LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012508.D
Acq On : 28 Oct 2017 04:53
Operator : SJ/JU
Sample : I5786-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-7(5-6)_101017

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	3.152	7	11	21	rVB	142405	213684	2.69%	0.209%
2	3.363	43	47	54	rVB	96495	139576	1.76%	0.136%
3	3.699	100	104	111	rVB	84396	119996	1.51%	0.117%
4	3.869	129	133	138	rVB	95861	125502	1.58%	0.123%
5	4.093	165	171	180	rVB	656722	915029	11.53%	0.895%
6	5.399	388	393	398	rVB	81663	122256	1.54%	0.120%
7	5.528	409	415	427	rBV	643456	1341775	16.91%	1.312%
8	5.893	471	477	483	rBV	304007	468949	5.91%	0.458%
9	6.869	638	643	648	rVB4	77049	133173	1.68%	0.130%
10	6.963	655	659	664	rBV	127205	174466	2.20%	0.171%
11	7.040	664	672	681	rBV2	1761447	3430227	43.23%	3.354%
12	7.198	689	699	706	rBV	1306946	2032496	25.61%	1.987%
13	7.404	723	734	744	rBV	1818582	2885636	36.37%	2.821%
14	7.522	744	754	763	rVB2	261757	610088	7.69%	0.596%
15	7.869	805	813	822	rBV	1951265	3115508	39.26%	3.046%
16	8.004	828	836	841	rBV3	97855	241453	3.04%	0.236%
17	8.416	901	906	912	rBV2	72537	124812	1.57%	0.122%
18	8.575	926	933	940	rVB	1709497	2795553	35.23%	2.733%
19	8.975	990	1001	1003	rBV3	61364	130065	1.64%	0.127%
20	9.022	1003	1009	1017	rVV	1543759	2644517	33.33%	2.586%
21	9.098	1017	1022	1027	rVB	86900	139146	1.75%	0.136%
22	9.745	1124	1132	1138	rBV	1319631	2239959	28.23%	2.190%
23	10.281	1212	1223	1232	rBV	2073857	3460865	43.61%	3.384%
24	10.663	1279	1288	1295	rBV	2312668	3911017	49.29%	3.824%
25	10.798	1302	1311	1321	rBV	695805	1337287	16.85%	1.307%
26	11.975	1500	1511	1517	rBV	219491	366251	4.62%	0.358%
27	13.380	1745	1750	1757	rBV	94581	142654	1.80%	0.139%
28	13.910	1832	1840	1844	rBV	3195740	4491161	56.60%	4.391%
29	13.951	1844	1847	1852	rVB	227264	297699	3.75%	0.291%
30	14.192	1876	1888	1896	rBV	3785670	5441009	68.57%	5.320%
31	14.498	1932	1940	1949	rBV2	3024943	4710830	59.37%	4.606%
32	14.692	1967	1973	1986	rBV	1201206	1870605	23.57%	1.829%
33	14.845	1993	1999	2005	rBV	140093	233805	2.95%	0.229%
34	15.492	2103	2109	2115	rBV	4702912	6463829	81.46%	6.320%

LSC Area Percent Report

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Data File : BM012508.D
Acq On : 28 Oct 2017 04:53
Operator : SJ/JU
Sample : I5786-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-7(5-6)_101017

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	15.610	2123	2129	2136	rBV	972700	1362612	17.17%	1.332%
36	15.857	2165	2171	2177	rVB	641027	907293	11.43%	0.887%
37	16.239	2228	2236	2241	rBV3	77504	194925	2.46%	0.191%
38	17.239	2400	2406	2411	rBV2	3606955	5201984	65.56%	5.086%
39	17.339	2417	2423	2431	rBV2	4595633	6439741	81.16%	6.296%
40	17.421	2432	2437	2444	rBV	3223857	4074735	51.35%	3.984%
41	18.015	2535	2538	2545	rBV8	122041	249302	3.14%	0.244%
42	18.133	2554	2558	2566	rVV2	794300	1116406	14.07%	1.092%
43	18.204	2566	2570	2575	rVB	942551	1153997	14.54%	1.128%
44	18.833	2674	2677	2679	rBV2	184323	245527	3.09%	0.240%
45	18.857	2679	2681	2685	rVB2	275749	297816	3.75%	0.291%
46	18.915	2687	2691	2700	rVV3	433724	958546	12.08%	0.937%
47	19.033	2708	2711	2714	rBV2	248501	295454	3.72%	0.289%
48	19.292	2752	2755	2758	rBV	367010	495199	6.24%	0.484%
49	19.356	2763	2766	2769	rVV3	298306	387364	4.88%	0.379%
50	19.409	2773	2775	2779	rVV2	273741	318680	4.02%	0.312%
51	19.627	2807	2812	2817	rBV	5562889	7935078	100.00%	7.758%
52	21.409	3112	3115	3120	rVB	4998188	5935423	74.80%	5.803%
53	23.574	3479	3483	3491	rVB2	4374280	7839692	98.80%	7.665%

