LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010705.D
Acq On : 24 Jun 2017 00:14
Operator : SJ/JU
Sample : I3599-13MEDL 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27MEDL

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-BM062017.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	6.175	554	559	565	rBB	20926	28518	1.42%	0.161%
2	7.463	771	778	787	rBB	323283	506879	25.19%	2.859%
3	7.828	832	840	845	rBV	30357	42357	2.11%	0.239%
4	7.987	861	867	872	rBB	42744	62020	3.08%	0.350%
5	10.222	1240	1247	1251	rBV	503056	829071	41.20%	4.676%
6	10.275	1251	1256	1264	rVV	1081276	1721669	85.56%	9.711%
7	10.386	1266	1275	1283	rBV	46670	79709	3.96%	0.450%
8	11.892	1524	1531	1538	rBB	409025	633511	31.48%	3.573%
9	12.116	1560	1569	1576	rBB	179976	287466	14.29%	1.621%
10	12.933	1701	1708	1713	rBB	89924	127631	6.34%	0.720%
11	13.127	1737	1741	1746	rBV2	24476	38592	1.92%	0.218%
12	13.269	1759	1765	1766	rBV2	45294	67478	3.35%	0.381%
13	13.286	1766	1768	1774	rVB	46911	51732	2.57%	0.292%
14	13.427	1786	1792	1797	rBV2	69565	115502	5.74%	0.651%
15	13.480	1797	1801	1806	rVV	48440	63996	3.18%	0.361%
16	13.663	1826	1832	1836	rBV2	25400	36278	1.80%	0.205%
17	13.798	1850	1855	1857	rBV2	16660	21447	1.07%	0.121%
18	13.827	1857	1860	1866	rVB3	21797	32372	1.61%	0.183%
19	14.110	1901	1908	1914	rBV2	835074	1308383	65.02%	7.380%
20	14.174	1914	1919	1928	rVB	324417	472954	23.50%	2.668%
21	14.510	1971	1976	1985	rVB	281861	401126	19.93%	2.263%
22	15.110	2074	2078	2082	rBV3	27852	40259	2.00%	0.227%
23	15.168	2082	2088	2093	rVV	365962	500686	24.88%	2.824%
24	15.327	2112	2115	2120	rVB	38712	48459	2.41%	0.273%
25	15.468	2134	2139	2146	rVB	51451	69200	3.44%	0.390%
26	15.610	2158	2163	2171	rVB	53474	103787	5.16%	0.585%
27	16.174	2250	2259	2264	rBV3	37159	65624	3.26%	0.370%
28	16.327	2278	2285	2289	rVB5	14705	23633	1.17%	0.133%
29	16.604	2327	2332	2338	rBV2	15494	26044	1.29%	0.147%
30	16.680	2342	2345	2351	rVB	66720	89717	4.46%	0.506%
31	16.868	2370	2377	2380	rBV	1162759	1638408	81.42%	9.241%
32	16.910	2380	2384	2390	rVV	1140687	1510910	75.09%	8.522%
33	16.962	2390	2393	2395	rVV2	30243	40149	2.00%	0.226%
34	16.998	2395	2399	2405	rVB	158473	213175	10.59%	1.202%

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Misc :
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Instrument : BNA_M
ClientSampleId : F5B27MEDL

