LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010742.D
Acq On : 24 Jun 2017 22:28
Operator : SJ/JU
Sample : I3653-06MEDL 100X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E19MEDL

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	7.457	771	777	784	rVB2	290815	436780	23.10%	2.699%
2	7.822	834	839	844	rBV2	21575	31404	1.66%	0.194%
3	7.981	860	866	872	rBV	35826	50307	2.66%	0.311%
4	10.222	1238	1247	1250	rBV	415165	668729	35.37%	4.132%
5	10.269	1250	1255	1262	rVB	927483	1472985	77.90%	9.101%
6	10.386	1267	1275	1284	rBB	37145	58652	3.10%	0.362%
7	11.892	1523	1531	1542	rVB	312005	478638	25.31%	2.957%
8	12.116	1561	1569	1577	rVB	150066	225642	11.93%	1.394%
9	12.933	1702	1708	1713	rVB	69790	101632	5.38%	0.628%
10	13.127	1735	1741	1751	rVB2	20233	32367	1.71%	0.200%
11	13.263	1758	1764	1766	rBV4	35623	56815	3.00%	0.351%
12	13.421	1786	1791	1796	rBV	57180	90298	4.78%	0.558%
13	13.480	1796	1801	1805	rVB2	35349	46769	2.47%	0.289%
14	13.663	1827	1832	1835	rBV2	22246	28515	1.51%	0.176%
15	13.827	1856	1860	1864	rVB2	20166	30724	1.62%	0.190%
16	14.110	1901	1908	1914	rBV2	702580	1050737	55.57%	6.492%
17	14.174	1914	1919	1927	rVV	287678	419558	22.19%	2.592%
18	14.510	1970	1976	1984	rVB	250175	348097	18.41%	2.151%
19	15.104	2074	2077	2082	rBV3	14923	21234	1.12%	0.131%
20	15.162	2082	2087	2093	rVV	328787	458579	24.25%	2.834%
21	15.327	2111	2115	2120	rVB2	37975	48680	2.57%	0.301%
22	15.462	2134	2138	2143	rVB	45054	59687	3.16%	0.369%
23	15.610	2158	2163	2172	rVB	49565	96527	5.11%	0.596%
24	16.174	2249	2259	2264	rBV3	31716	60213	3.18%	0.372%
25	16.321	2278	2284	2290	rVB5	12080	20428	1.08%	0.126%
26	16.598	2325	2331	2337	rBV4	15116	25891	1.37%	0.160%
27	16.680	2341	2345	2355	rVB	74443	98301	5.20%	0.607%
28	16.862	2370	2376	2380	rBV	969634	1395238	73.79%	8.621%
29	16.904	2380	2383	2389	rVV	1103713	1461958	77.32%	9.033%
30	16.962	2389	2393	2394	rVV3	17912	20848	1.10%	0.129%
31	16.992	2394	2398	2406	rVB	138536	197414	10.44%	1.220%
32	17.268	2440	2445	2450	rBV	73260	89841	4.75%	0.555%
33	17.739	2520	2525	2529	rBV	67990	90326	4.78%	0.558%
34	17.786	2529	2533	2541	rVB	104946	136161	7.20%	0.841%

LSC Area Percent Report

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Sample : I3653-06MEDL 100X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E19MEDL

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

35	17.868	2541	2547	2552	rBV	38439	55639	2.94%	0.344%
36	17.933	2552	2558	2562	rVV2	131340	205514	10.87%	1.270%
37	17.968	2562	2564	2572	rVB	33189	41062	2.17%	0.254%
38	18.251	2608	2612	2616	rBV2	51225	67081	3.55%	0.414%
39	18.674	2678	2684	2688	rBV4	22458	37760	2.00%	0.233%
40	18.733	2688	2694	2697	rBV4	13792	20232	1.07%	0.125%
41	18.933	2722	2728	2735	rBV	704043	928624	49.11%	5.738%
42	19.180	2766	2770	2773	rBV3	20476	23028	1.22%	0.142%
43	19.298	2781	2790	2795	rBV2	433811	766385	40.53%	4.735%
44	19.333	2795	2796	2800	rVV2	34806	27600	1.46%	0.171%
45	19.374	2800	2803	2811	rVB6	25687	38757	2.05%	0.239%
46	19.486	2816	2822	2826	rBV	27297	36727	1.94%	0.227%
47	19.627	2841	2846	2847	rBV3	22157	29868	1.58%	0.185%
48	19.768	2867	2870	2872	rBV3	14783	21621	1.14%	0.134%
49	19.803	2872	2876	2881	rVB	92740	115758	6.12%	0.715%
50	19.903	2887	2893	2898	rBV	108257	141196	7.47%	0.872%
51	19.962	2898	2903	2908	rVV4	32663	55211	2.92%	0.341%
52	20.103	2922	2927	2930	rBV4	13581	19573	1.04%	0.121%
53	20.145	2930	2934	2939	rBV5	13718	22924	1.21%	0.142%
54	20.345	2963	2968	2969	rBV4	15956	19750	1.04%	0.122%
55	20.521	2994	2998	3003	rBV8	12605	26735	1.41%	0.165%
56	20.721	3028	3032	3036	rBV	33272	40481	2.14%	0.250%
57	20.762	3036	3039	3042	rBV2	26772	27537	1.46%	0.170%
58	21.074	3085	3092	3097	rBV	1334632	1890826	100.00%	11.683%
59	21.115	3097	3099	3105	rVB	111570	121310	6.42%	0.750%
60	21.227	3115	3118	3124	rBV4	27278	36451	1.93%	0.225%
61	21.392	3141	3146	3150	rBV5	21920	42336	2.24%	0.262%
62	22.591	3345	3350	3361	rVB5	48972	155583	8.23%	0.961%
63	23.215	3450	3456	3468	rVB	717199	1258551	66.56%	7.776%

