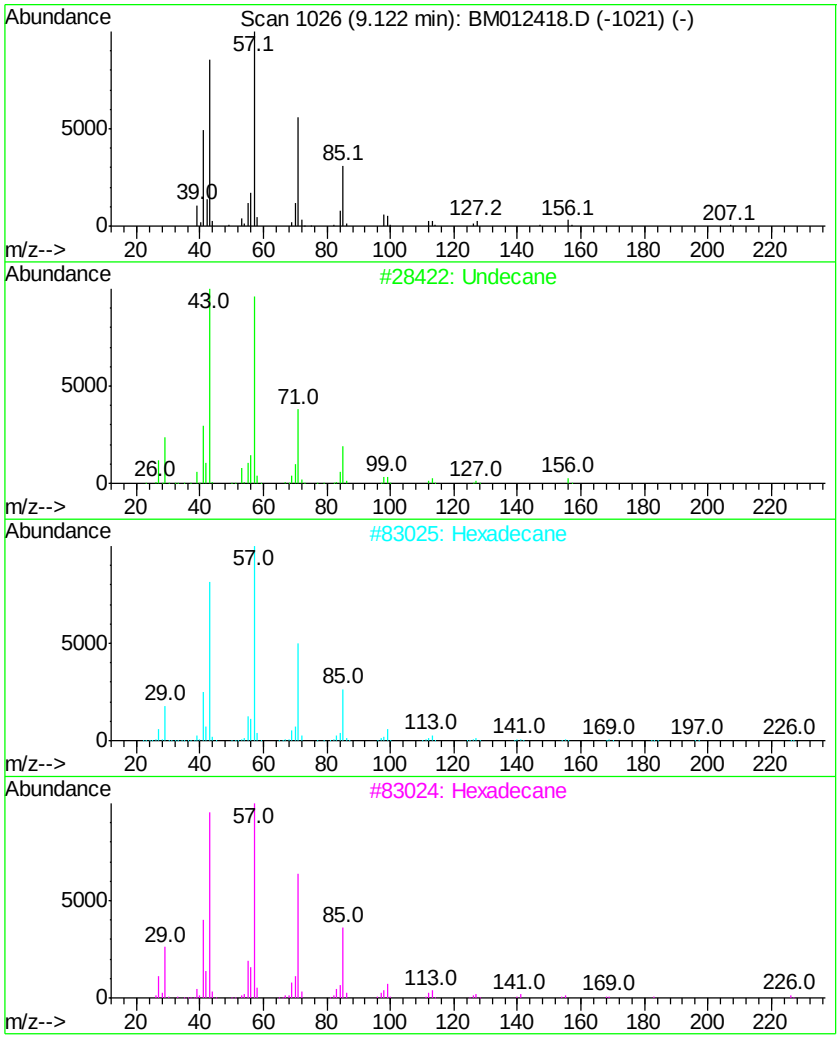
Quant Title : SVOA CALIBRATION

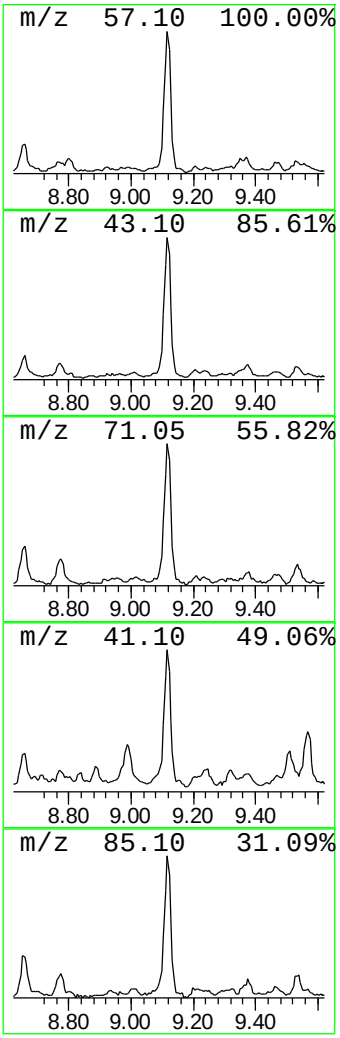
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	4.36 ng/ul	705463	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Hexadecane	226	C16H34	000544-76-3	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Undecane	156	C11H24	001120-21-4	70
5	Tridecane	184	C13H28	000629-50-5	64





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Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

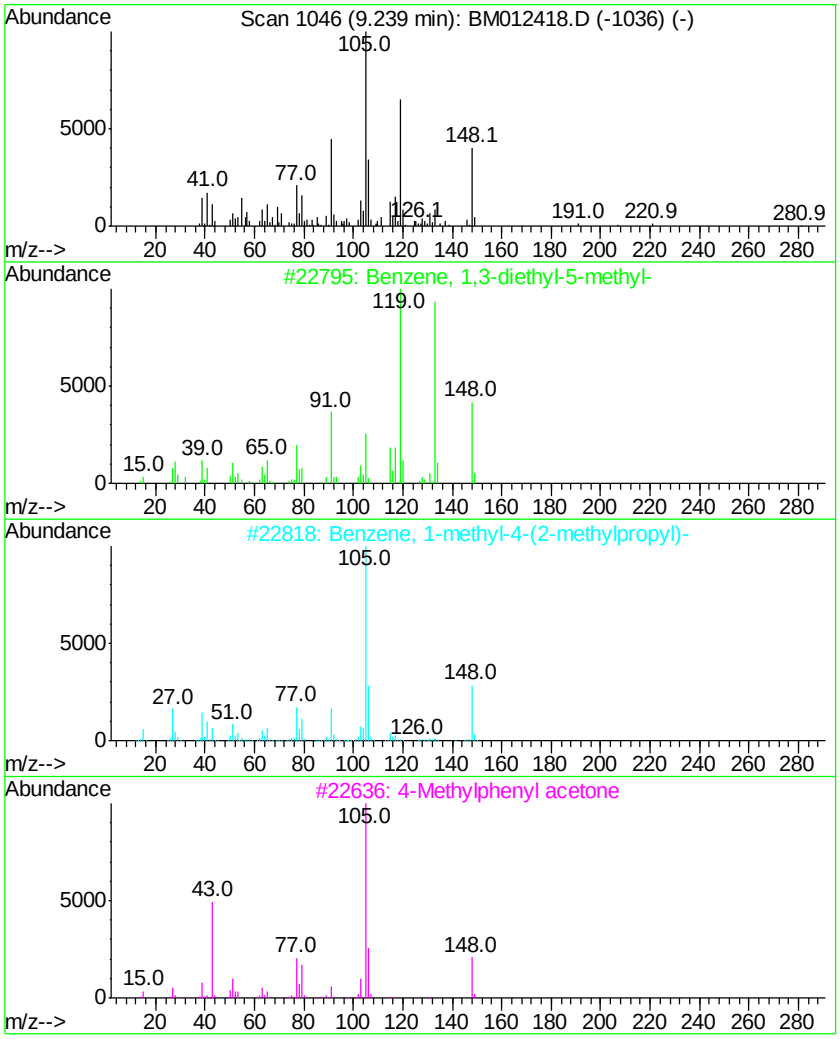
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

