LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
Data File : BM006540.D
Acq On : 20 Jul 2016 02:26
Operator : UM/SJ
Sample : H4029-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJB3

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\SOM02.2-EPA-BM071416.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	2.840	38	43	50	rVB2	22271	44902	1.06%	0.084%
2	6.751	703	708	710	rBV	35950	49537	1.17%	0.093%
3	6.792	710	715	731	rVB	513466	869929	20.52%	1.630%
4	6.951	734	742	755	rBV	392298	635211	14.98%	1.190%
5	7.145	769	775	787	rBV	519035	857973	20.23%	1.608%
6	7.610	845	854	871	rVB	729960	1230886	29.03%	2.307%
7	8.145	939	945	957	rVB3	22183	47520	1.12%	0.089%
8	8.322	969	975	990	rVB	603464	1024386	24.16%	1.920%
9	8.769	1044	1051	1068	rVB	464953	853456	20.13%	1.599%
10	9.180	1116	1121	1126	rVB	35611	52582	1.24%	0.099%
11	9.480	1166	1172	1184	rBV	395005	693190	16.35%	1.299%
12	10.016	1257	1263	1275	rBV	577074	998309	23.54%	1.871%
13	10.392	1320	1327	1343	rVB	999275	1792884	42.28%	3.360%
14	10.533	1343	1351	1369	rBV	572058	1082784	25.54%	2.029%
15	13.674	1880	1885	1890	rBV	1028037	1512696	35.68%	2.835%
16	13.721	1890	1893	1902	rVB	417288	632199	14.91%	1.185%
17	13.951	1922	1932	1948	rBV	1138391	1948913	45.96%	3.652%
18	14.092	1951	1956	1964	rVB8	23067	45808	1.08%	0.086%
19	14.262	1975	1985	1993	rBV2	1357896	2256565	53.22%	4.229%
20	14.480	2016	2022	2034	rBV	396796	731436	17.25%	1.371%
21	15.262	2149	2155	2161	rBV	1511073	2258053	53.25%	4.231%
22	15.315	2161	2164	2170	rVB2	30421	43482	1.03%	0.081%
23	15.392	2172	2177	2188	rBV	381219	616392	14.54%	1.155%
24	15.533	2198	2201	2205	rVB3	32547	44389	1.05%	0.083%
25	16.009	2275	2282	2294	rVB	84496	206224	4.86%	0.386%
26	16.780	2410	2413	2417	rBV4	26393	43031	1.01%	0.081%
27	16.833	2418	2422	2430	rVB	62749	106198	2.50%	0.199%
28	17.015	2447	2453	2457	rBV	1769303	2642746	62.33%	4.952%
29	17.056	2457	2460	2464	rVB	170162	224953	5.31%	0.422%
30	17.115	2464	2470	2474	rBV	1584375	2439752	57.54%	4.572%
31	17.886	2598	2601	2605	rBV2	37306	54250	1.28%	0.102%
32	17.939	2607	2610	2614	rVB	39174	49919	1.18%	0.094%
33	18.080	2630	2634	2639	rBV2	62568	108417	2.56%	0.203%
34	18.392	2684	2687	2693	rVB	45051	62299	1.47%	0.117%

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Instrument : BNA_M
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Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Title : SVOA CALIBRATION

