LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010743.D
Acq On : 24 Jun 2017 23:04
Operator : SJ/JU
Sample : I3653-02MEDL 25X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19MEDL

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	787	rVB	231365	345996	24.79%	3.310%
2	7.986	861	867	873	rBB2	11151	17469	1.25%	0.167%
3	10.222	1238	1247	1250	rBV	320712	520696	37.30%	4.981%
4	10.269	1250	1255	1263	rVV	471292	770757	55.22%	7.373%
5	10.386	1265	1275	1281	rBV3	15810	34744	2.49%	0.332%
6	11.892	1524	1531	1537	rVB	157092	231001	16.55%	2.210%
7	12.116	1560	1569	1575	rVB2	72240	106018	7.60%	1.014%
8	12.933	1703	1708	1713	rVB	39565	52607	3.77%	0.503%
9	13.268	1758	1765	1772	rVB5	17972	44579	3.19%	0.426%
10	13.421	1784	1791	1797	rBV2	31394	49597	3.55%	0.474%
11	13.480	1797	1801	1805	rVV	18442	23688	1.70%	0.227%
12	13.527	1805	1809	1814	rVB2	24996	31195	2.23%	0.298%
13	13.657	1828	1831	1843	rVB2	8713	15722	1.13%	0.150%
14	13.798	1850	1855	1857	rBV2	18148	26932	1.93%	0.258%
15	13.827	1857	1860	1866	rVB2	12514	18019	1.29%	0.172%
16	14.110	1899	1908	1914	rBV2	533855	799509	57.28%	7.648%
17	14.168	1914	1918	1927	rVB	156915	229864	16.47%	2.199%
18	14.510	1971	1976	1983	rBV	148177	205454	14.72%	1.965%
19	15.110	2073	2078	2082	rBV	36902	50265	3.60%	0.481%
20	15.162	2082	2087	2093	rVV	208226	274485	19.66%	2.626%
21	15.327	2112	2115	2120	rVB3	20117	23634	1.69%	0.226%
22	15.462	2133	2138	2142	rVB	28629	33730	2.42%	0.323%
23	15.609	2158	2163	2171	rVB2	26364	49847	3.57%	0.477%
24	16.174	2255	2259	2264	rVB3	15488	23861	1.71%	0.228%
25	16.680	2341	2345	2350	rVB	39584	49388	3.54%	0.472%
26	16.862	2370	2376	2380	rBV	772889	1082117	77.52%	10.352%
27	16.904	2380	2383	2389	rVV	667115	860993	61.68%	8.236%
28	16.962	2389	2393	2395	rVV3	37135	54023	3.87%	0.517%
29	16.998	2395	2399	2405	rVV2	100873	139747	10.01%	1.337%
30	17.056	2405	2409	2416	rVB	15802	23170	1.66%	0.222%
31	17.268	2440	2445	2449	rBV	75567	94568	6.78%	0.905%
32	17.739	2520	2525	2529	rBV	40846	50381	3.61%	0.482%
33	17.786	2529	2533	2537	rVB2	59651	72525	5.20%	0.694%
34	17.868	2543	2547	2552	rBV2	17008	22675	1.62%	0.217%

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Misc :
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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	17.933	2552	2558	2562	rVV2	74747	115383	8.27%	1.104%
36	17.968	2562	2564	2568	rVB3	23038	24042	1.72%	0.230%
37	18.250	2605	2612	2616	rBV	30093	38143	2.73%	0.365%
38	18.662	2679	2682	2688	rBV2	10941	17601	1.26%	0.168%
39	18.933	2722	2728	2734	rBV	412006	530061	37.97%	5.071%
40	19.274	2780	2786	2787	rBV2	112085	153842	11.02%	1.472%
41	19.297	2787	2790	2794	rVV	247497	328923	23.56%	3.146%
42	19.333	2794	2796	2799	rVV	18196	17416	1.25%	0.167%
43	19.380	2799	2804	2807	rVV4	11351	16074	1.15%	0.154%
44	19.486	2817	2822	2826	rBV2	15485	20474	1.47%	0.196%
45	19.633	2841	2847	2849	rBV4	14111	27624	1.98%	0.264%
46	19.768	2863	2870	2872	rVV5	9292	19189	1.37%	0.184%
47	19.803	2872	2876	2880	rVB	51657	63812	4.57%	0.610%
48	19.903	2890	2893	2897	rBV2	56828	69643	4.99%	0.666%
49	19.956	2897	2902	2907	rVV5	17944	28635	2.05%	0.274%
50	20.144	2931	2934	2938	rBV6	9314	16805	1.20%	0.161%
51	20.721	3028	3032	3036	rBV3	16235	20785	1.49%	0.199%
52	20.756	3036	3038	3042	rBV4	13816	16421	1.18%	0.157%
53	21.074	3086	3092	3097	rBV	1015543	1395831	100.00%	13.352%
54	21.109	3097	3098	3104	rVB	65106	62135	4.45%	0.594%
55	21.233	3115	3119	3120	rBV4	14252	16167	1.16%	0.155%
56	23.080	3429	3433	3437	rBV3	28726	43739	3.13%	0.418%
57	23.215	3450	3456	3466	rVB	564323	981717	70.33%	9.391%