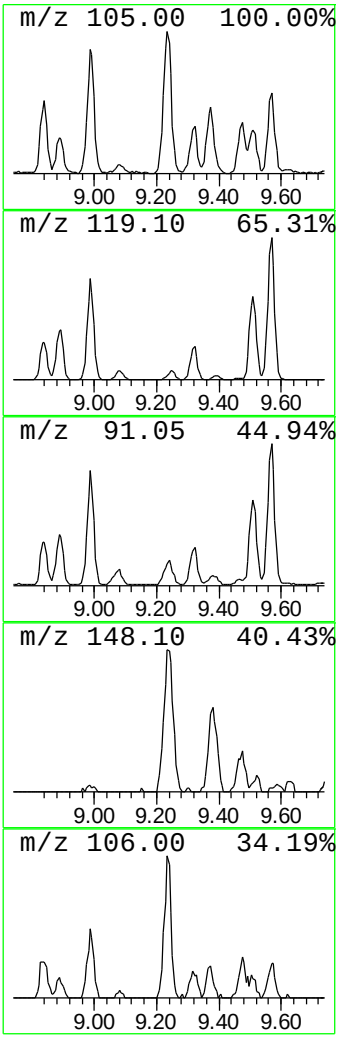
****

Peak Number 12 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	3.45 ng/ul	557185	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	62
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	58
4	2-Methylindan-2-ol	148	C10H12O	033223-84-6	47
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47





