LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023306.D
Acq On : 20 Oct 2019 03:02
Operator : JU
Sample : K5344-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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	3.169	28	31	35	rBV	108729	129620	1.39%	0.136%
2	3.810	135	140	145	rBV4	23810	41050	0.44%	0.043%
3	3.893	149	154	159	rVB2	38903	57299	0.61%	0.060%
4	5.193	369	375	383	rVB	43076	76692	0.82%	0.081%
5	5.322	391	397	407	rVV	105391	214882	2.30%	0.226%
6	5.687	454	459	471	rBV	83388	134405	1.44%	0.141%
7	6.646	615	622	630	rBV	50023	96028	1.03%	0.101%
8	6.751	636	640	645	rBV	78269	127720	1.37%	0.134%
9	6.822	645	652	661	rVV2	359812	768797	8.24%	0.808%
10	6.887	661	663	669	rVB	64647	80571	0.86%	0.085%
11	6.987	674	680	687	rBV	982248	1597987	17.13%	1.679%
12	7.051	687	691	696	rVB	94546	150403	1.61%	0.158%
13	7.187	707	714	723	rBV	1160727	1877196	20.13%	1.973%
14	7.310	728	735	741	rVB	344583	525254	5.63%	0.552%
15	7.516	765	770	778	rVV3	47206	77255	0.83%	0.081%
16	7.651	785	793	800	rBV	1376847	2231141	23.92%	2.345%
17	7.728	802	806	809	rVV	72918	124911	1.34%	0.131%
18	7.769	809	813	825	rVV	165470	292586	3.14%	0.307%
19	8.022	846	856	862	rVV3	88494	245054	2.63%	0.258%
20	8.151	873	878	882	rBV2	38815	54750	0.59%	0.058%
21	8.204	882	887	896	rVB2	31268	64859	0.70%	0.068%
22	8.298	896	903	907	rBV2	79142	135998	1.46%	0.143%
23	8.357	907	913	925	rVB	875986	1417245	15.20%	1.489%
24	8.463	925	931	939	rVB4	63351	132797	1.42%	0.140%
25	8.610	951	956	960	rBV	54323	81012	0.87%	0.085%
26	8.663	960	965	969	rVB	49687	75213	0.81%	0.079%
27	8.757	975	981	982	rBV2	129083	168333	1.80%	0.177%
28	8.792	982	987	1001	rVB	1252787	2207856	23.67%	2.320%
29	9.087	1029	1037	1043	rVB4	38872	92048	0.99%	0.097%
30	9.275	1061	1069	1074	rVV	102779	185970	1.99%	0.195%
31	9.334	1074	1079	1089	rVB	127092	214007	2.29%	0.225%
32	9.516	1102	1110	1120	rBV	1030681	1784194	19.13%	1.875%
33	9.616	1124	1127	1131	rVV3	51398	102193	1.10%	0.107%
34	9.692	1135	1140	1144	rVV	80215	145026	1.56%	0.152%

LSC Area Percent Report

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Sample : K5344-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

35	9.845	1155	1166	1174	rBV2	165287	364040	3.90%	0.383%
36	9.922	1174	1179	1186	rVV7	47336	97211	1.04%	0.102%
37	10.051	1193	1201	1211	rVV	1658424	2826252	30.30%	2.970%
38	10.139	1211	1216	1222	rVB5	43473	85067	0.91%	0.089%
39	10.363	1247	1254	1257	rBV4	58721	96602	1.04%	0.102%
40	10.428	1257	1265	1271	rVV	1809594	3064667	32.86%	3.221%
41	10.481	1271	1274	1281	rVV	193120	311039	3.34%	0.327%
42	10.586	1289	1292	1297	rVB6	32372	47918	0.51%	0.050%
43	10.986	1354	1360	1363	rBV6	29474	49030	0.53%	0.052%
44	11.345	1418	1421	1427	rVB2	35161	61665	0.66%	0.065%
45	11.469	1438	1442	1447	rVB8	24925	42200	0.45%	0.044%
46	11.545	1447	1455	1462	rVB6	44479	98092	1.05%	0.103%
47	11.628	1463	1469	1475	rBV7	25781	47899	0.51%	0.050%
48	11.786	1484	1496	1499	rBV3	78860	192403	2.06%	0.202%
49	11.816	1499	1501	1507	rVB6	53399	81780	0.88%	0.086%
50	12.098	1539	1549	1555	rVV	299771	501781	5.38%	0.527%
51	12.322	1581	1587	1593	rVB	376906	596172	6.39%	0.627%
52	12.410	1598	1602	1610	rVB5	61906	125484	1.35%	0.132%
53	12.498	1611	1617	1622	rBV8	27936	58479	0.63%	0.061%
54	12.933	1684	1691	1696	rBV	193135	285566	3.06%	0.300%
55	13.022	1699	1706	1713	rBV4	57207	130236	1.40%	0.137%
56	13.139	1721	1726	1734	rVB3	59041	94611	1.01%	0.099%
57	13.251	1742	1745	1751	rVB6	27657	41882	0.45%	0.044%
58	13.322	1751	1757	1767	rVB3	65362	202608	2.17%	0.213%
59	13.422	1769	1774	1776	rBV5	46294	73735	0.79%	0.077%
60	13.463	1776	1781	1787	rBV4	82832	181781	1.95%	0.191%
61	13.616	1801	1807	1812	rBV	151089	277689	2.98%	0.292%
62	13.674	1812	1817	1818	rVV	79239	108459	1.16%	0.114%
63	13.710	1818	1823	1828	rVV	2988168	4174558	44.76%	4.387%
64	13.757	1828	1831	1838	rVB	1028444	1338343	14.35%	1.406%
65	13.851	1843	1847	1850	rBV2	110609	163908	1.76%	0.172%
66	13.986	1863	1870	1881	rBV	3379038	5192790	55.68%	5.457%
67	14.104	1886	1890	1894	rVV5	43710	92658	0.99%	0.097%
68	14.151	1894	1898	1905	rVB4	49759	88437	0.95%	0.093%
69	14.292	1915	1922	1928	rBV	2585059	3996687	42.85%	4.200%
70	14.357	1928	1933	1941	rVB3	340444	641845	6.88%	0.675%
71	14.492	1950	1956	1967	rBV2	293532	520001	5.58%	0.546%