35	18.815	2755	2759	2763	rBV2	38492	54478	1.28%	0.102%
36	19.080	2799	2804	2808	rVB	411091	558645	13.18%	1.047%
37	19.139	2811	2814	2819	rVB3	47989	68611	1.62%	0.129%
38	19.233	2826	2830	2833	rBV	59427	75194	1.77%	0.141%
39	19.415	2855	2861	2865	rBV2	2016146	3093750	72.96%	5.797%
40	19.774	2918	2922	2928	rVB3	42428	84141	1.98%	0.158%
41	19.862	2934	2937	2941	rBV	37700	42513	1.00%	0.080%
42	19.944	2947	2951	2959	rVB	149658	233862	5.52%	0.438%
43	20.044	2964	2968	2972	rVV	151926	203292	4.79%	0.381%
44	20.103	2974	2978	2982	rVB3	55726	81452	1.92%	0.153%
45	20.462	3036	3039	3043	rVB	118752	135284	3.19%	0.254%
46	20.862	3104	3107	3109	rBV	47094	56537	1.33%	0.106%
47	20.897	3110	3113	3116	rBV	77158	97360	2.30%	0.182%
48	21.133	3148	3153	3159	rBV	3663338	4240139	100.00%	7.946%
49	21.215	3160	3167	3171	rVV	2462866	3849518	90.79%	7.214%
50	21.250	3171	3173	3182	rVB	389900	459371	10.83%	0.861%
51	22.750	3423	3428	3433	rBV2	244552	571105	13.47%	1.070%
52	23.221	3503	3508	3510	rBV	167005	269454	6.35%	0.505%
53	23.268	3510	3516	3522	rVV2	1398896	2623717	61.88%	4.917%
54	23.409	3533	3540	3547	rBV2	1670217	3124259	73.68%	5.854%
55	23.909	3621	3625	3635	rVB	113837	213106	5.03%	0.399%
56	24.032	3642	3646	3656	rVB2	184858	348230	8.21%	0.653%
57	24.627	3743	3747	3755	rVB2	103105	222762	5.25%	0.417%
58	24.803	3769	3777	3793	rVB	1308715	3094310	72.98%	5.798%
59	25.597	3906	3912	3922	rVB2	142602	405440	9.56%	0.760%
60	27.126	4161	4172	4184	rVB2	873234	2897473	68.33%	5.430%

Sum of corrected areas: 53365274

LSC Report - Integrated Chromatogram

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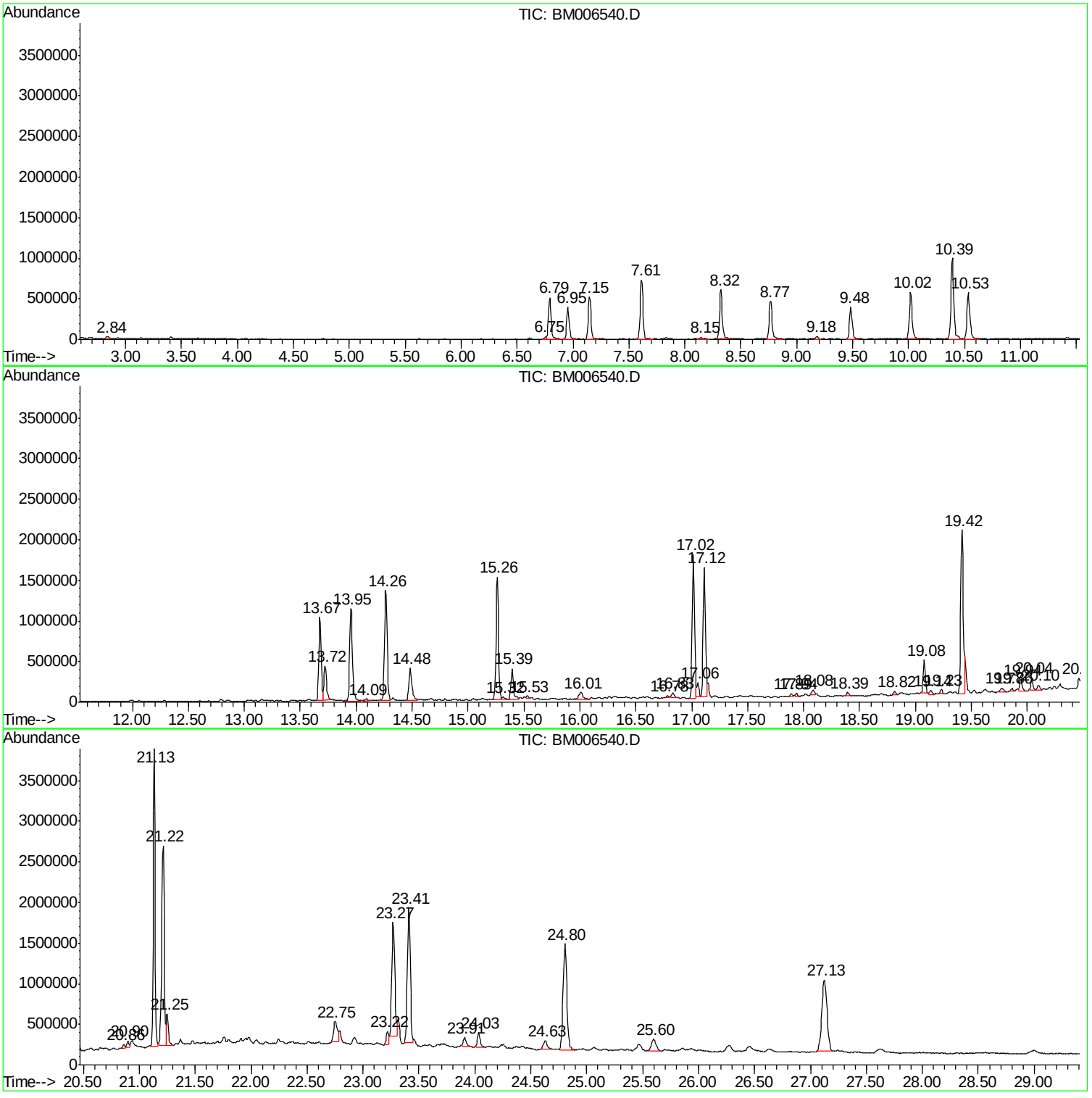
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
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Operator : UM/SJ
Sample : H4029-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