Sum of corrected areas: 10453718

LSC Report - Integrated Chromatogram

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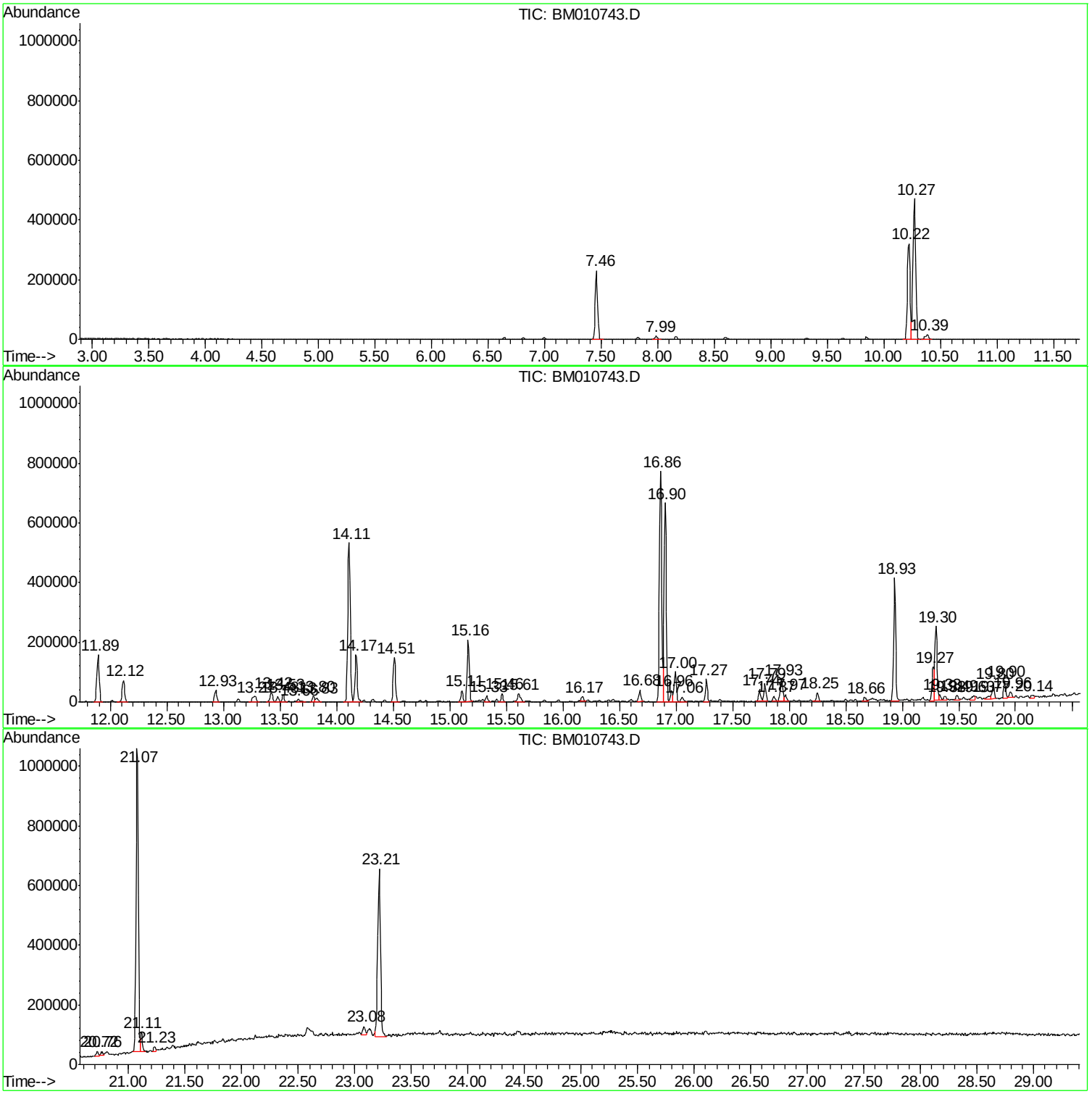
Instrument :
BNA_M
ClientSampleId :
F5B19MEDL