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Sample : K5344-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

72	14.704	1987	1992	1997	rVV4	78464	128341	1.38%	0.135%
73	14.780	2000	2005	2009	rVB3	70841	116013	1.24%	0.122%
74	14.921	2026	2029	2035	rVB6	26328	53559	0.57%	0.056%
75	15.180	2071	2073	2078	rBV5	29311	41442	0.44%	0.044%
76	15.292	2086	2092	2097	rBV	4422641	6349427	68.08%	6.673%
77	15.345	2097	2101	2105	rVB	159679	237072	2.54%	0.249%
78	15.410	2106	2112	2119	rBV	1276537	1821309	19.53%	1.914%
79	15.492	2120	2126	2129	rBV4	56588	124140	1.33%	0.130%
80	15.804	2175	2179	2185	rVB3	94408	166857	1.79%	0.175%
81	16.310	2261	2265	2268	rBV4	54869	90124	0.97%	0.095%
82	16.468	2289	2292	2296	rBV4	56646	66982	0.72%	0.070%
83	16.927	2367	2370	2374	rVB2	56344	75900	0.81%	0.080%
84	17.039	2383	2389	2394	rBV2	3274923	4483290	48.07%	4.711%
85	17.080	2394	2396	2400	rVV	283168	323686	3.47%	0.340%
86	17.139	2400	2406	2418	rVB	4962993	7098354	76.11%	7.460%
87	17.239	2419	2423	2428	rBV6	75507	109696	1.18%	0.115%
88	17.833	2520	2524	2528	rBV4	117543	180583	1.94%	0.190%
89	17.962	2542	2546	2554	rBV	717802	970516	10.41%	1.020%
90	18.104	2567	2570	2575	rVB2	75565	119292	1.28%	0.125%
91	18.268	2594	2598	2602	rBV6	52381	82945	0.89%	0.087%
92	19.098	2737	2739	2742	rBV	78840	88153	0.95%	0.093%
93	19.251	2761	2765	2771	rBV3	149896	223351	2.39%	0.235%
94	19.433	2791	2796	2803	rBV	5997300	8421694	90.30%	8.850%
95	20.250	2931	2935	2940	rVB2	267145	330293	3.54%	0.347%
96	20.974	3055	3058	3063	rBV3	334160	415908	4.46%	0.437%
97	21.227	3096	3101	3106	rBV	4201617	5248995	56.28%	5.516%
98	22.433	3304	3306	3317	rVB	498407	658034	7.06%	0.692%
99	23.291	3446	3452	3461	rVB	5244365	9326112	100.00%	9.801%
100	23.433	3470	3476	3487	rVB	3137631	5740735	61.56%	6.033%