Library Search Compound Report

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Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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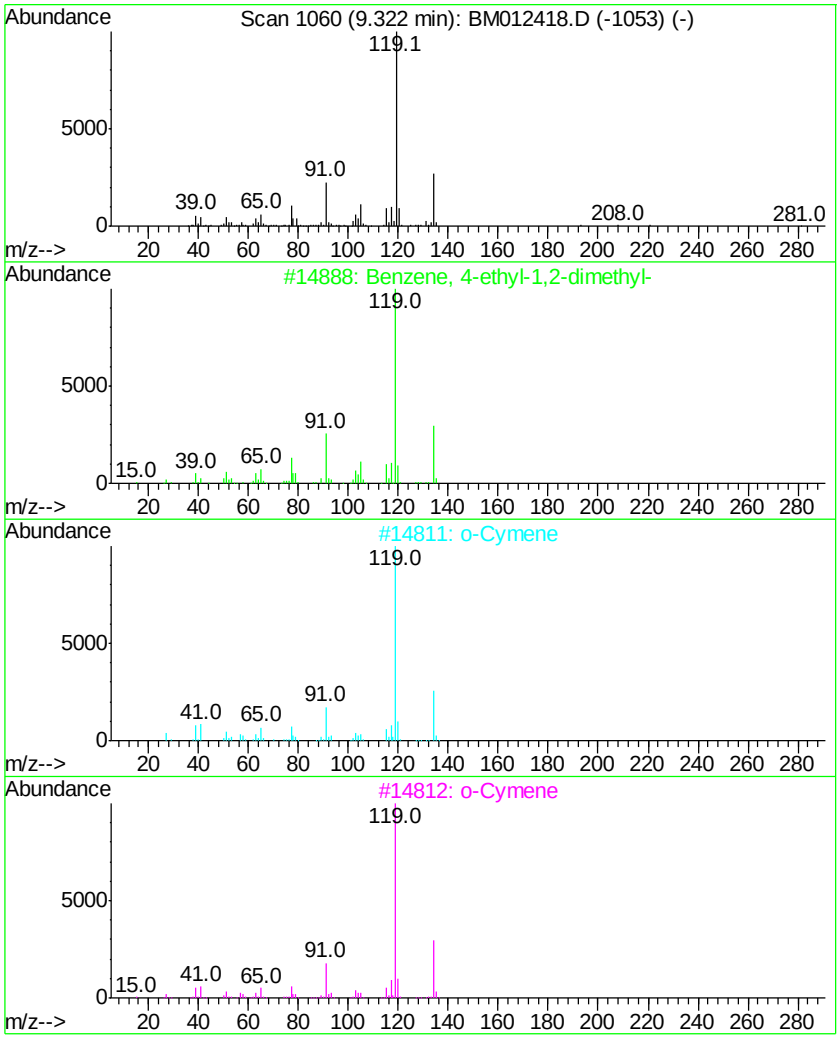
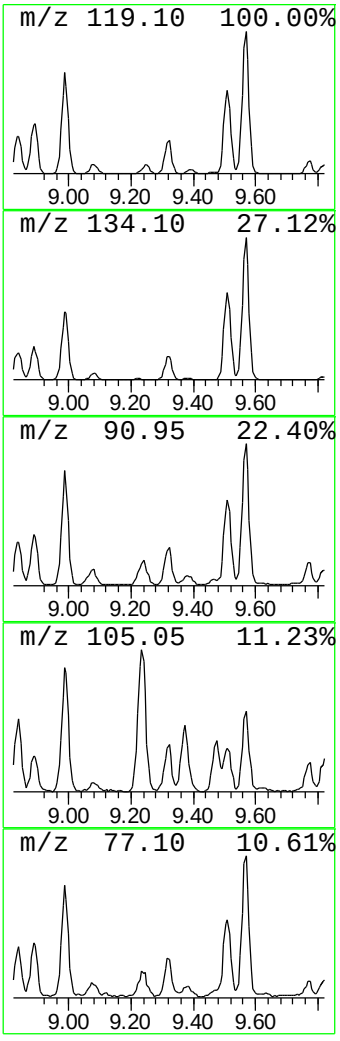
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.37 ng/ul	557999	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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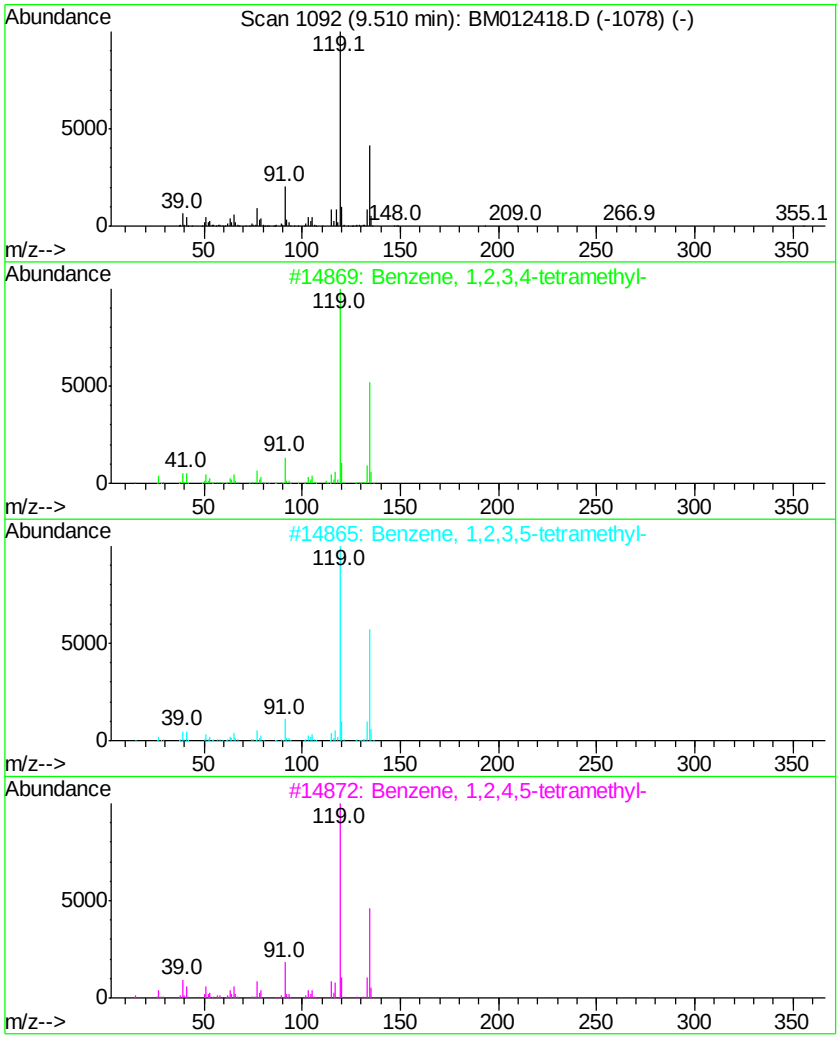
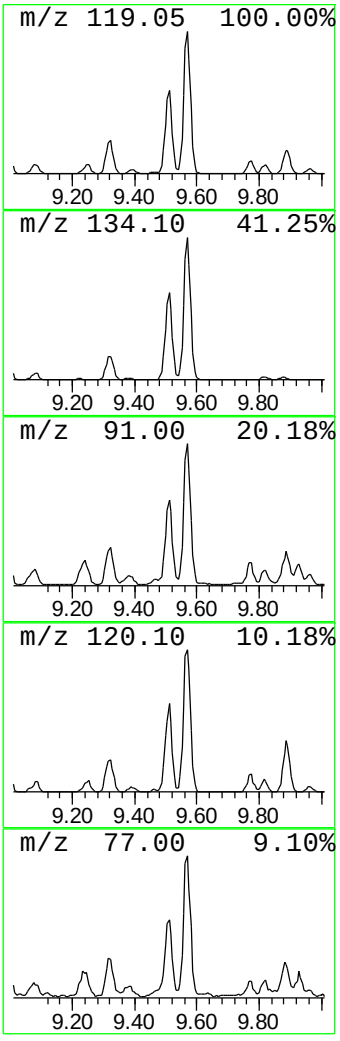
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	6.12 ng/ul	1443810	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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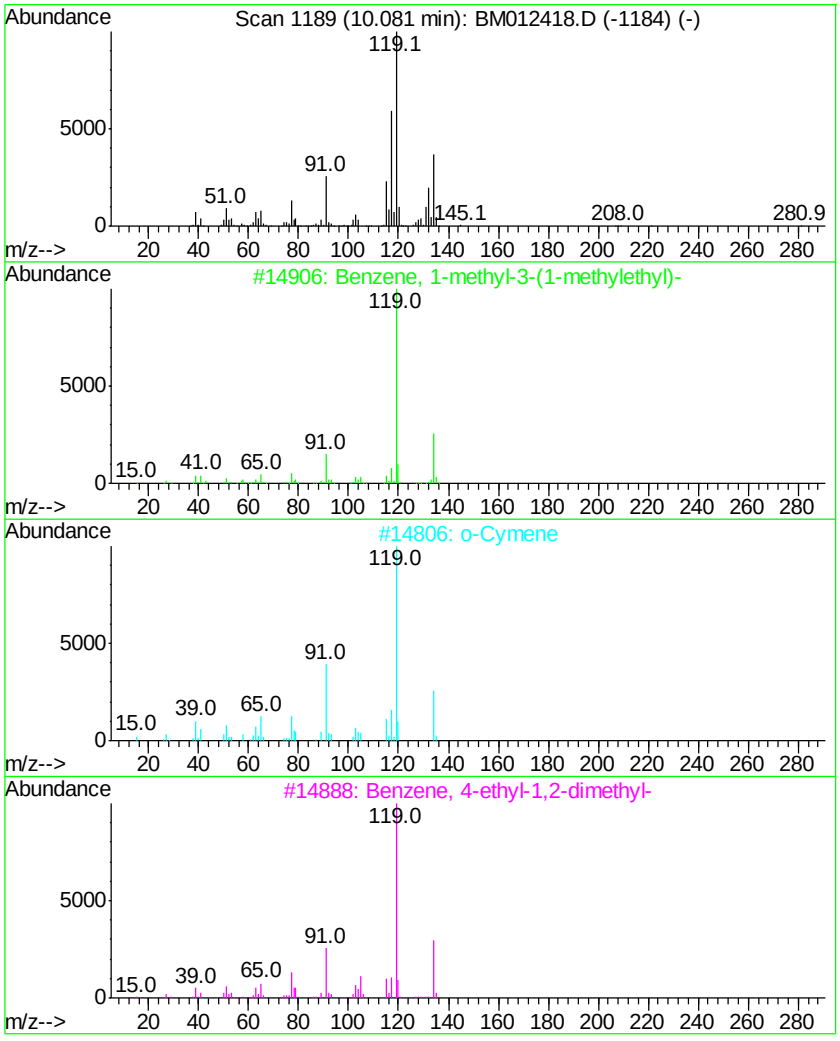
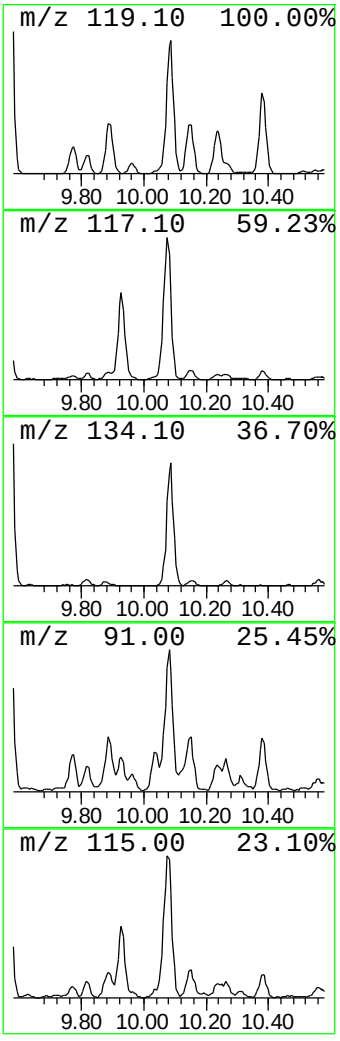
Peak Number 17 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	7.46 ng/ul	1759130	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2	o-Cymene	134	C10H14	000527-84-4	60
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	p-Cymene	134	C10H14	000099-87-6	55





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Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

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Quant Title : SVOA CALIBRATION