Sum of corrected areas: 102280652

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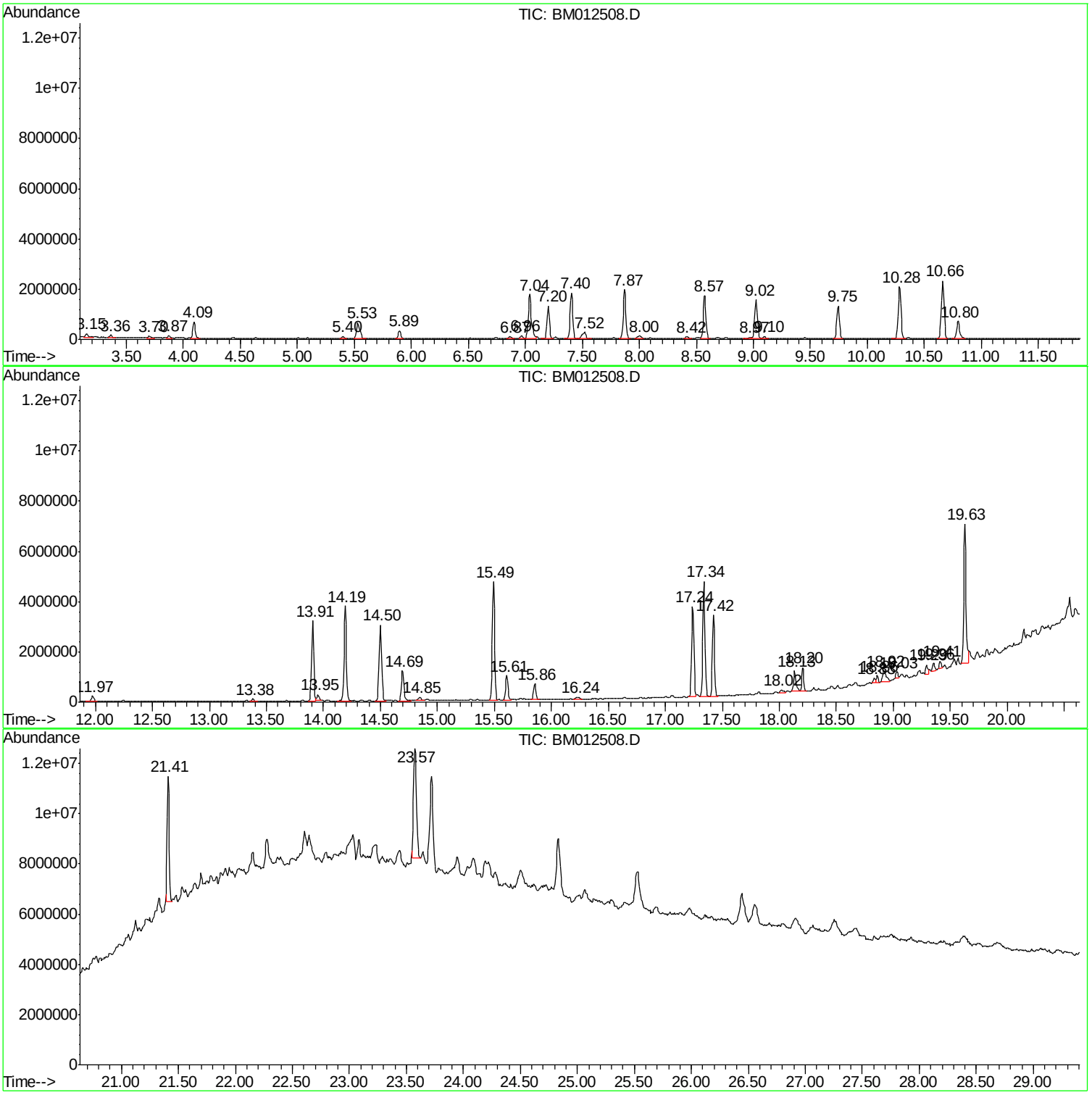
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-7(5-6)_101017