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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ClientSampleId : F5B19MEDL

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Quant Title : SVOA CALIBRATION

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

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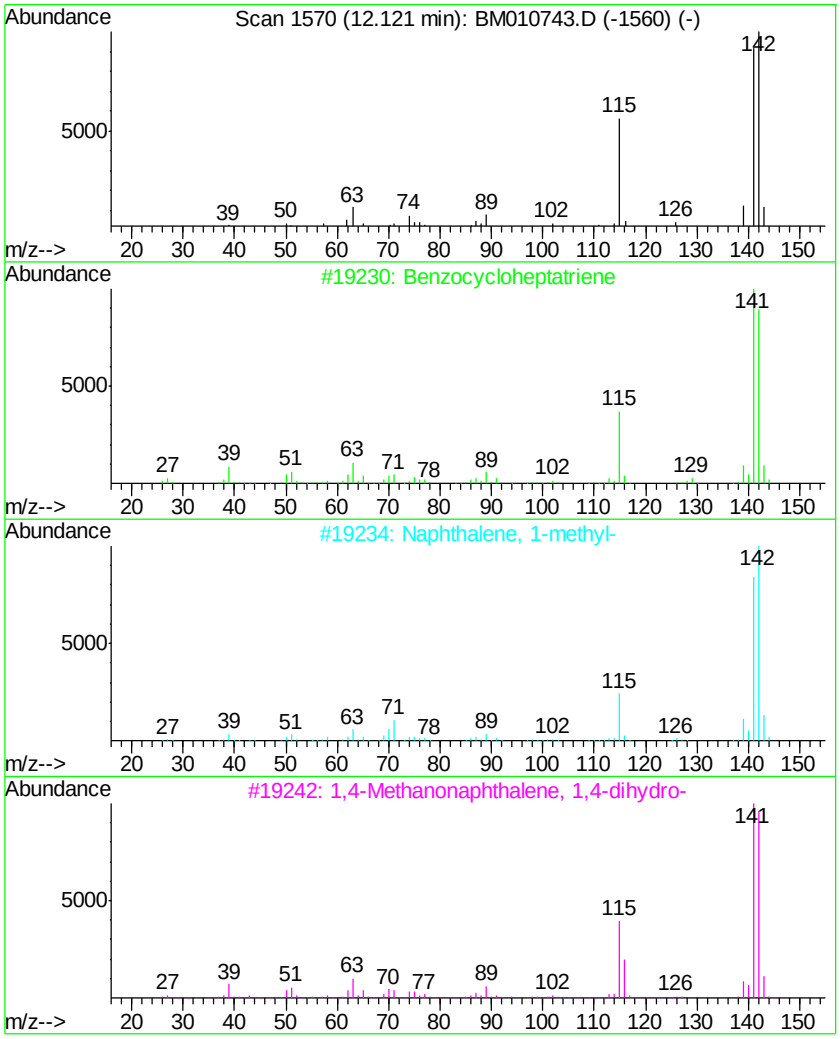
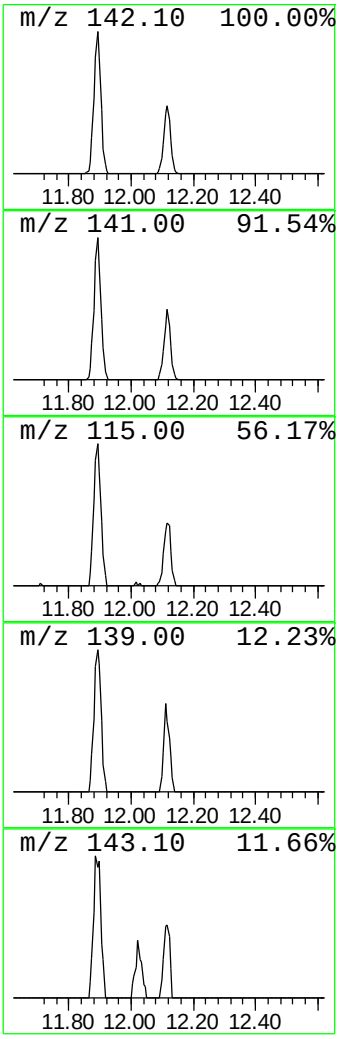
Peak Number 1 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	4.07 ng/ul	106018	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Instrument : BNA_M
ClientSampleId : F5B19MEDL