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

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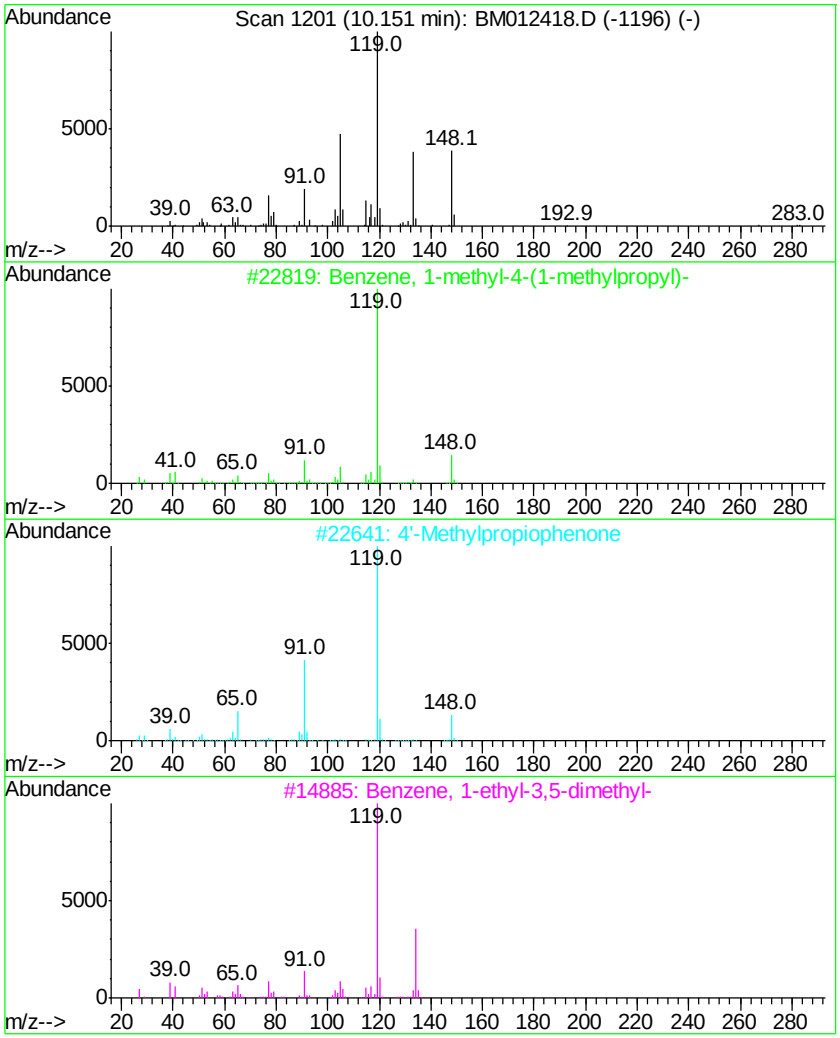
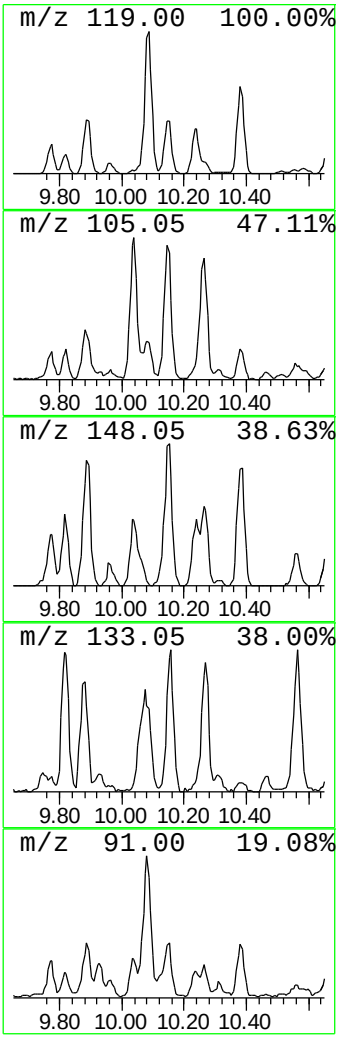
Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	2.47 ng/ul	582267	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	70
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58





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Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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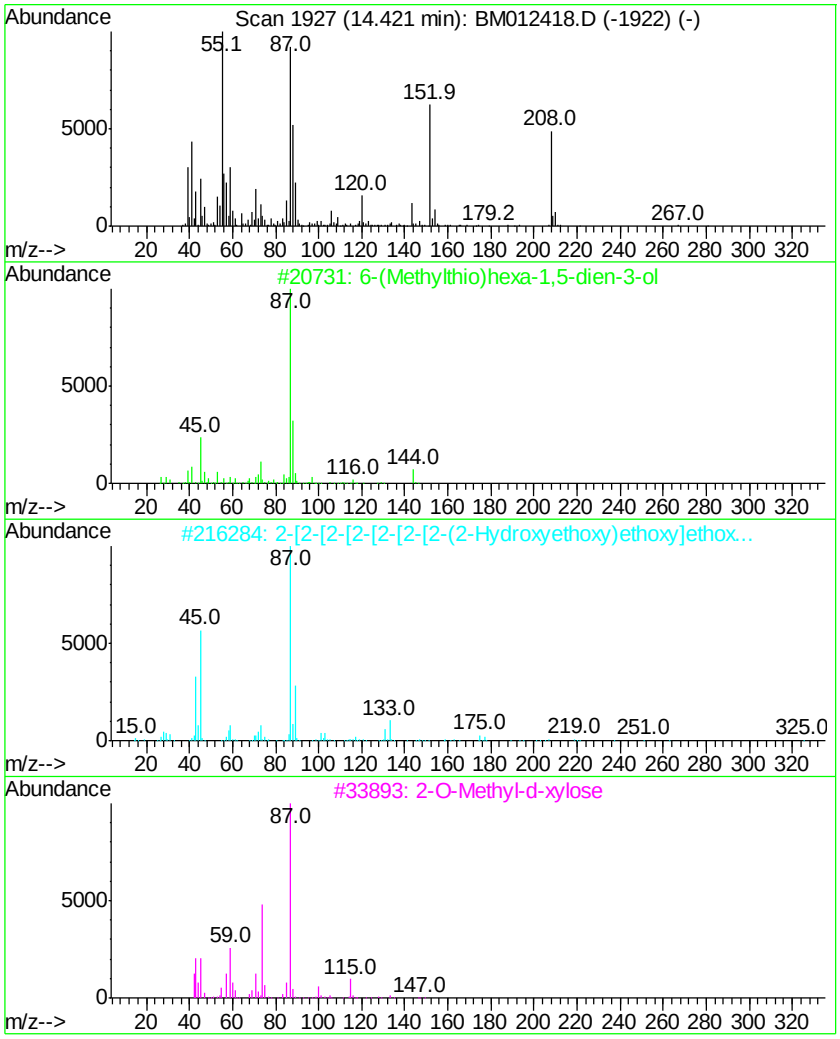
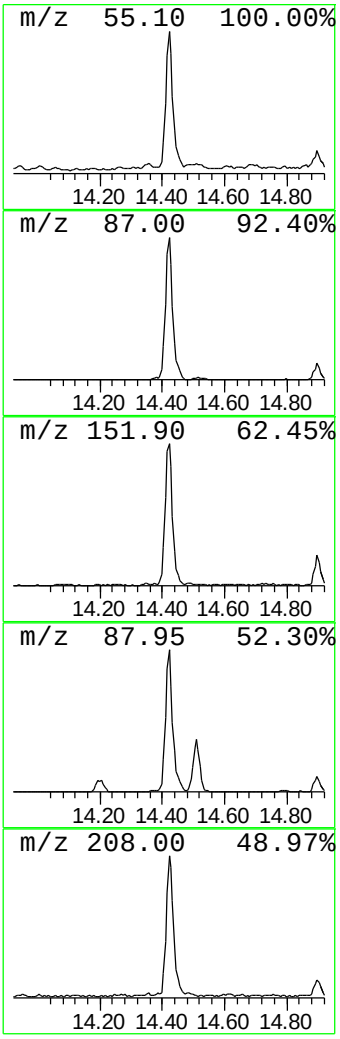
Peak Number 19 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	4.37 ng/ul	1440160	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(Methylthio)hexa-1,5-dien-3-ol	144	C7H12OS	1000191-74-3	16
2	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	412	C18H36O10	1000351-92-6	16
3	2-O-Methyl-d-xylose	164	C6H12O5	1000130-01-3	16
4	Pentanamide, N-ethyl-	129	C7H15NO	054007-33-9	14
5	1,2,4-Trithiolane, 3,5-bis(1-met...	208	C8H16S3	054934-99-5	14