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\BM102717\
Data File : BM012508.D
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Operator : SJ/JU
Sample : I5786-09
Misc :
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Instrument : BNA_M
ClientSampleId : B-7(5-6)_101017

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

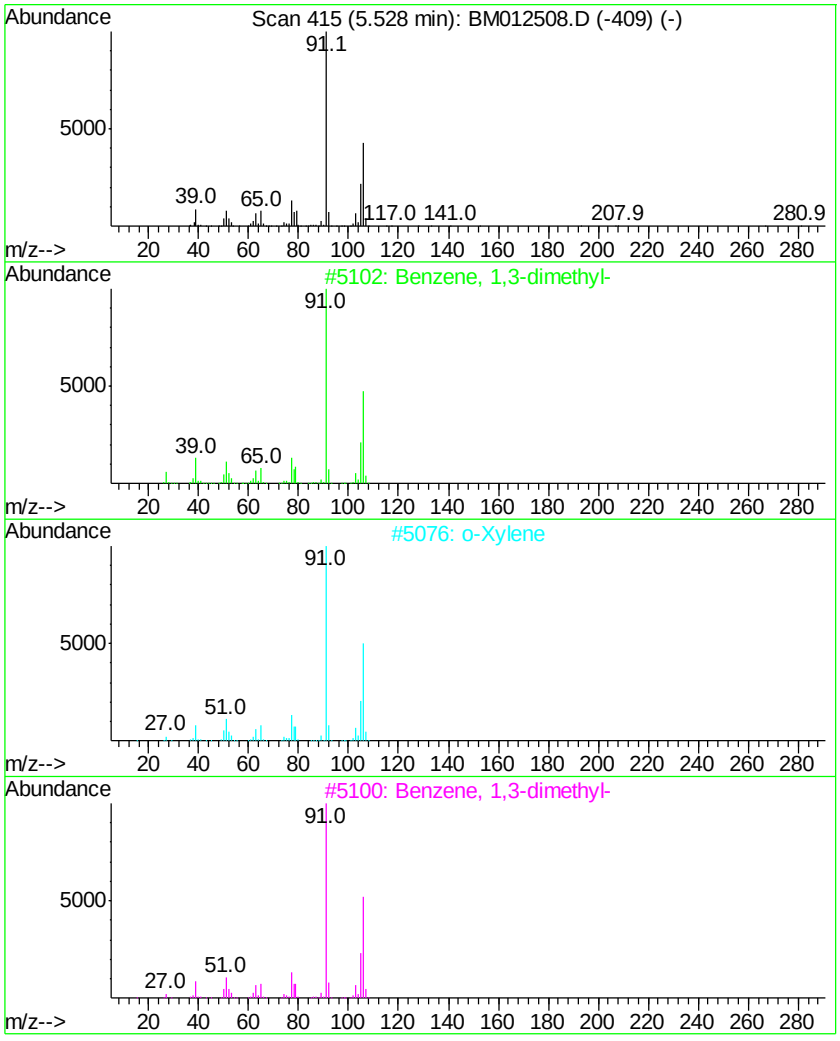
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

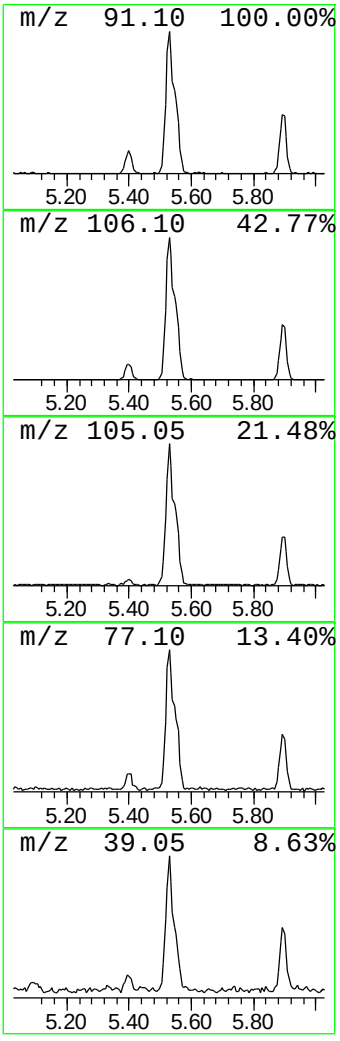
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	8.61 ng/ul	1341780	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012508.D
Acq On : 28 Oct 2017 04:53
Operator : SJ/JU
Sample : I5786-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-7(5-6)_101017