Sum of corrected areas: 16184095

LSC Report - Integrated Chromatogram

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Misc :
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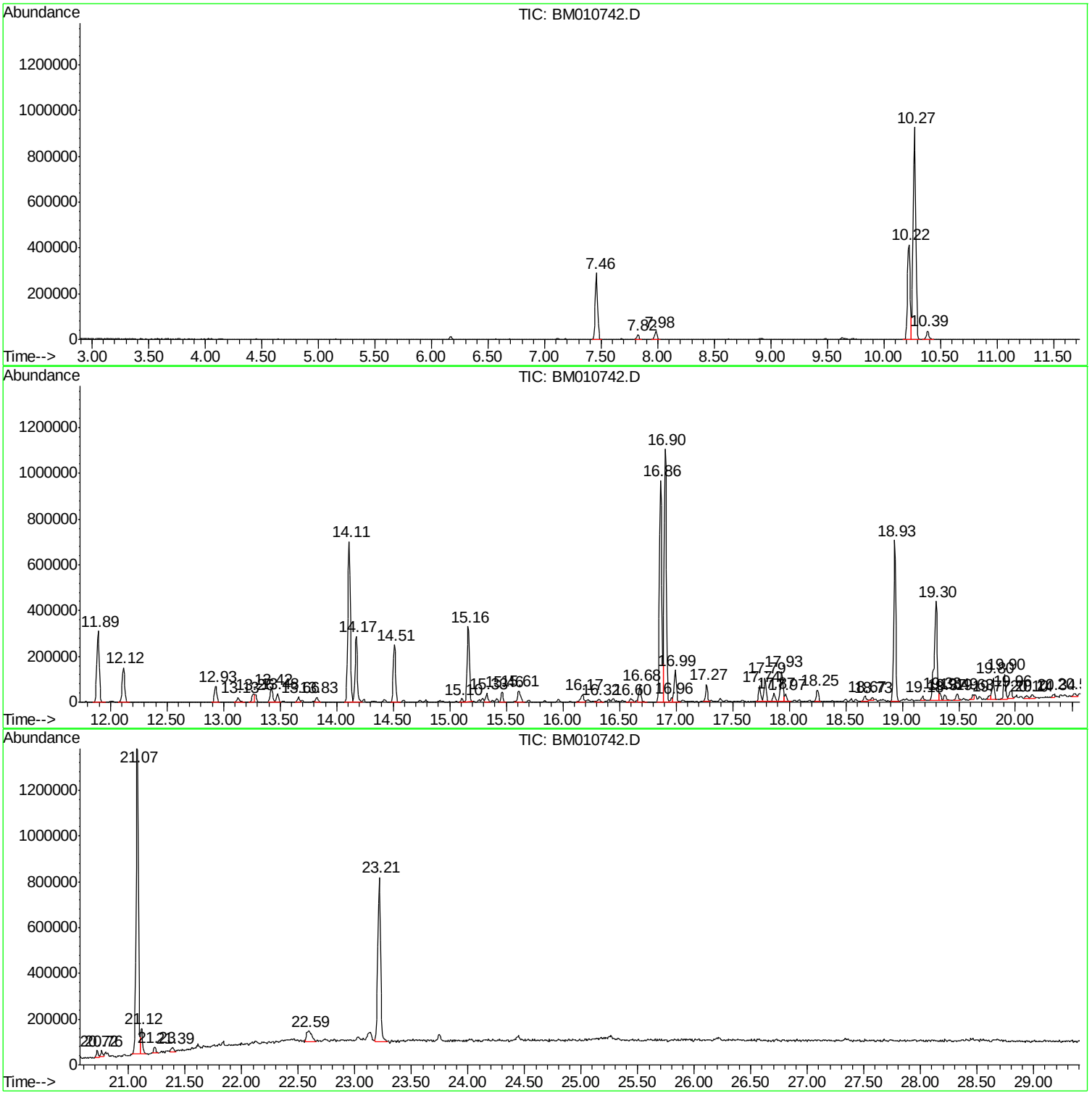
Instrument : BNA_M
ClientSampleId : F5E19MEDL