Sum of corrected areas: 95156730

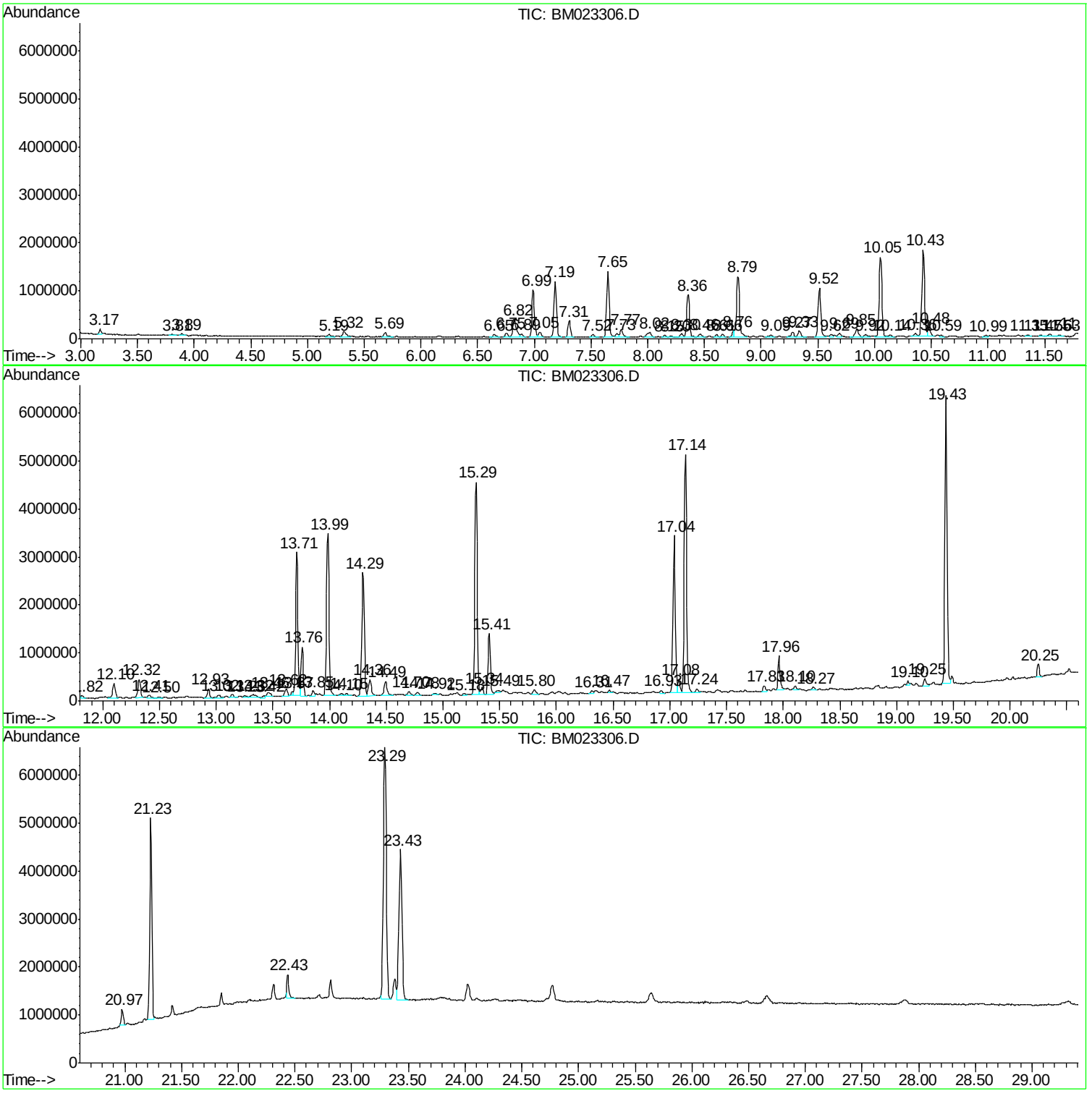
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023306.D
Acq On : 20 Oct 2019 03:02
Operator : JU
Sample : K5344-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

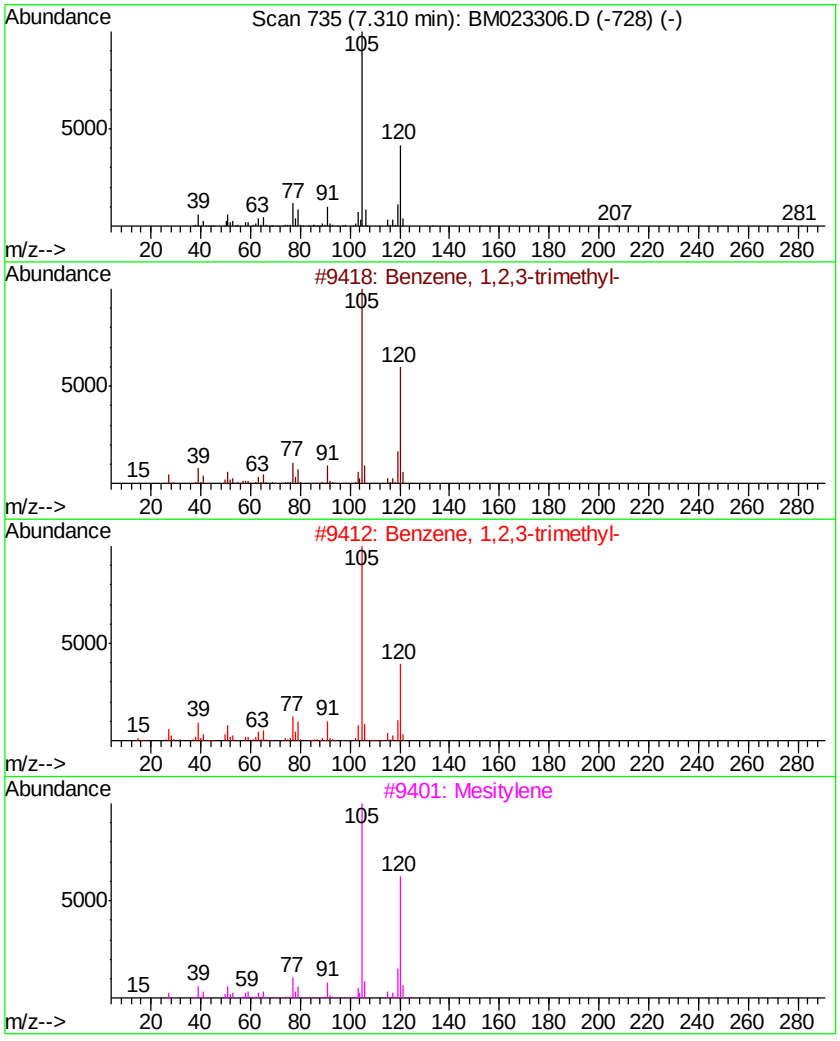
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