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

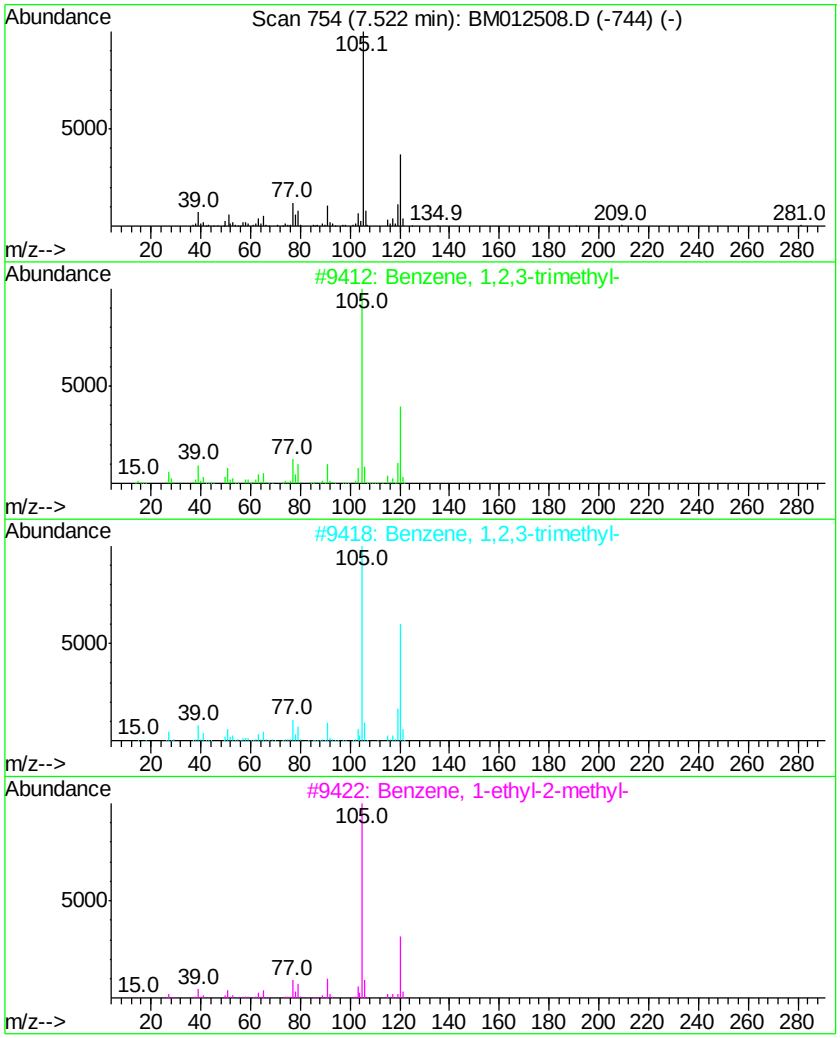
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

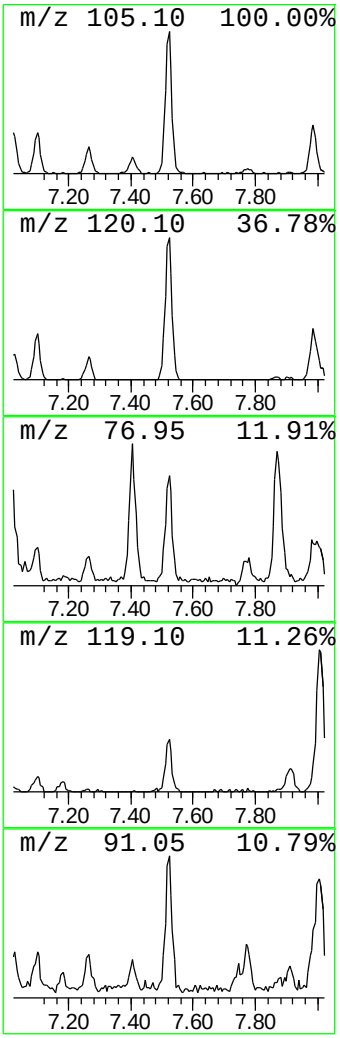
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	3.92 ng/ul	610088	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : BM012508.D
Acq On : 28 Oct 2017 04:53
Operator : SJ/JU
Sample : I5786-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-7(5-6)_101017