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Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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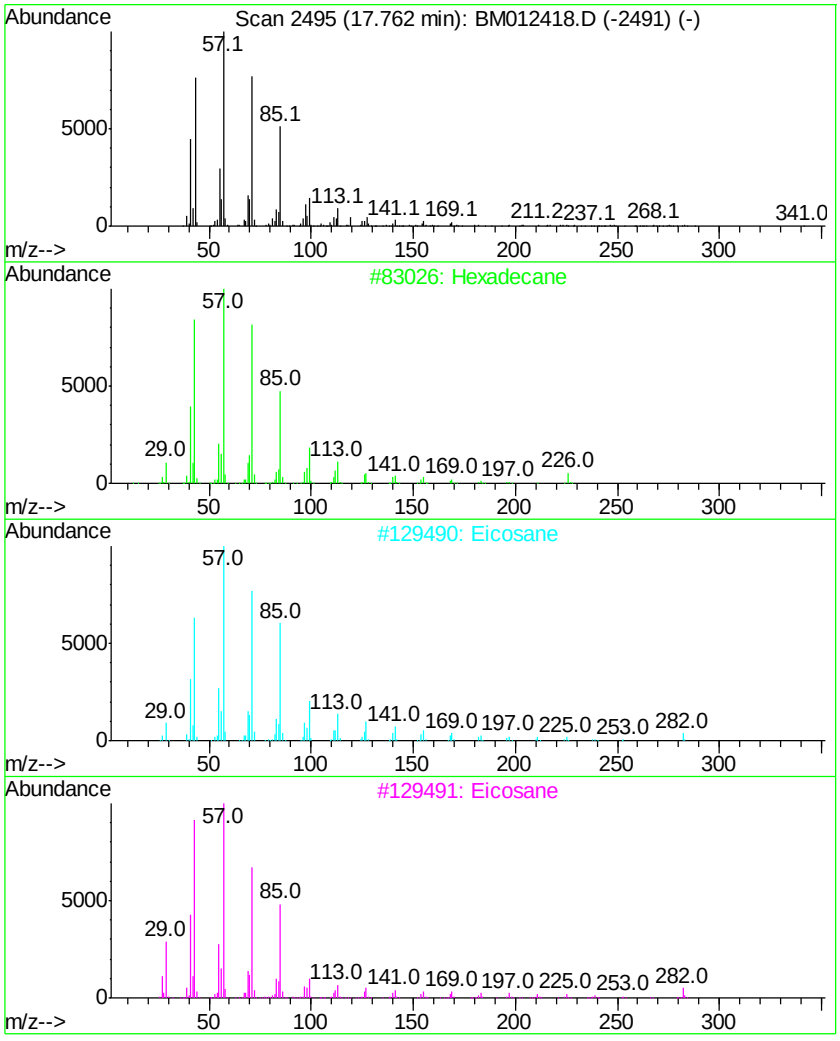
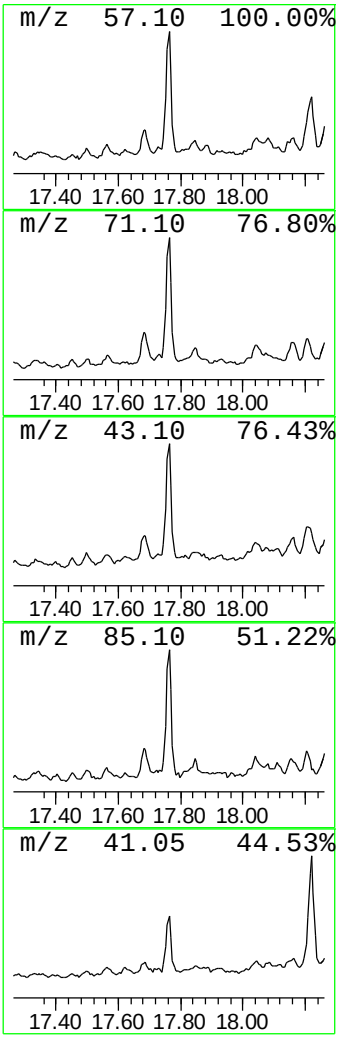
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.68 ng/ul	1088950	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

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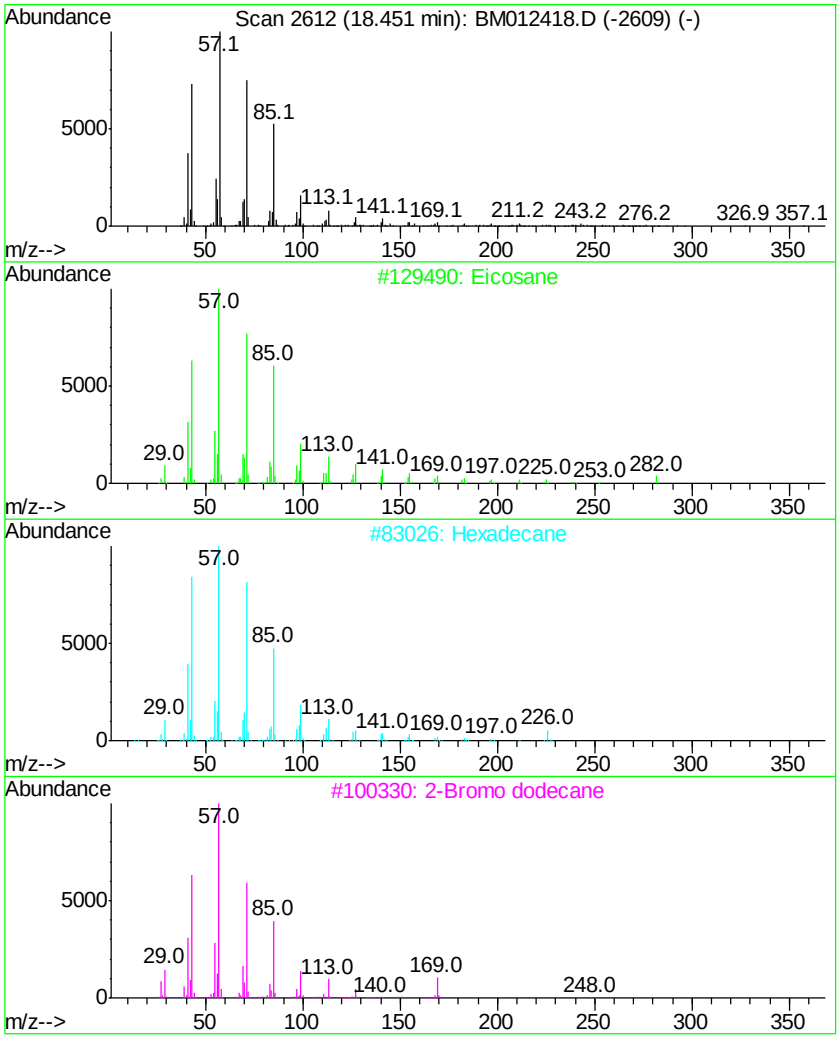
Quant Title : SVOA CALIBRATION