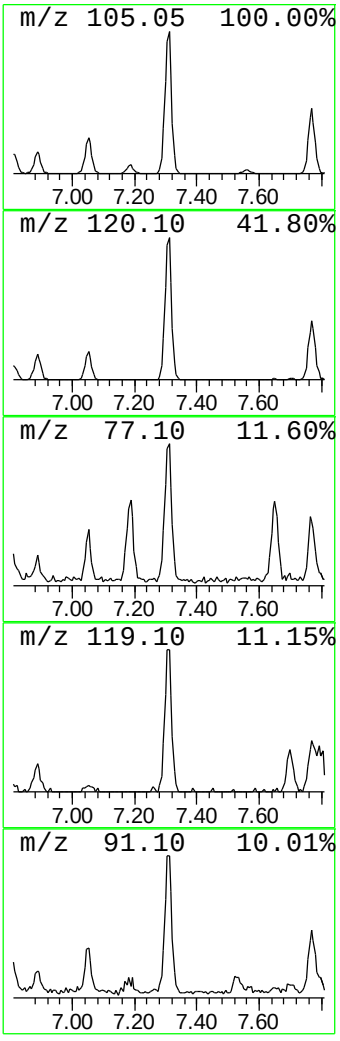
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	4.71 ng/ul	525254	1,4-Dichlorobenzene-d4	7.65

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	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023306.D
Acq On : 20 Oct 2019 03:02
Operator : JU
Sample : K5344-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

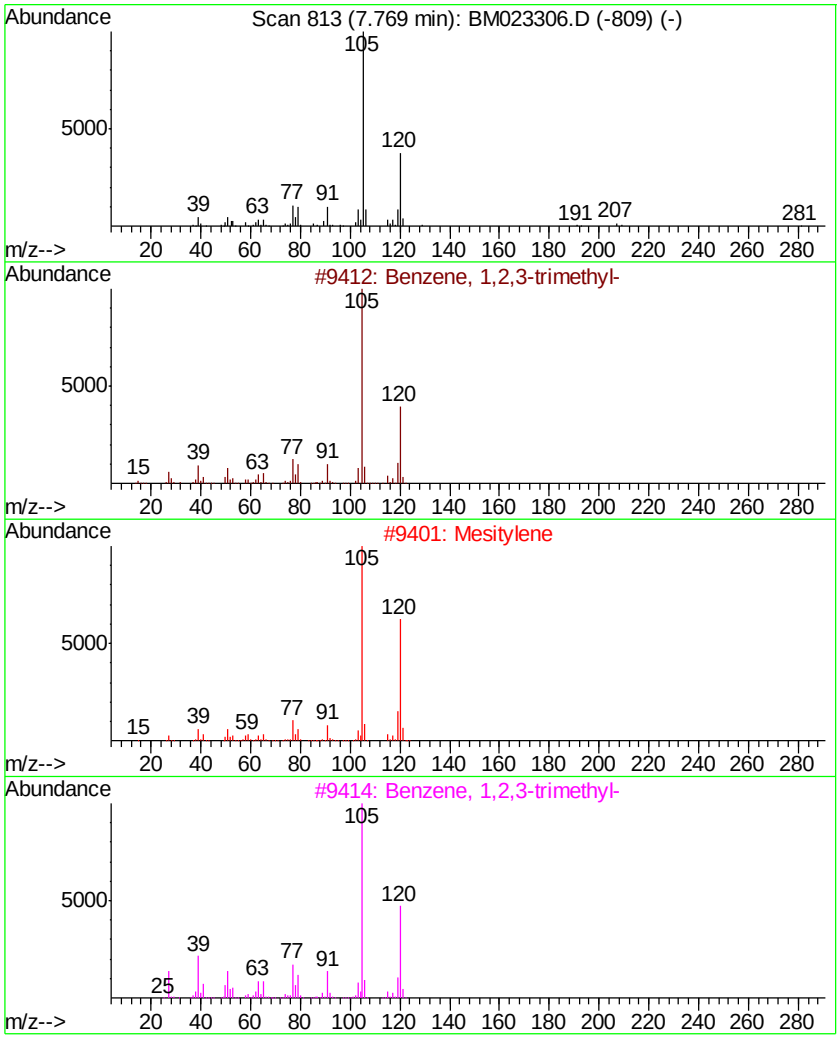
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

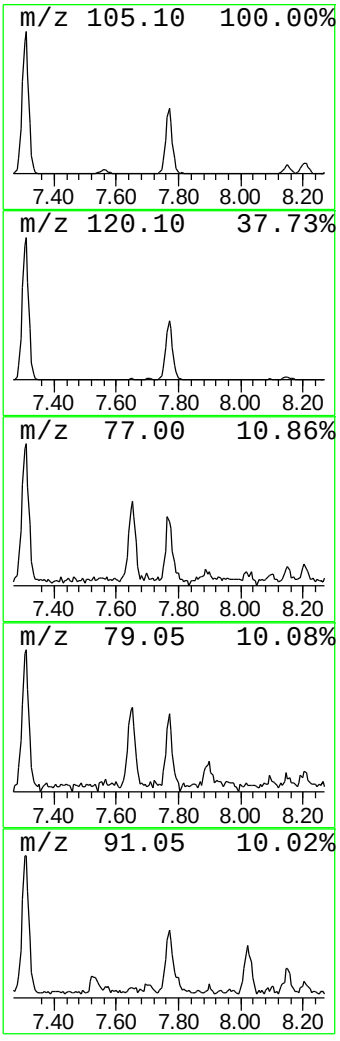
****

Peak Number 2 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	2.62 ng/ul	292586	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId : BF6L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