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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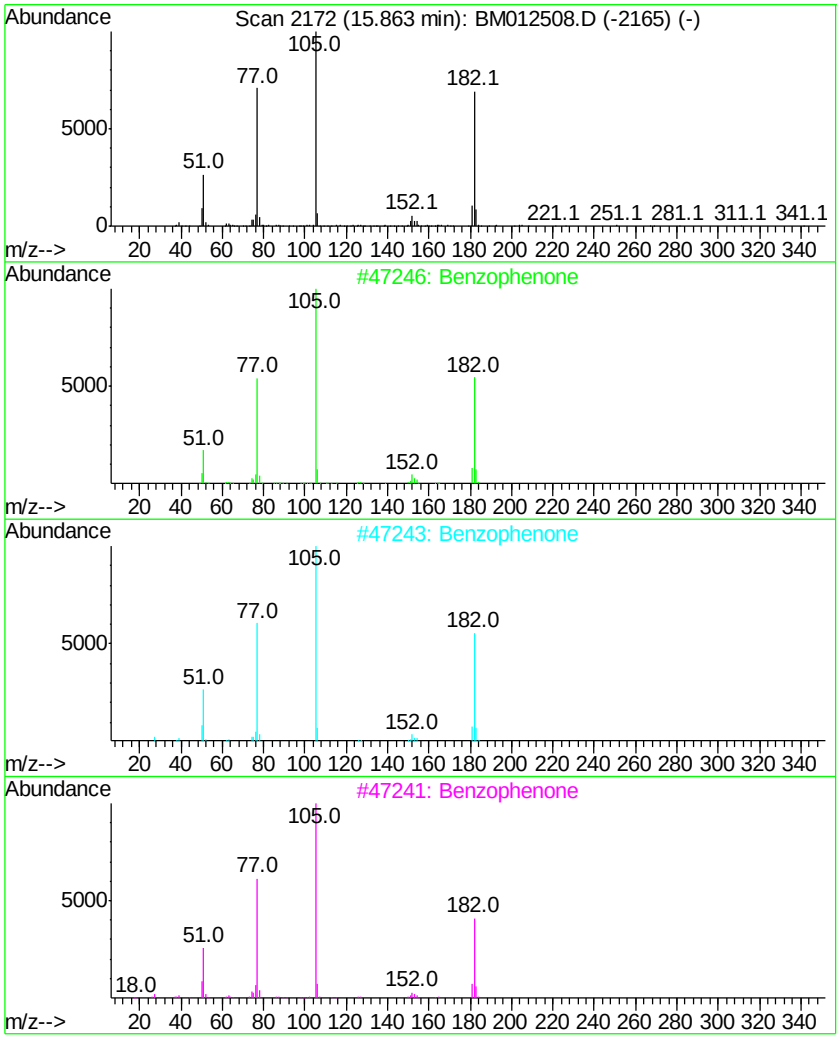
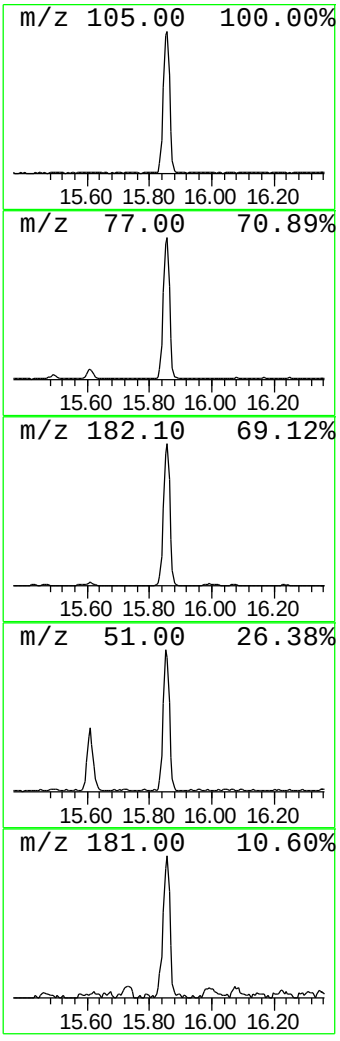
Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.85 ng/ul	907293	Acenaphthene-d10	14.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	89





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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-7(5-6)_101017