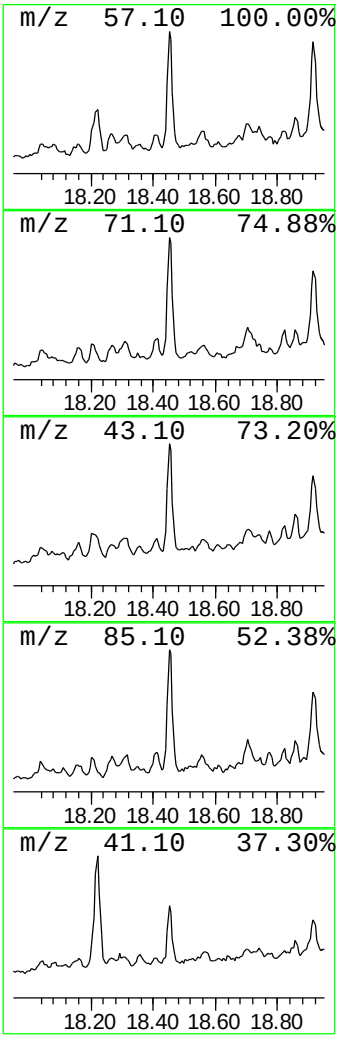
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	2.87 ng/ul	1163170	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Eicosane	282	C20H42	000112-95-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BM012418.D
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Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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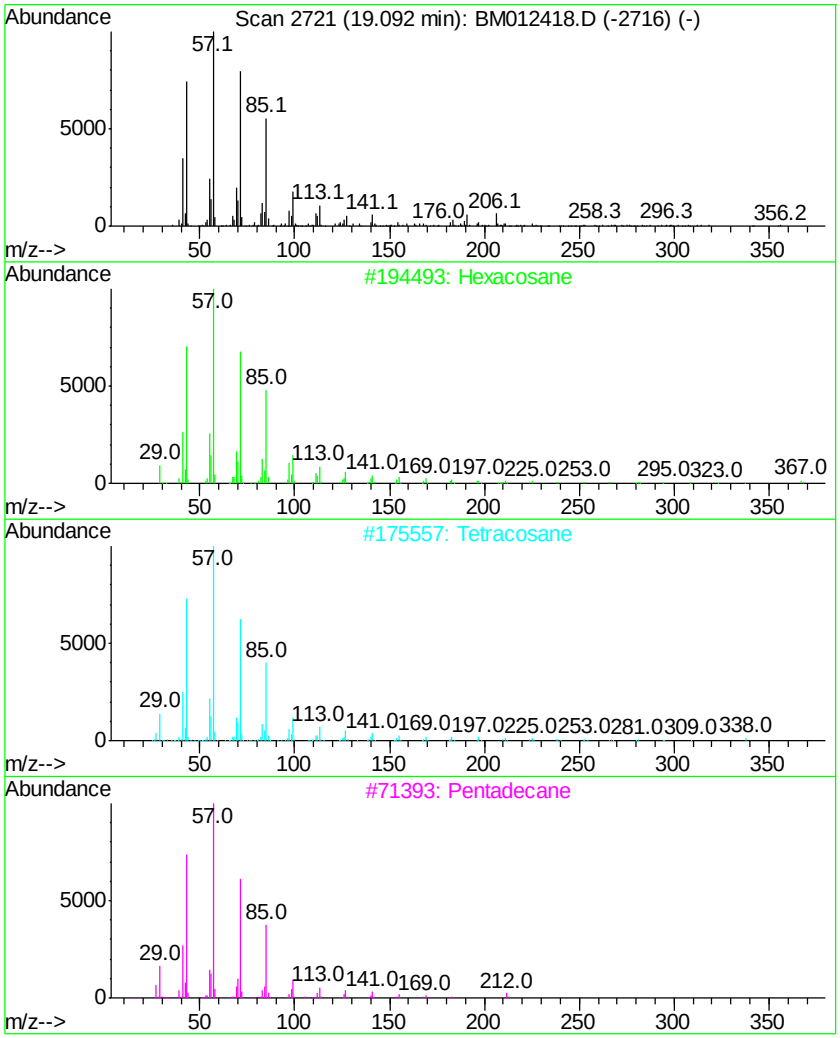
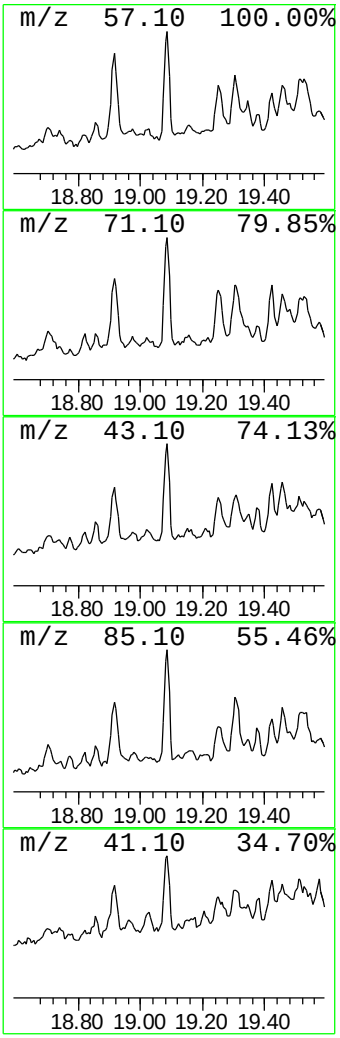
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.97 ng/ul	1203890	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