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	17.274	2441	2446	2451	rBV	75028	96296	4.79%	0.543%
36	17.739	2520	2525	2530	rBV	66784	95260	4.73%	0.537%
37	17.792	2530	2534	2540	rVB	100526	133453	6.63%	0.753%
38	17.868	2542	2547	2552	rBV2	34437	49786	2.47%	0.281%
39	17.933	2552	2558	2563	rVV2	125096	205093	10.19%	1.157%
40	17.974	2563	2565	2569	rVB	32672	33790	1.68%	0.191%
41	18.251	2609	2612	2617	rVB	54553	64640	3.21%	0.365%
42	18.668	2678	2683	2689	rBV3	21347	40340	2.00%	0.228%
43	18.939	2724	2729	2735	rBV	681765	876418	43.56%	4.943%
44	19.180	2765	2770	2776	rBV3	16589	27425	1.36%	0.155%
45	19.274	2781	2786	2787	rBV	144810	158348	7.87%	0.893%
46	19.303	2787	2791	2795	rVB	373159	507473	25.22%	2.862%
47	19.380	2800	2804	2811	rVB5	21597	37374	1.86%	0.211%
48	19.486	2815	2822	2829	rVB	28786	42396	2.11%	0.239%
49	19.627	2841	2846	2847	rBV3	20605	27653	1.37%	0.156%
50	19.768	2866	2870	2872	rVV4	16934	24326	1.21%	0.137%
51	19.809	2872	2877	2882	rVB	85575	116607	5.80%	0.658%
52	19.909	2889	2894	2898	rBV	101683	131251	6.52%	0.740%
53	19.962	2898	2903	2907	rVB3	32903	47922	2.38%	0.270%
54	20.727	3030	3033	3036	rBV2	29009	29269	1.45%	0.165%
55	20.762	3036	3039	3043	rVV4	21022	31675	1.57%	0.179%
56	20.809	3043	3047	3051	rVB4	19656	29184	1.45%	0.165%
57	21.080	3086	3093	3097	rBV	1505444	2012188	100.00%	11.350%
58	21.115	3097	3099	3106	rVB	111515	128473	6.38%	0.725%
59	21.233	3116	3119	3126	rBV3	22887	42055	2.09%	0.237%
60	22.586	3345	3349	3350	rBV3	42158	51070	2.54%	0.288%
61	23.144	3438	3444	3448	rVV6	37284	77549	3.85%	0.437%
62	23.221	3451	3457	3470	rVB	685123	1245342	61.89%	7.024%
63	24.456	3663	3667	3672	rVB8	38183	67522	3.36%	0.381%

Sum of corrected areas: 17728920

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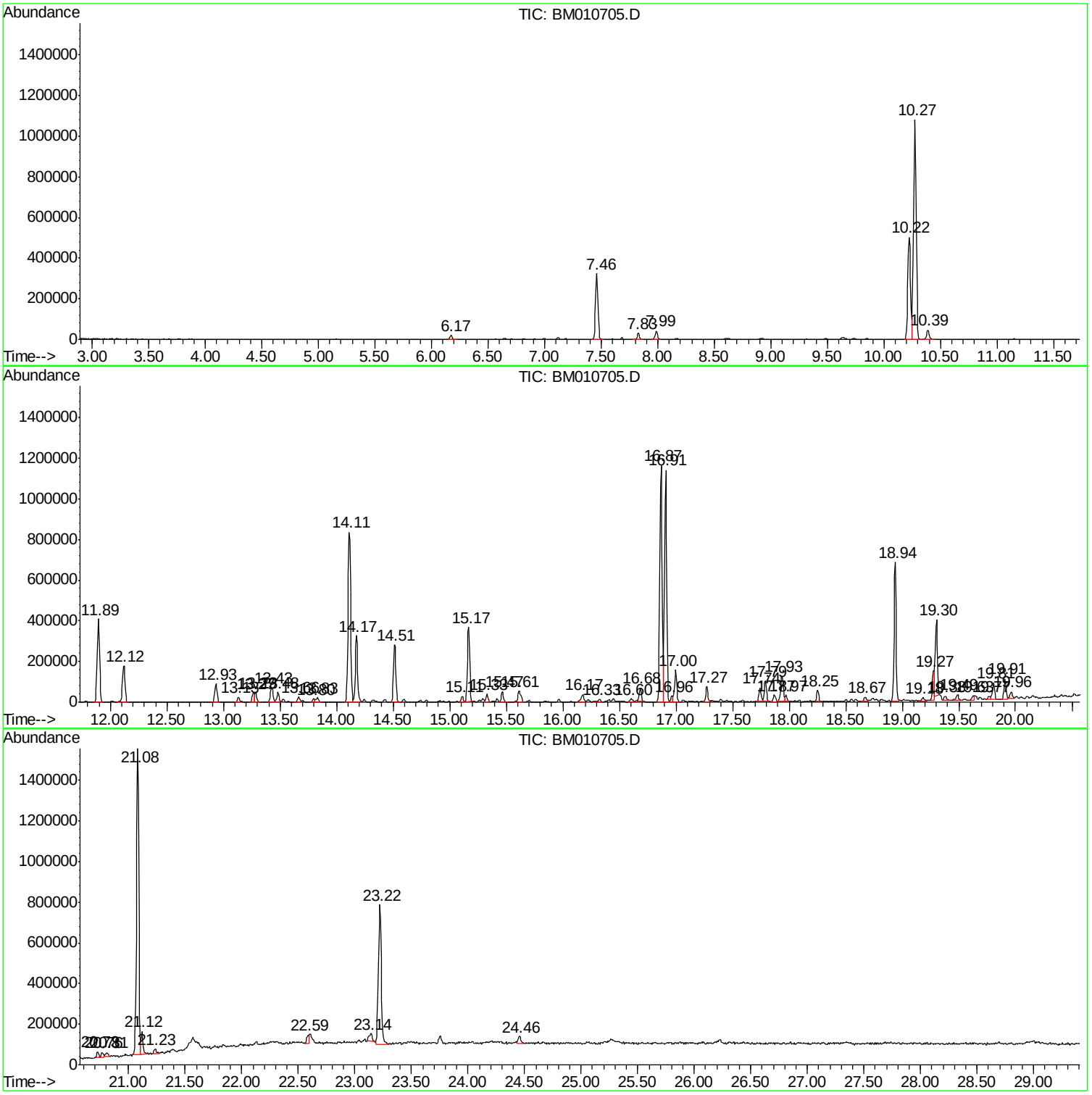
Instrument :
BNA_M
ClientSampleId :
F5B27MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010705.D
Acq On : 24 Jun 2017 00:14
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