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



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Quant Title : SVOA CALIBRATION

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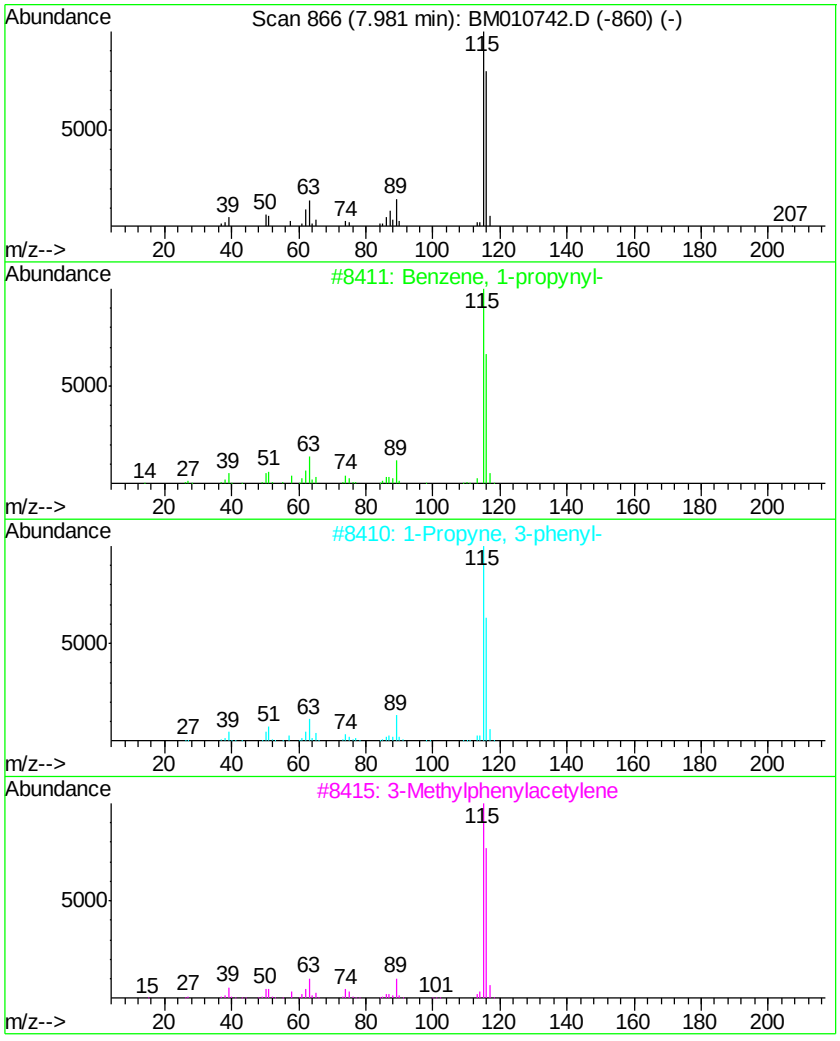
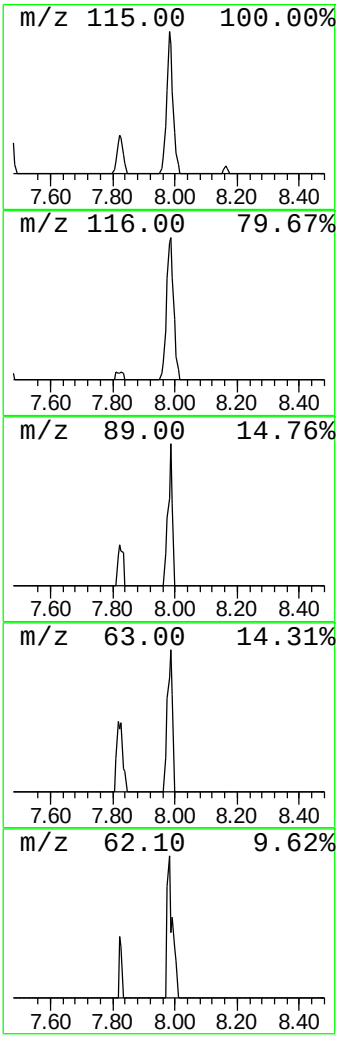
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	2.30 ng/ul	50307	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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