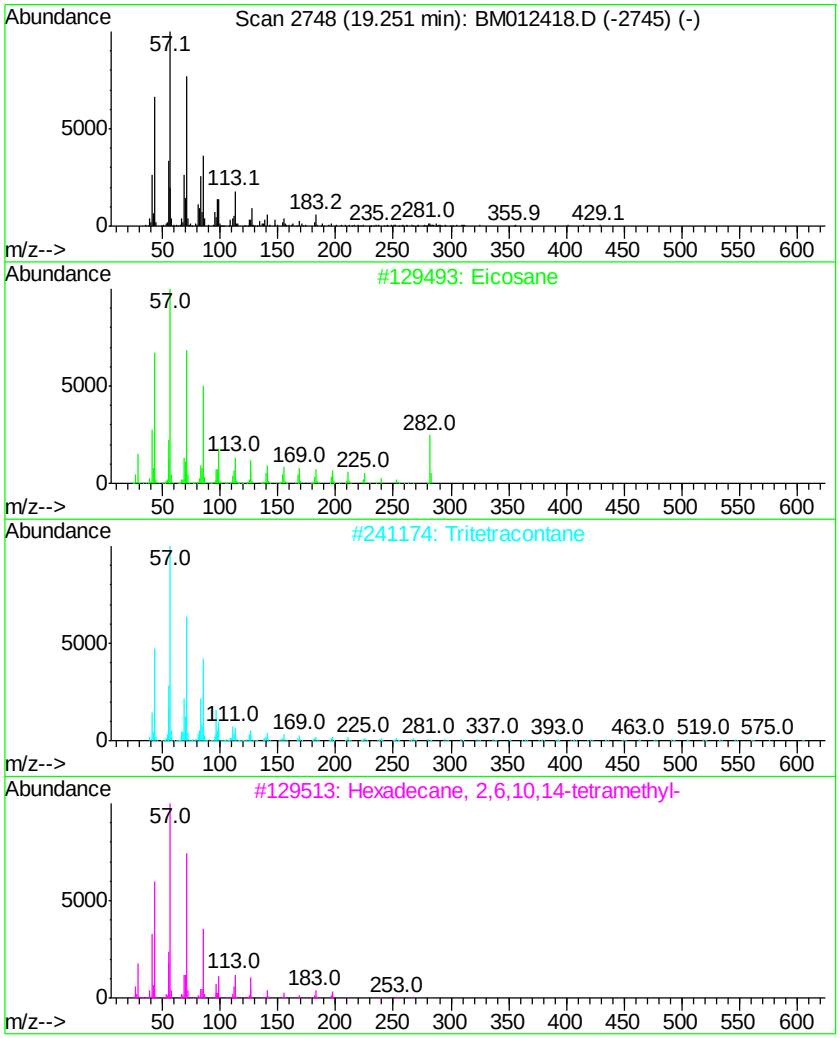
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

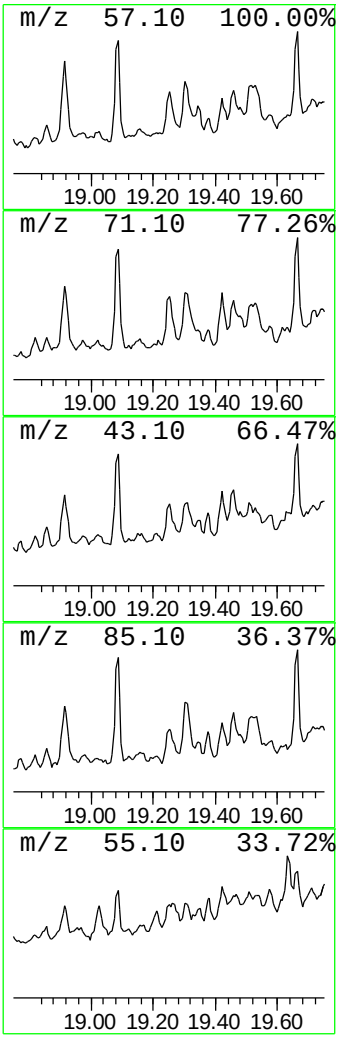
****

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.06 ng/ul	837063	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Decane, 2-methyl-	156	C11H24	006975-98-0	81
5	Decane, 2-methyl-	156	C11H24	006975-98-0	81





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

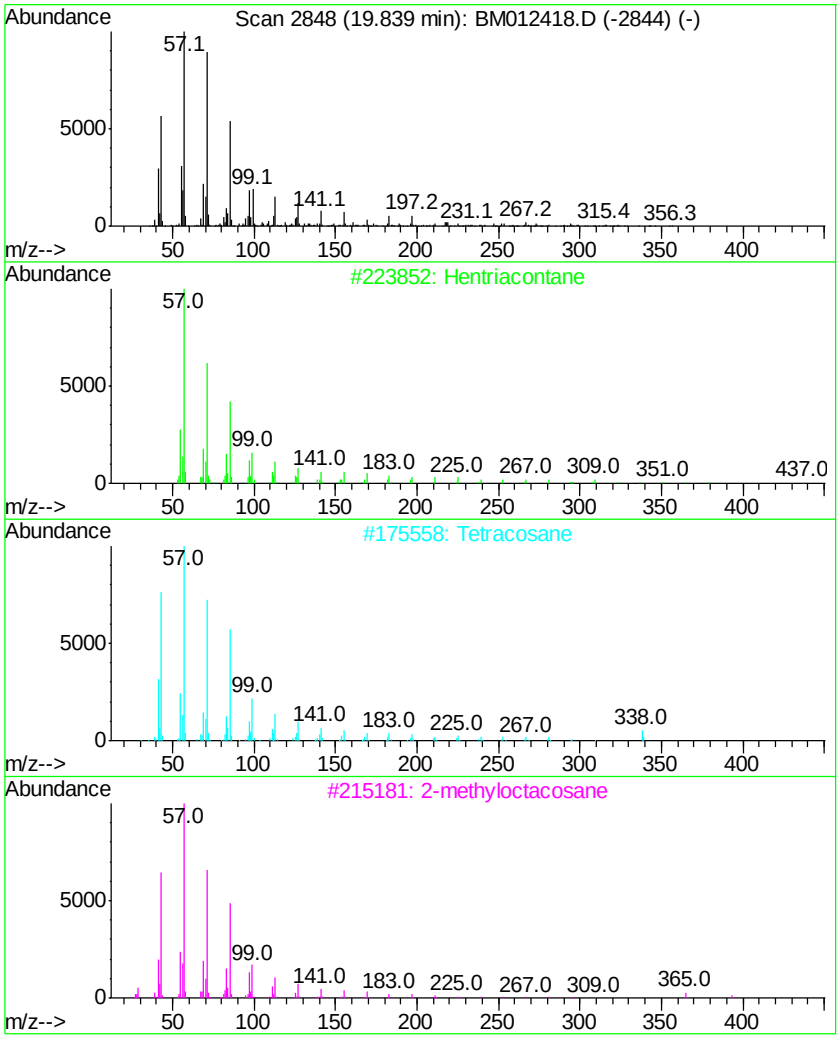
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

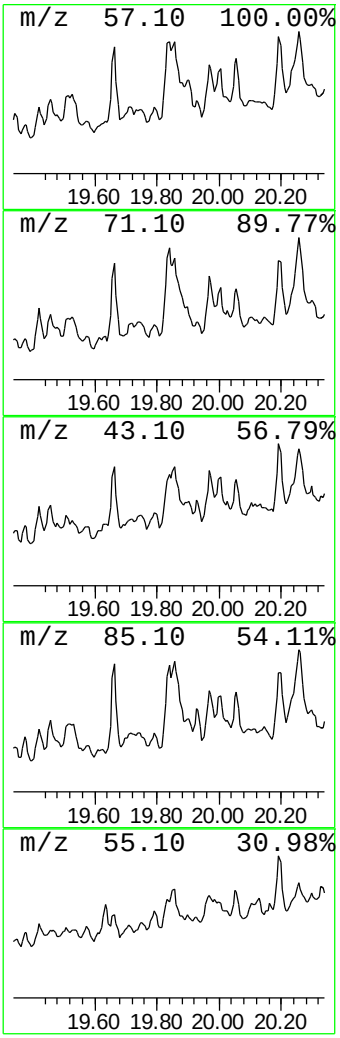
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.63 ng/ul	1358960	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