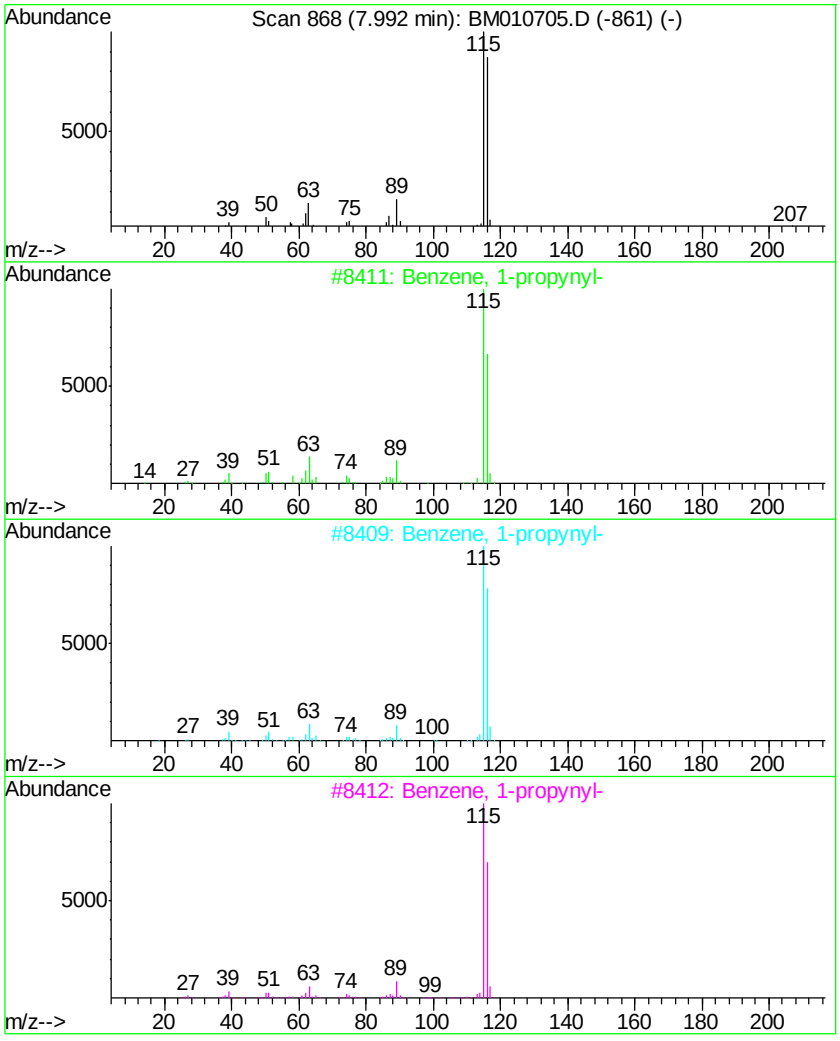
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

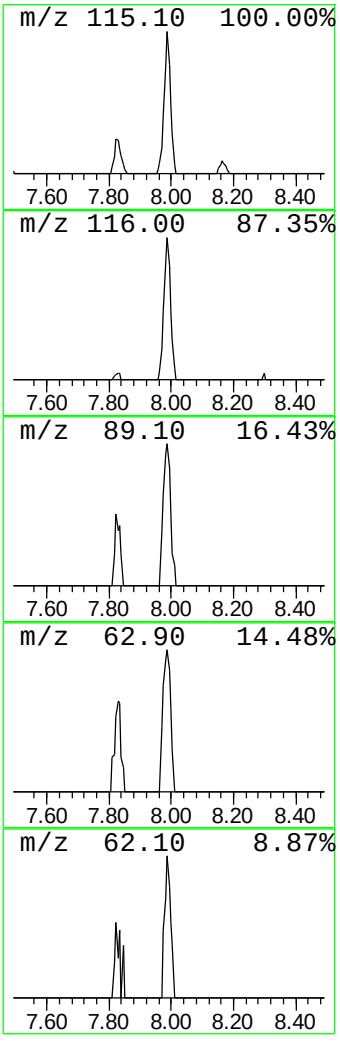
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	2.45 ng/ul	62020	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