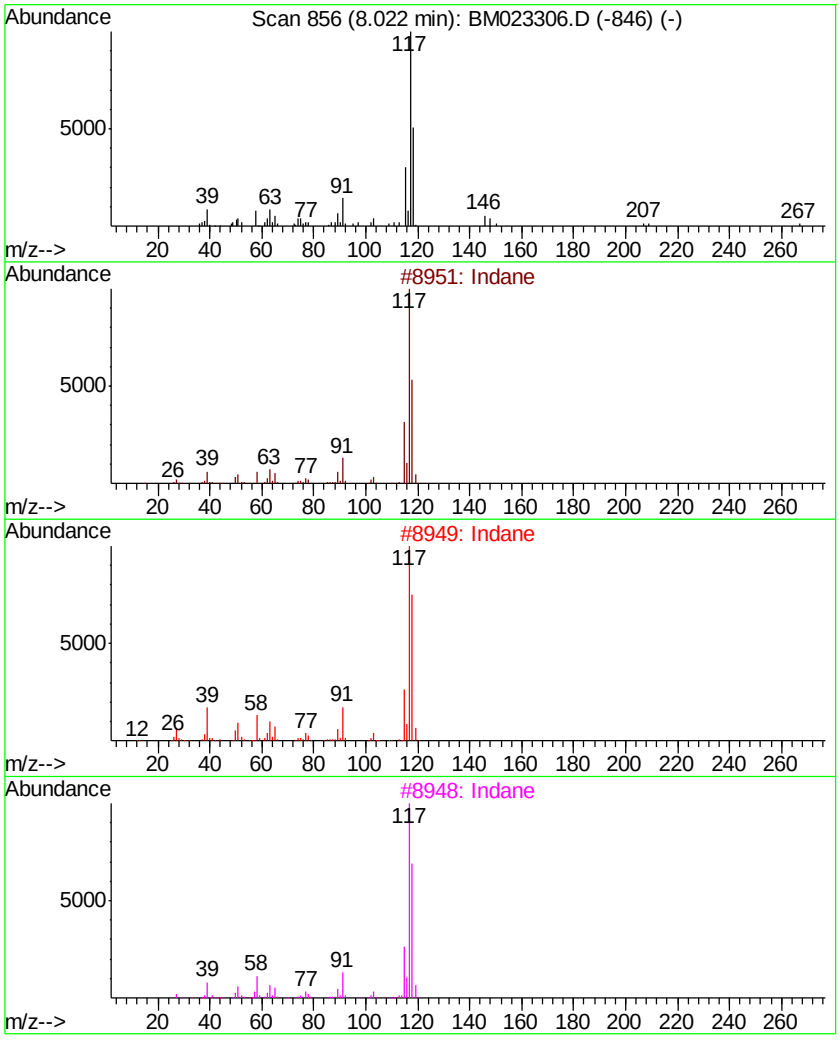
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

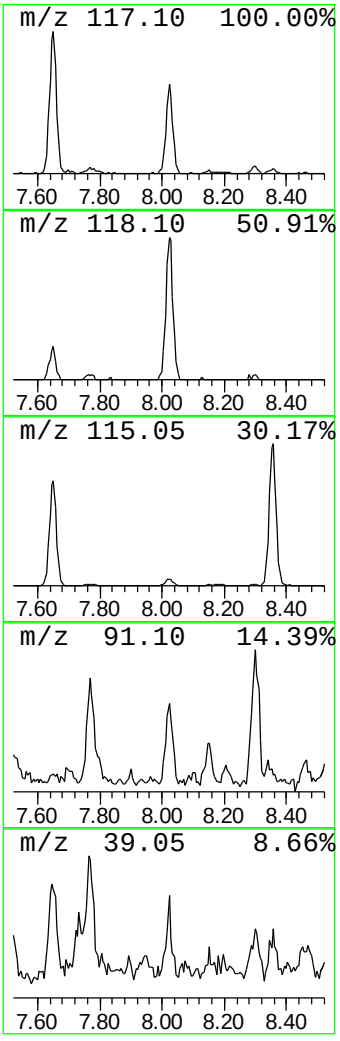
****

Peak Number 3 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	2.20 ng/ul	245054	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	81
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

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Data File : BM023306.D
Acq On : 20 Oct 2019 03:02
Operator : JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

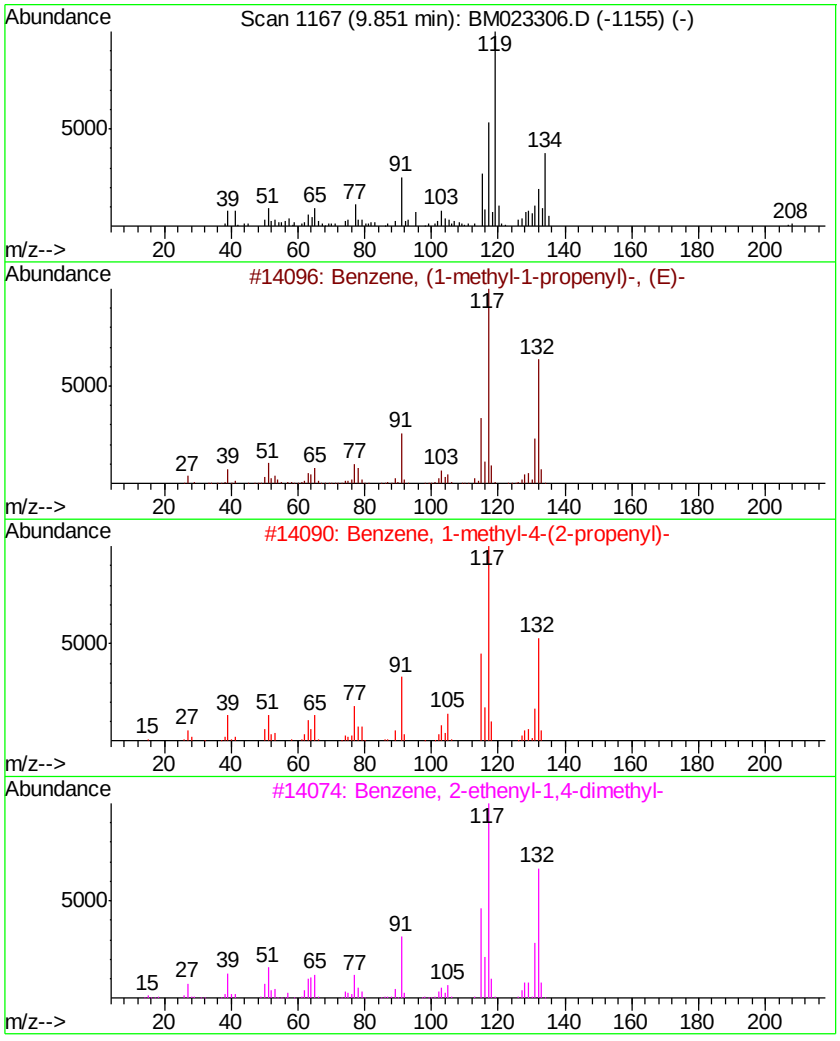
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