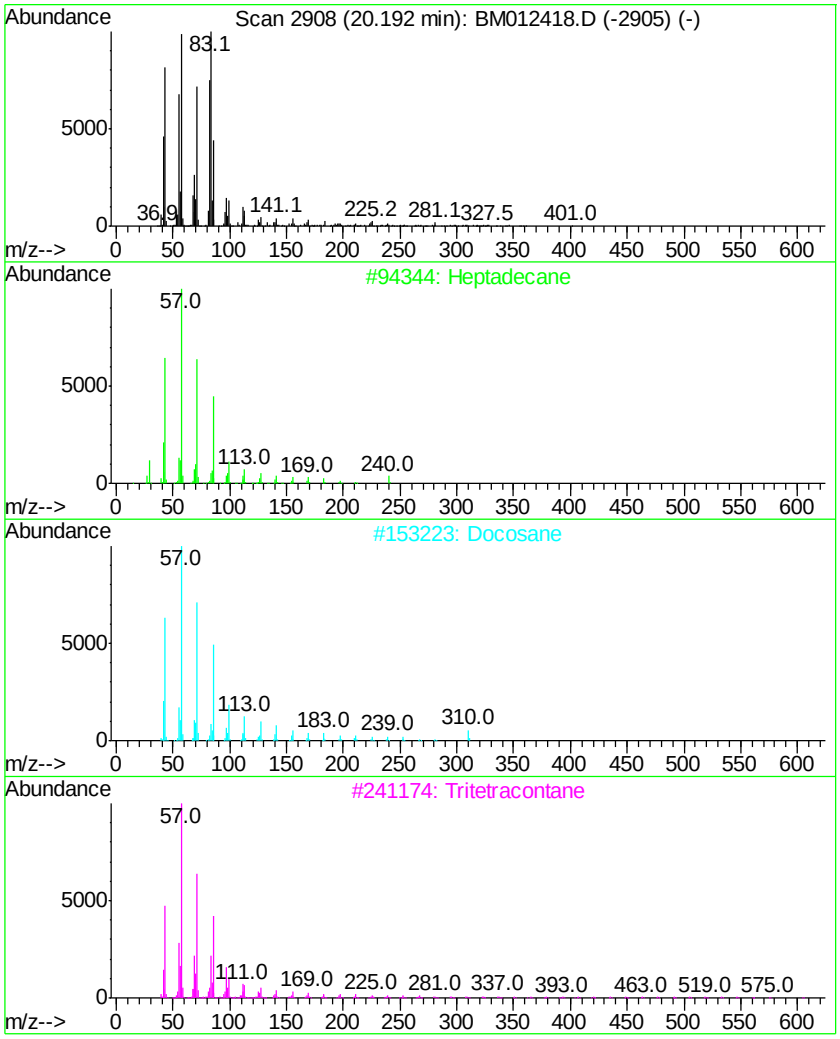
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

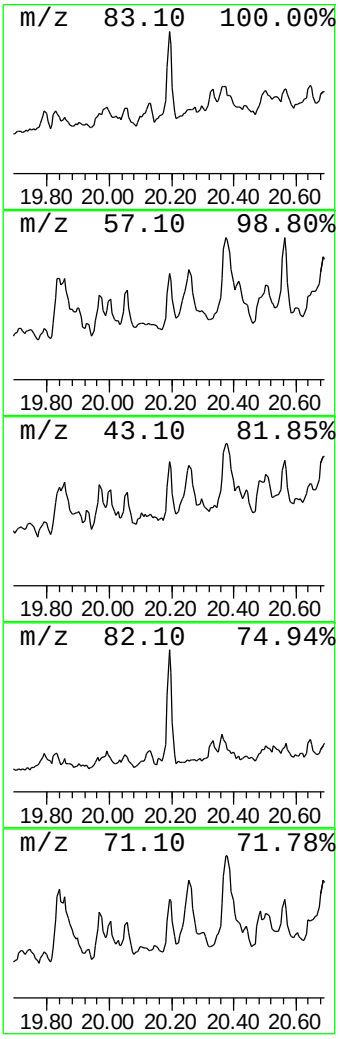
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.62 ng/ul	1351220	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	80
2	Docosane	310	C22H46	000629-97-0	56
3	Tritetracontane	605	C43H88	007098-21-7	50
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	50
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102417\
Data File : BM012418.D
Acq On : 24 Oct 2017 15:42
Operator : SJ/JU
Sample : I5664-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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
Benzene, 1,3-dime...	5.91	10.4	ng/ul	1674020	1	7.88	3233750	20.0
(DEL) Alkane: Str...	6.89	2.8	ng/ul	444539	1	7.88	3233750	20.0
(DEL) Alkane: Str...	7.52	4.2	ng/ul	673034	1	7.88	3233750	20.0
Benzene, 1-methyl...	8.43	3.9	ng/ul	630538	1	7.88	3233750	20.0
Benzene, 1,4-diet...	8.52	6.2	ng/ul	999299	1	7.88	3233750	20.0
Benzene, 1-methyl...	8.69	2.1	ng/ul	347413	1	7.88	3233750	20.0
Benzene, 2-ethyl-...	8.84	3.1	ng/ul	496837	1	7.88	3233750	20.0
o-Cymene	8.89	4.1	ng/ul	667788	1	7.88	3233750	20.0
(DEL) Alkane: Str...	9.12	4.4	ng/ul	705463	1	7.88	3233750	20.0
Benzene, 1,3-diet...	9.24	3.5	ng/ul	557185	1	7.88	3233750	20.0
Benzene, 4-ethyl-...	9.32	2.4	ng/ul	557999	2	10.67	4716850	20.0
Benzene, 1,2,3,4-...	9.51	6.1	ng/ul	1443810	2	10.67	4716850	20.0
Benzene, 1-methyl...	10.08	7.5	ng/ul	1759130	2	10.67	4716850	20.0
Benzene, 1-methyl...	10.15	2.5	ng/ul	582267	2	10.67	4716850	20.0
unknown-01	14.42	4.4	ng/ul	1440160	3	14.51	6588930	20.0
(DEL) Alkane: Str...	17.76	2.7	ng/ul	1088950	4	17.25	8111800	20.0
(DEL) Alkane: Str...	18.45	2.9	ng/ul	1163170	4	17.25	8111800	20.0
(DEL) Alkane: Str...	19.09	3.0	ng/ul	1203890	4	17.25	8111800	20.0
(DEL) Alkane: Str...	19.25	2.1	ng/ul	837063	4	17.25	8111800	20.0
(DEL) Alkane: Str...	19.84	2.6	ng/ul	1358960	5	21.42	10329100	20.0
(DEL) Alkane: Str...	20.19	2.6	ng/ul	1351220	5	21.42	10329100	20.0