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

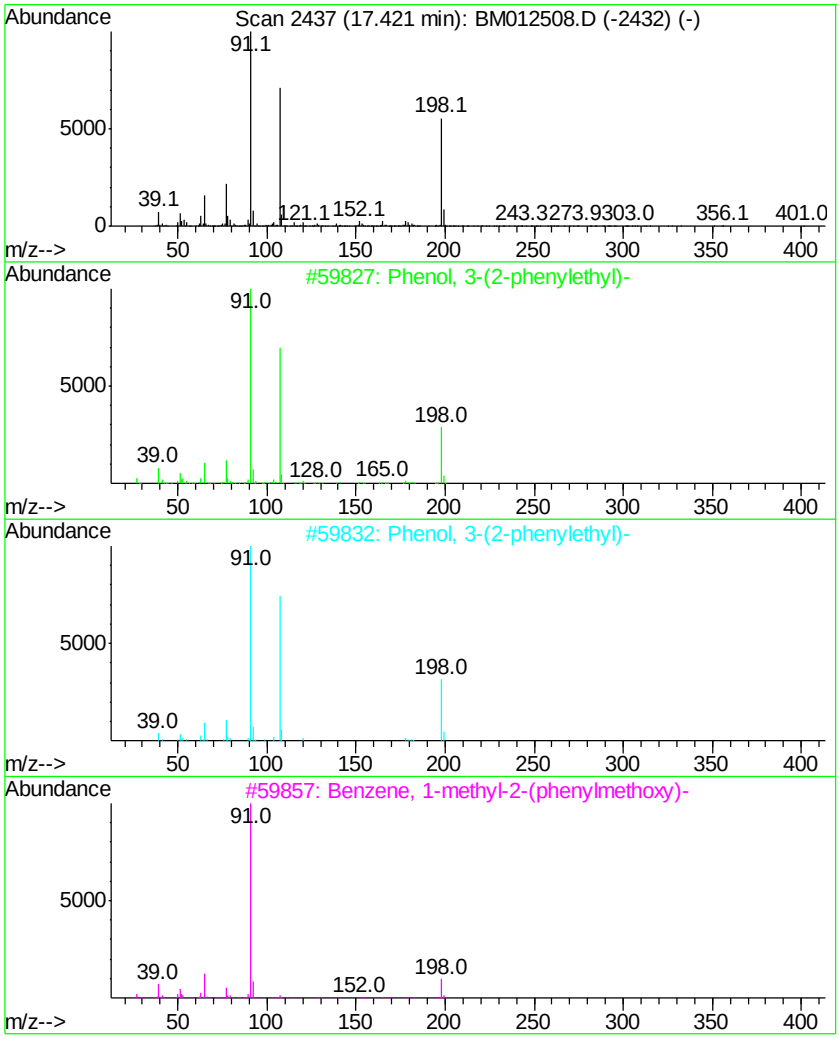
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

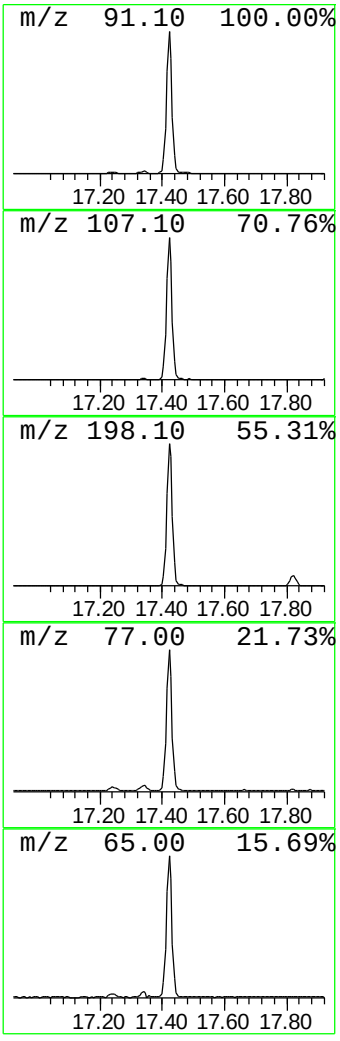
****

Peak Number 6 Phenol, 3-(2-phenylethyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	15.67 ng/ul	4074740	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
3	Benzene, 1-methyl-2-(phenylmetho...	198	C14H14O	019578-70-2	43
4	Benzyl mandelate	242	C15H14O3	000890-98-2	43
5	2-Propen-1-one, 3-(2-furanyl)-1-...	198	C13H10O2	000717-21-5	43





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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : B-7(5-6)_101017