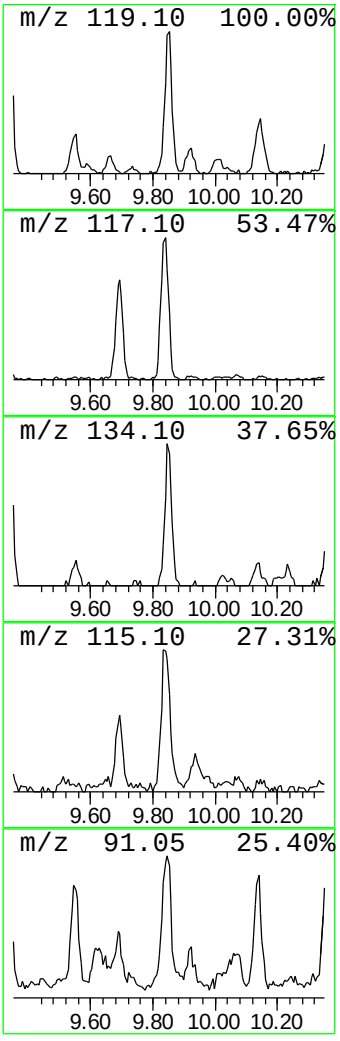
****

Peak Number 4 Benzene, (1-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.38 ng/ul	364040	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50





Library Search Compound Report

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Data File : BM023306.D
Acq On : 20 Oct 2019 03:02
Operator : JU
Sample : K5344-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

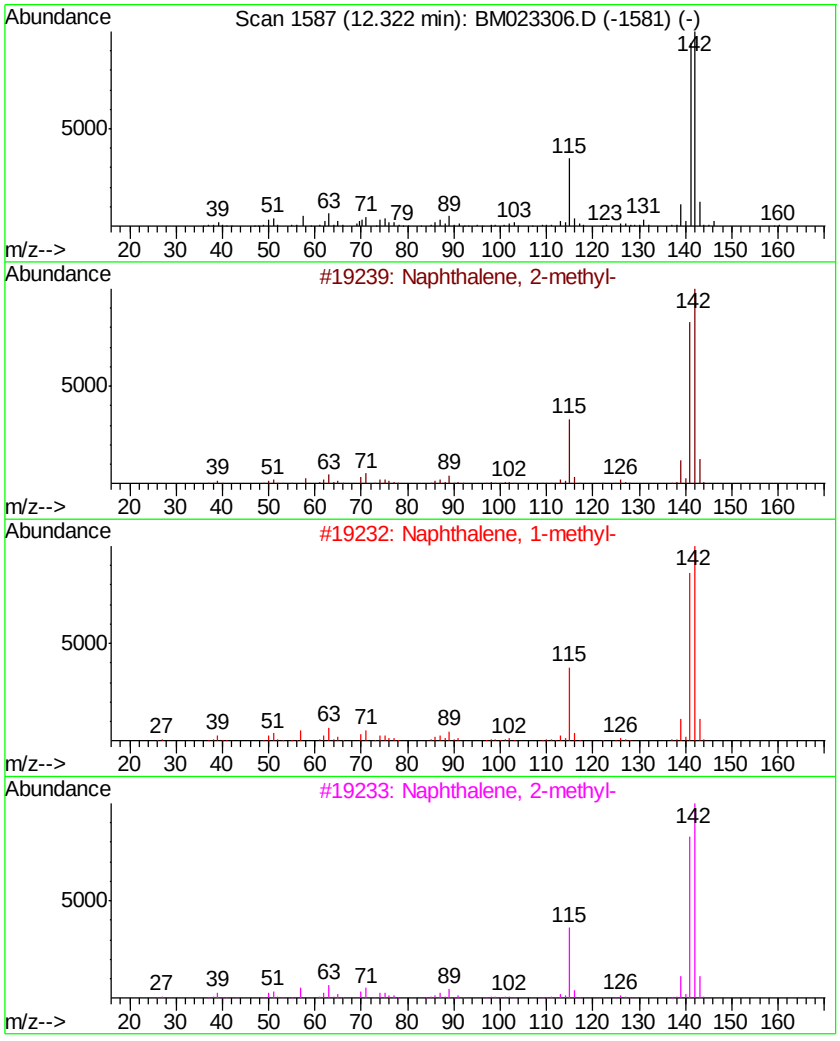
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