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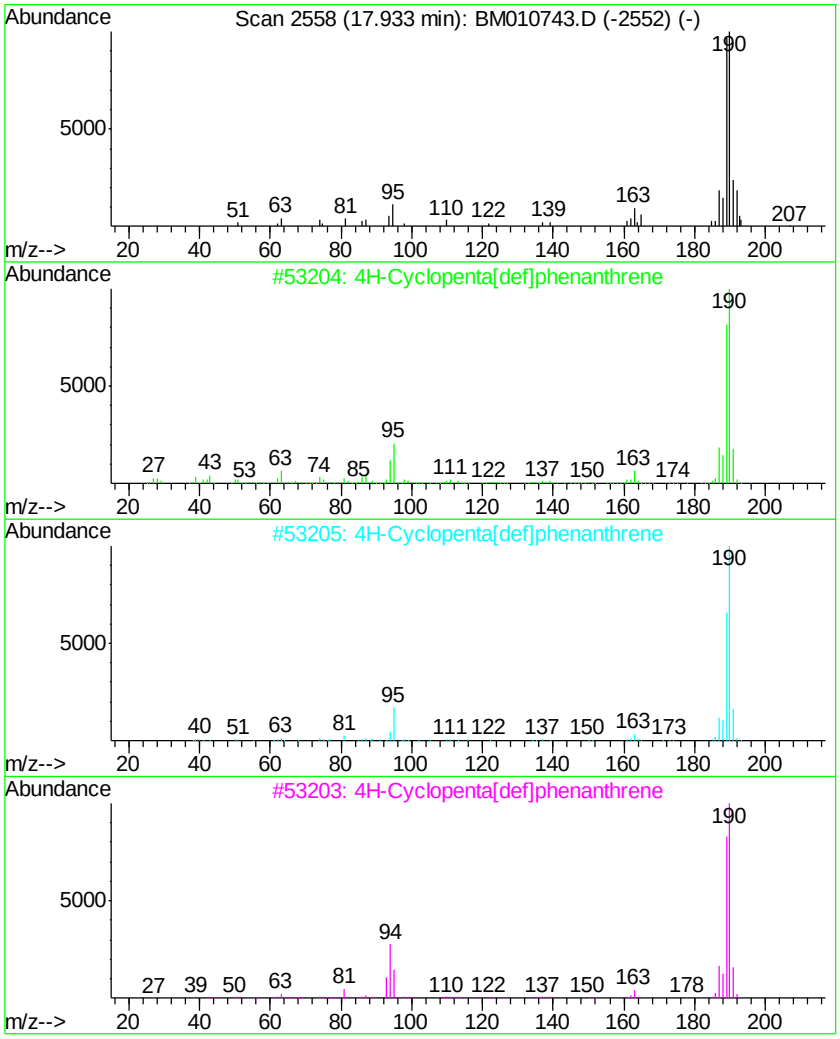
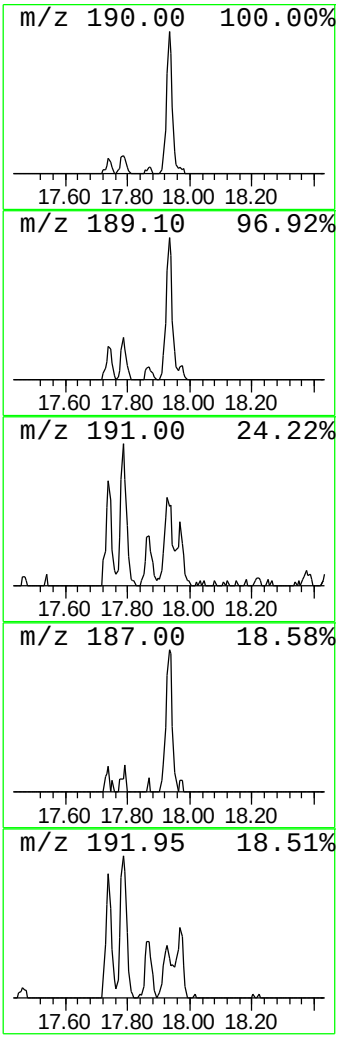
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.13 ng/ul	115383	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	80
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzocycloheptatr...	12.12	4.1	ng/ul	106018	2	10.22	520696	20.0
4H-Cyclopenta[def...	17.93	2.1	ng/ul	115383	4	16.86	1082120	20.0