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

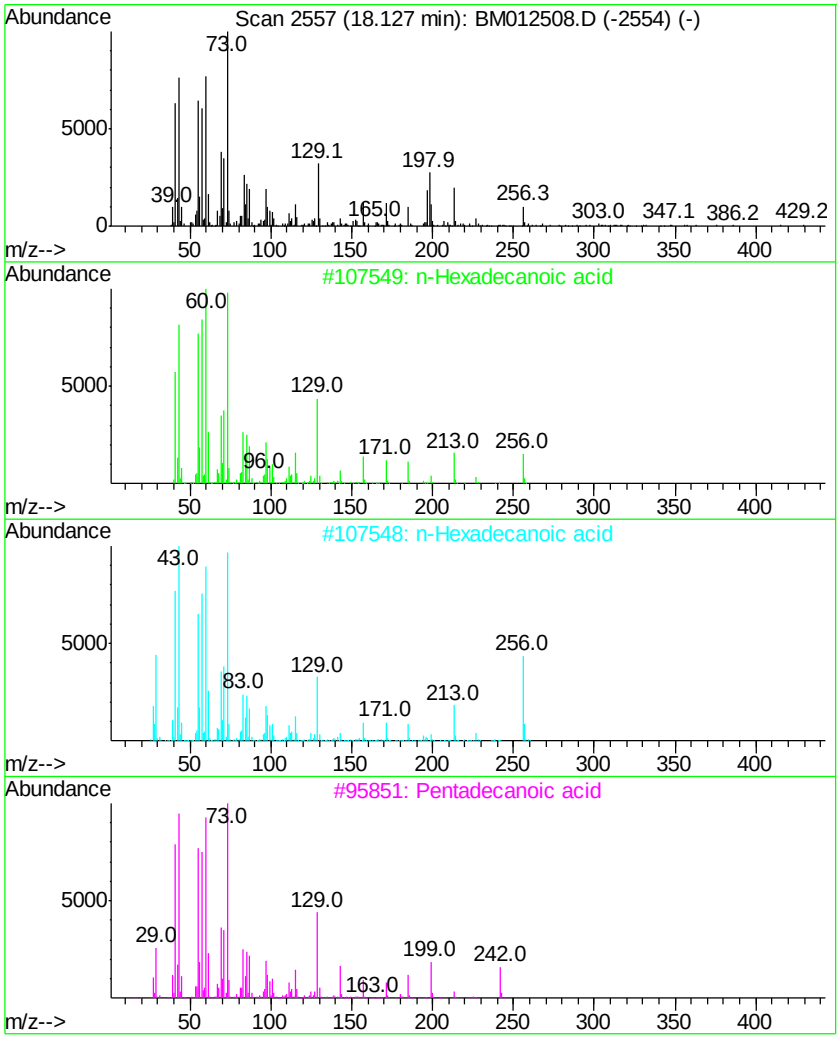
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

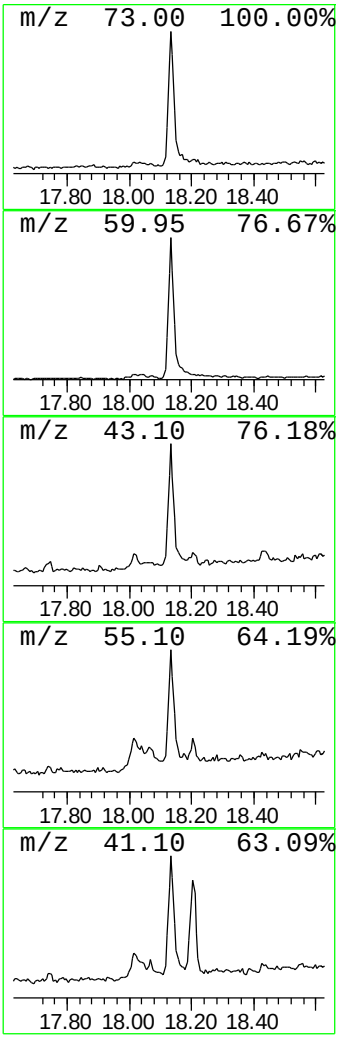
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.29 ng/ul	1116410	Phenanthrene-d10	17.24

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	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
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ClientSampleId : B-7(5-6)_101017