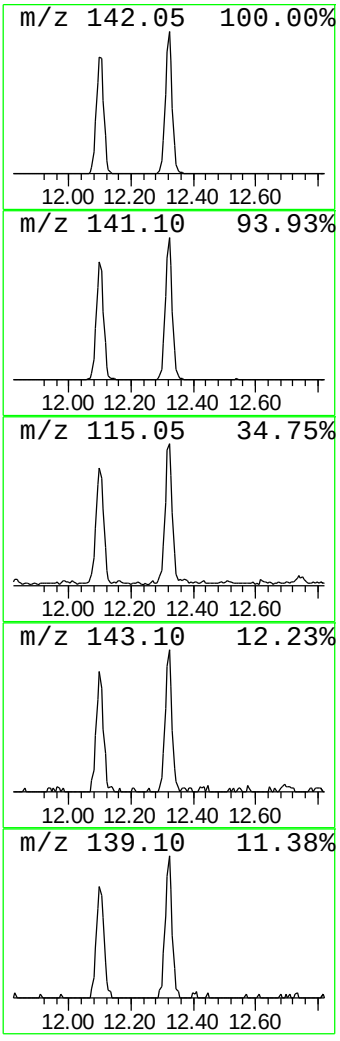
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	3.89 ng/ul	596172	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023306.D
Acq On : 20 Oct 2019 03:02
Operator : JU
Sample : K5344-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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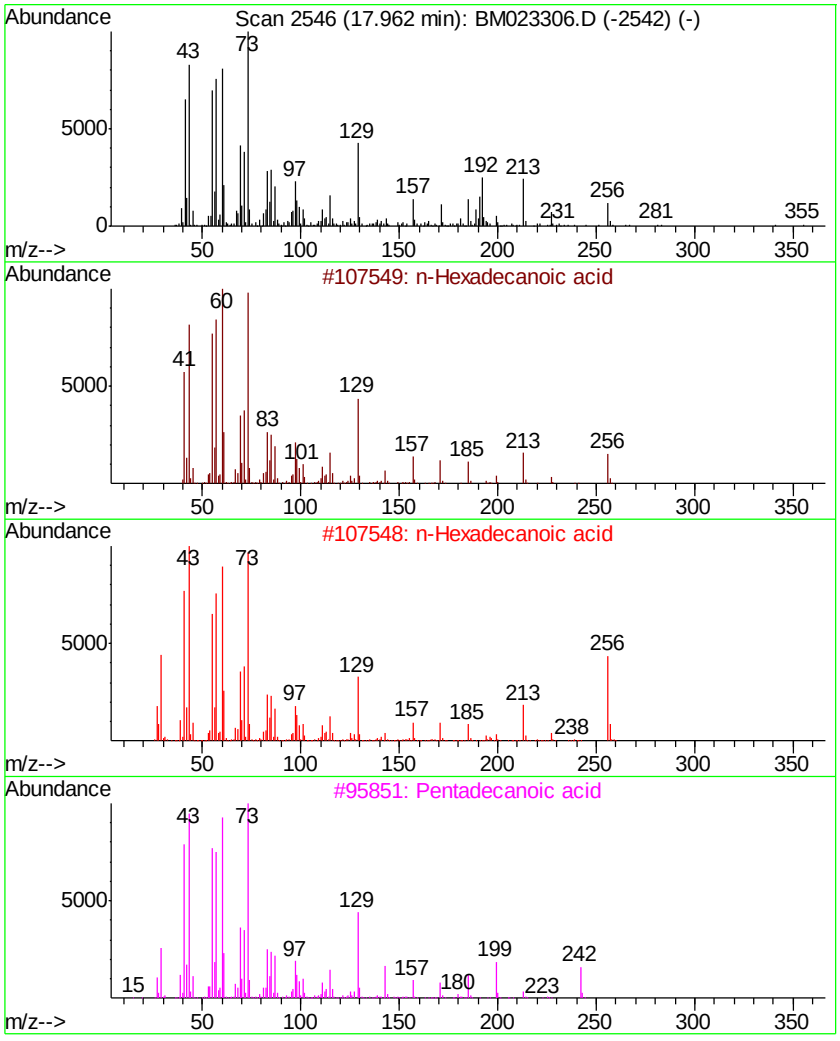
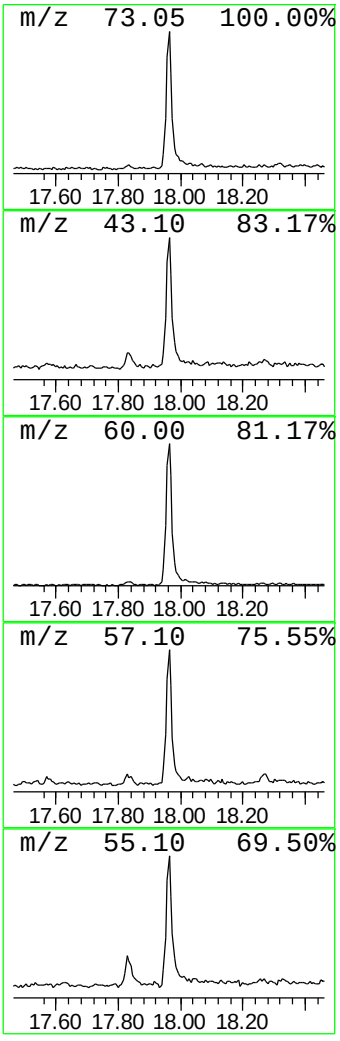
Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.33 ng/ul	970516	Phenanthrene-d10	17.04