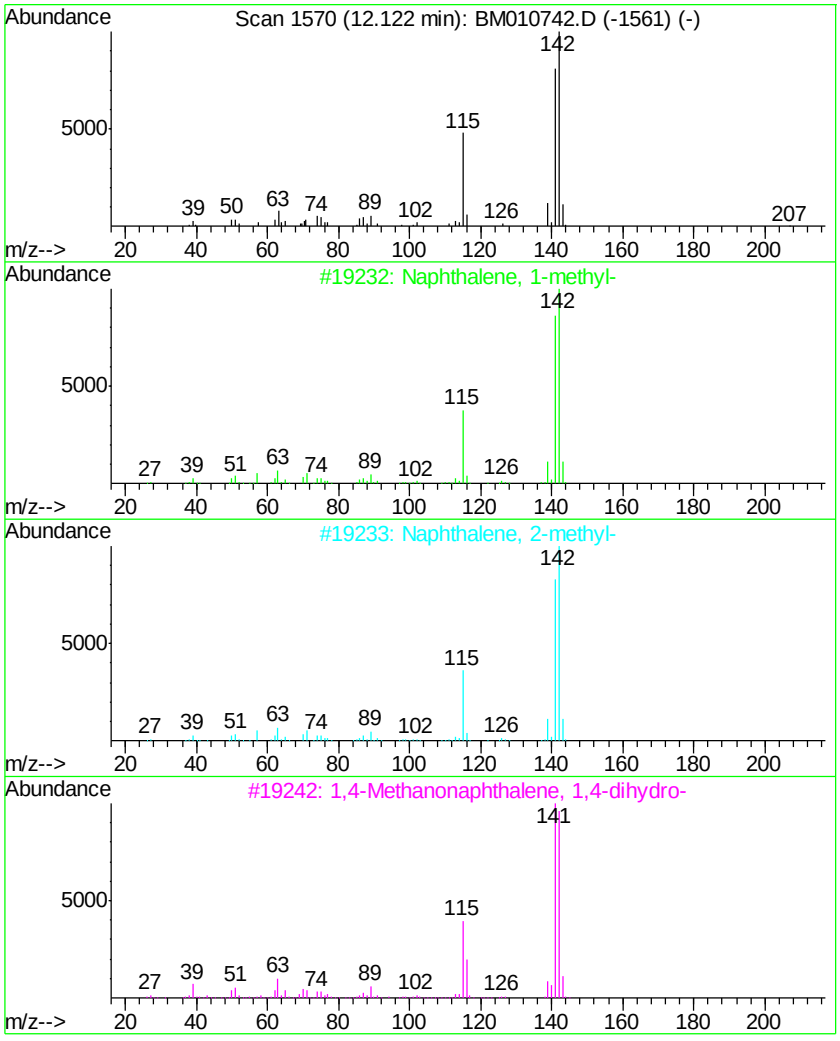
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