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

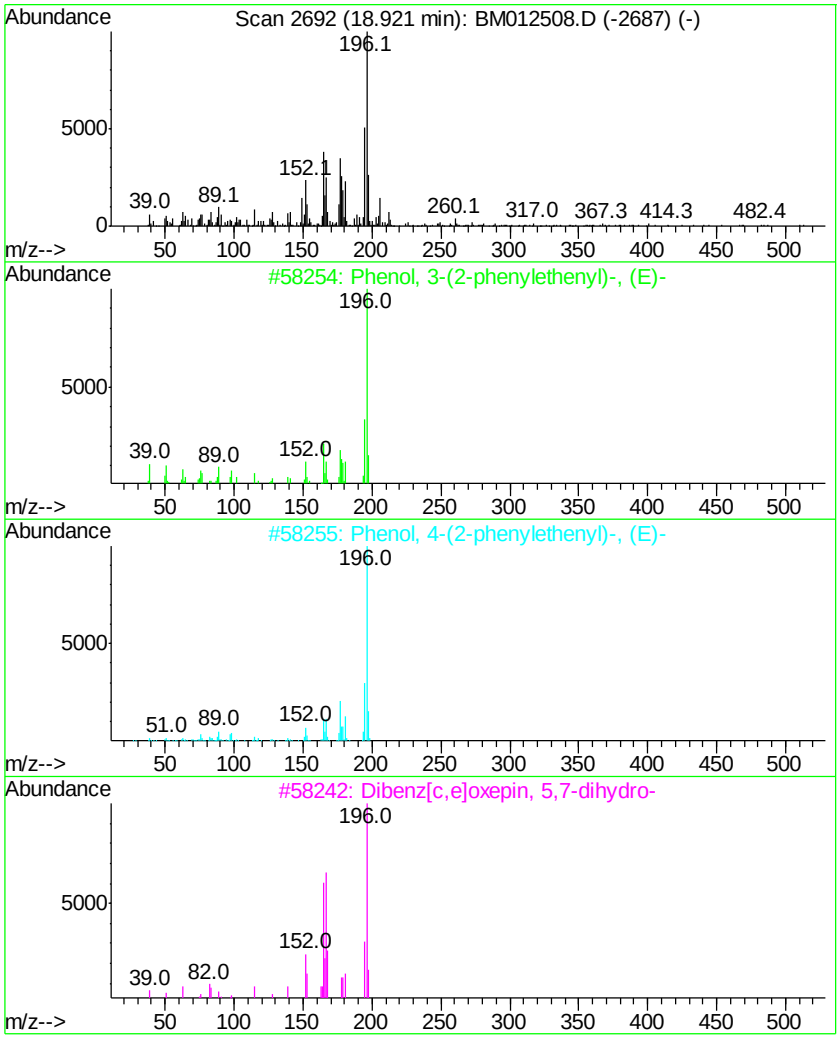
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

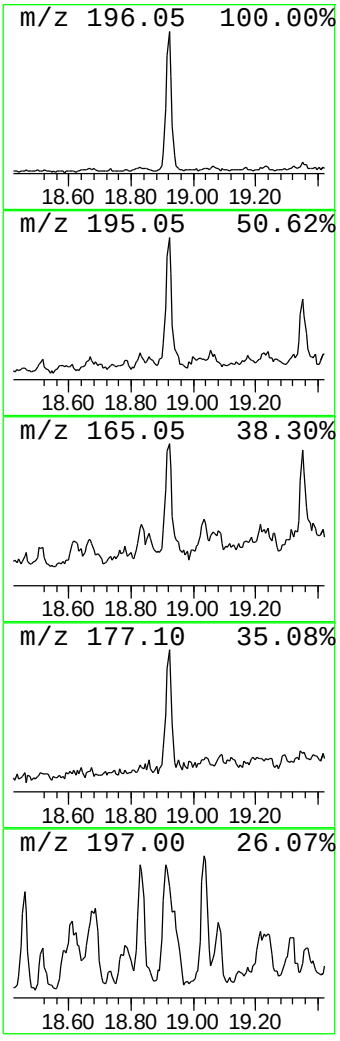
****

Peak Number 8 Phenol, 3-(2-phenylethenyl)... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.69 ng/ul	958546	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	89
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
3	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	46
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
ClientSampleId : B-7(5-6)_101017

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...	5.53	8.6	ng/ul	1341780	1	7.87	3115510	20.0
Benzene, 1,2,3-tr...	7.52	3.9	ng/ul	610088	1	7.87	3115510	20.0
Benzophenone	15.86	3.9	ng/ul	907293	3	14.50	4710830	20.0
Phenol, 3-(2-phen...	17.42	15.7	ng/ul	4074740	4	17.24	5201980	20.0
n-Hexadecanoic acid	18.13	4.3	ng/ul	1116410	4	17.24	5201980	20.0
Phenol, 3-(2-phen...	18.92	3.7	ng/ul	958546	4	17.24	5201980	20.0