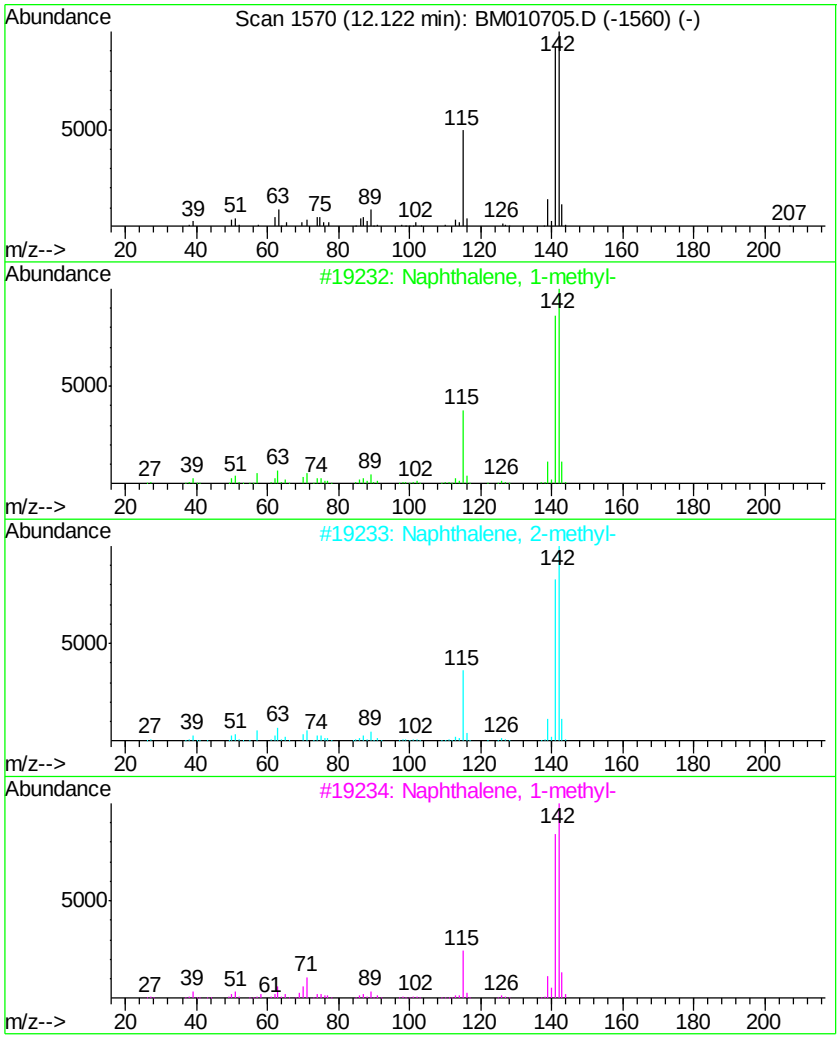
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

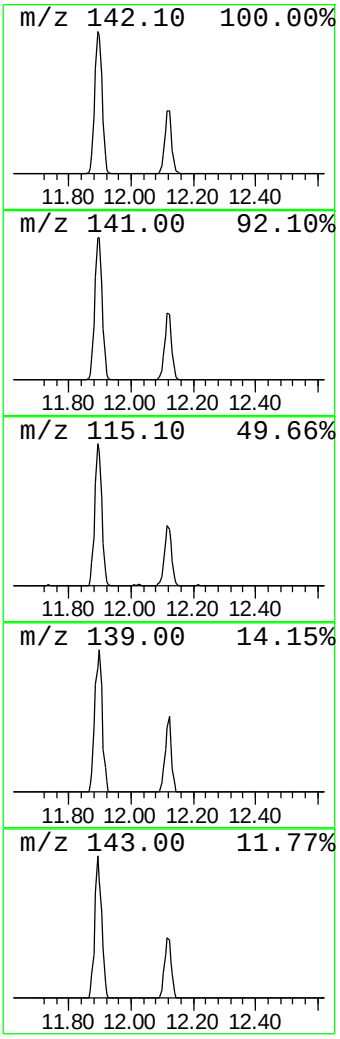
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	6.93 ng/ul	287466	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