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	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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Data File : BM023306.D
Acq On : 20 Oct 2019 03:02
Operator : JU
Sample : K5344-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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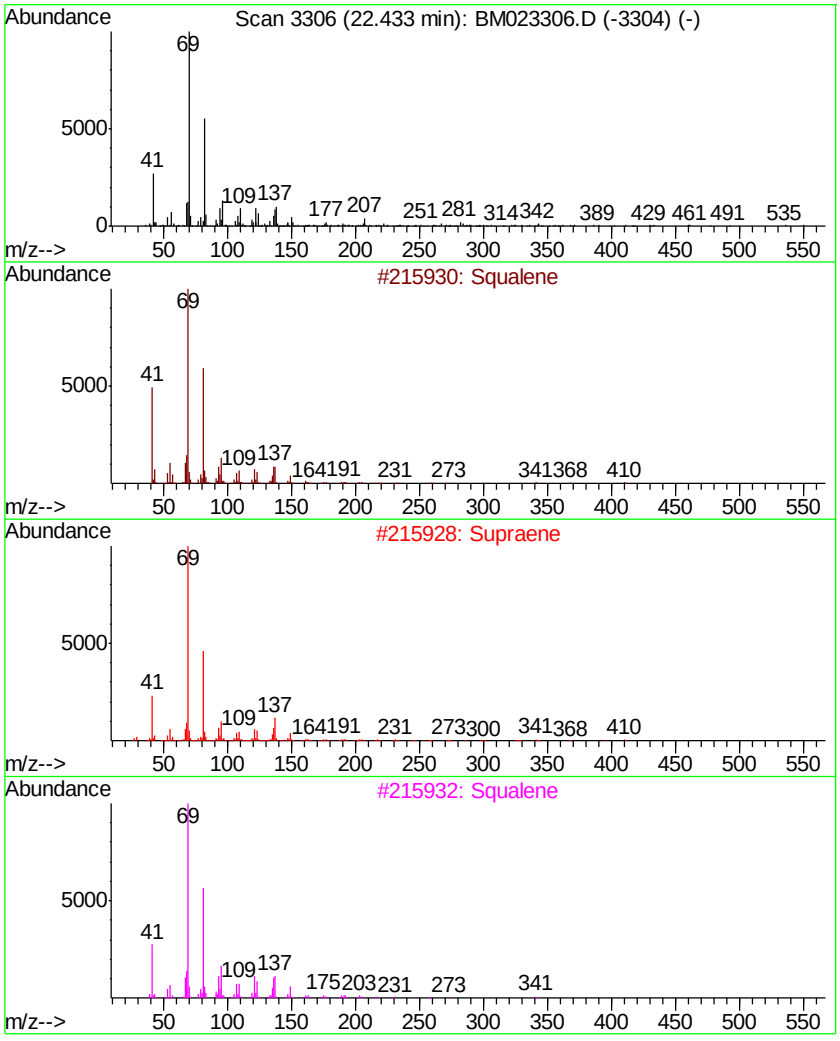
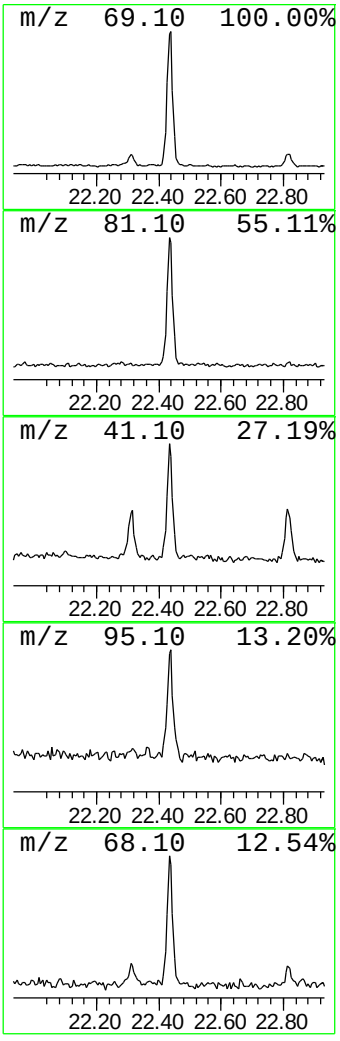
Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.29 ng/ul	658034	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	98
2	Supraene	410	C30H50	007683-64-9	97
3	Squalene	410	C30H50	000111-02-4	87
4	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	81
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101919\
Data File : BM023306.D
Acq On : 20 Oct 2019 03:02
Operator : JU
Sample : K5344-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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, 1,2,3-tr...	7.31	4.7	ng/ul	525254	1	7.65	2231140	20.0
Mesitylene	7.77	2.6	ng/ul	292586	1	7.65	2231140	20.0
Indane	8.02	2.2	ng/ul	245054	1	7.65	2231140	20.0
Benzene, (1-methy...	9.85	2.4	ng/ul	364040	2	10.43	3064670	20.0
Naphthalene, 1-me...	12.32	3.9	ng/ul	596172	2	10.43	3064670	20.0
n-Hexadecanoic acid	17.96	4.3	ng/ul	970516	4	17.04	4483290	20.0
Squalene	22.43	2.3	ng/ul	658034	6	23.43	5740740	20.0