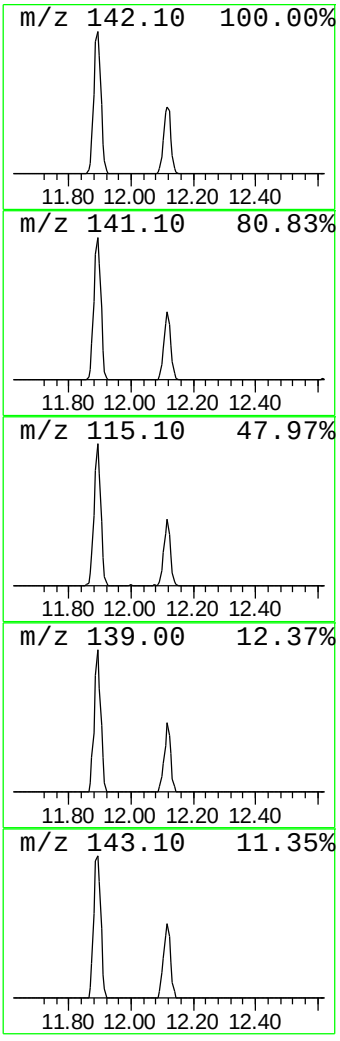
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	6.75 ng/ul	225642	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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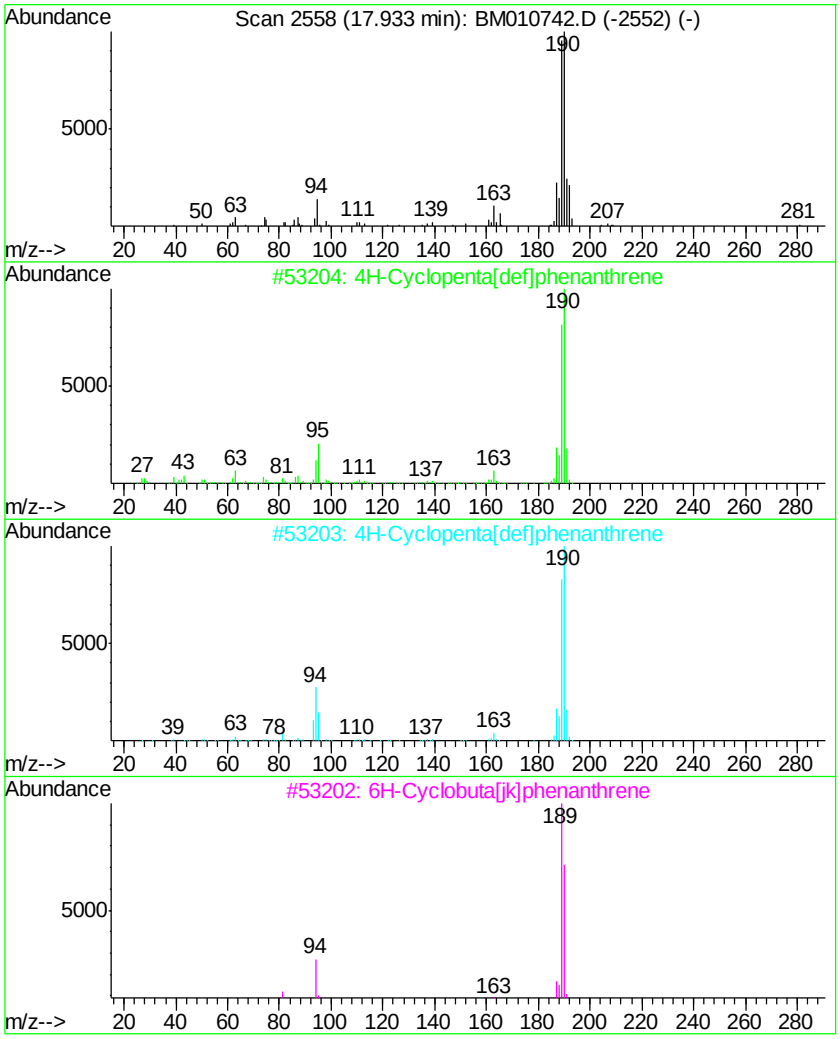
Quant Title : SVOA CALIBRATION

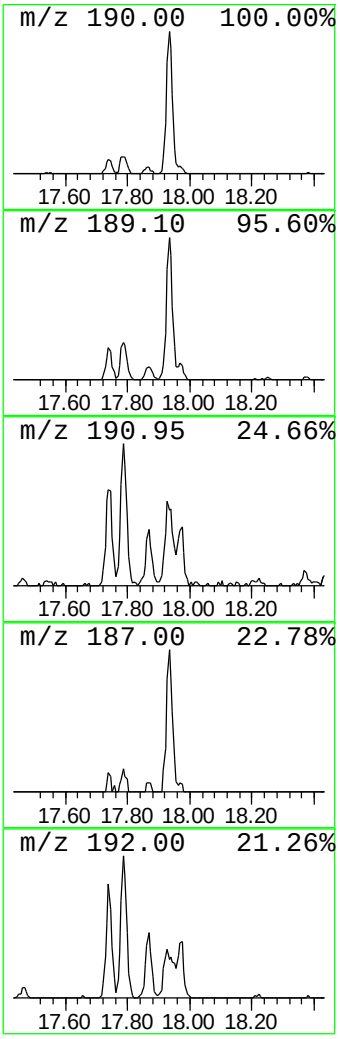
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.95 ng/ul	205514	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
5	Phenantro[9,10-b]furazano[3,4-c]...	272	C16H8N4O	024294-86-8	17





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-propynyl-	7.98	2.3	ng/ul	50307	1	7.46	436780	20.0
Naphthalene, 1-me...	12.12	6.8	ng/ul	225642	2	10.22	668729	20.0
4H-Cyclopenta[def...	17.93	3.0	ng/ul	205514	4	16.86	1395240	20.0