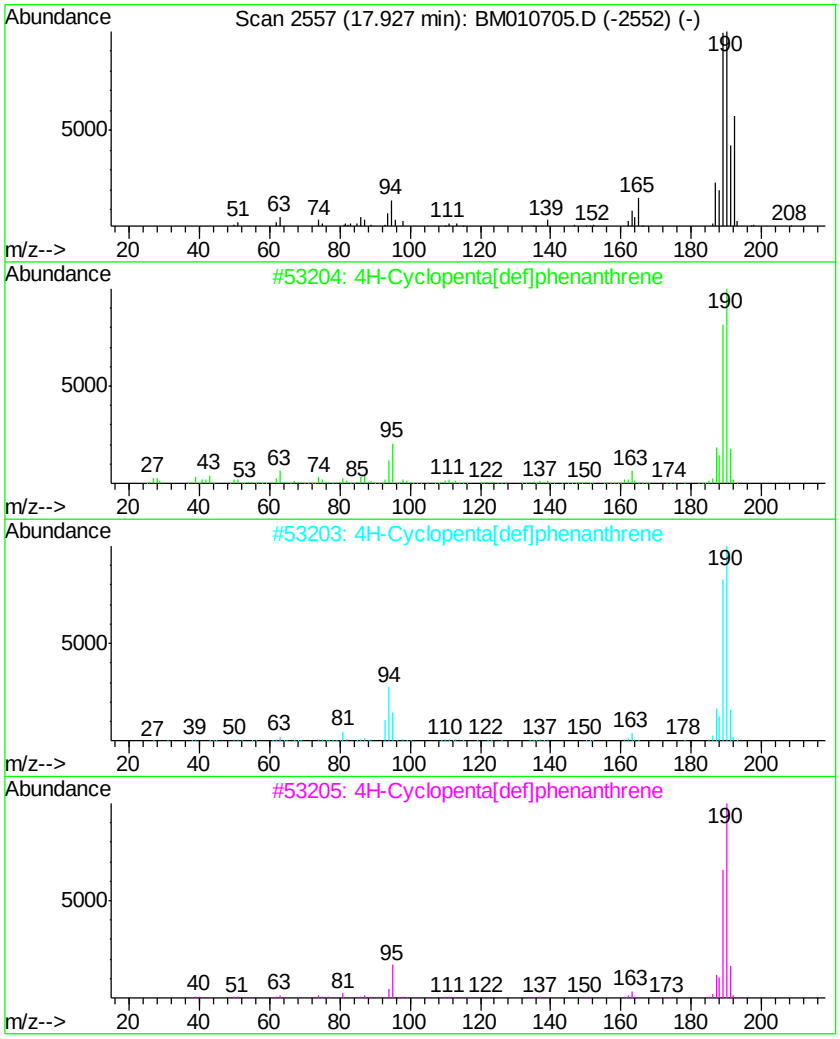
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

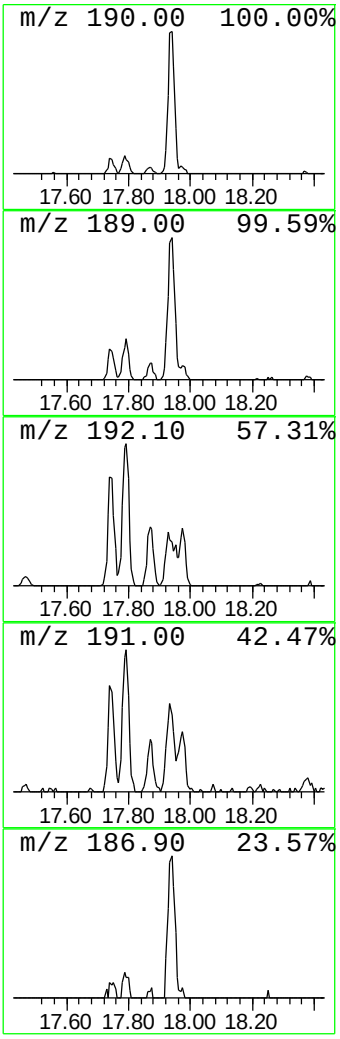
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.50 ng/ul	205093	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-propynyl-	7.99	2.5	ng/ul	62020	1	7.46	506879	20.0
Naphthalene, 1-me...	12.12	6.9	ng/ul	287466	2	10.22	829071	20.0
4H-Cyclopenta[def...	17.93	2.5	ng/ul	205093	4	16.87	1638410	20.0