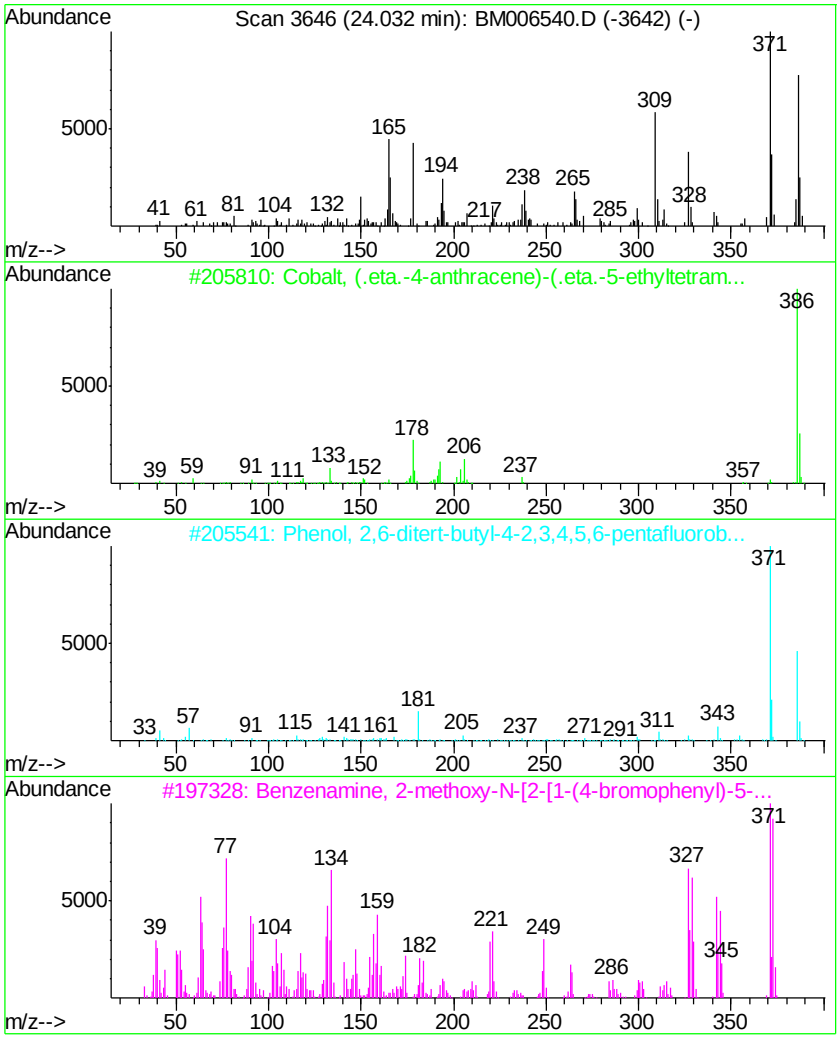
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

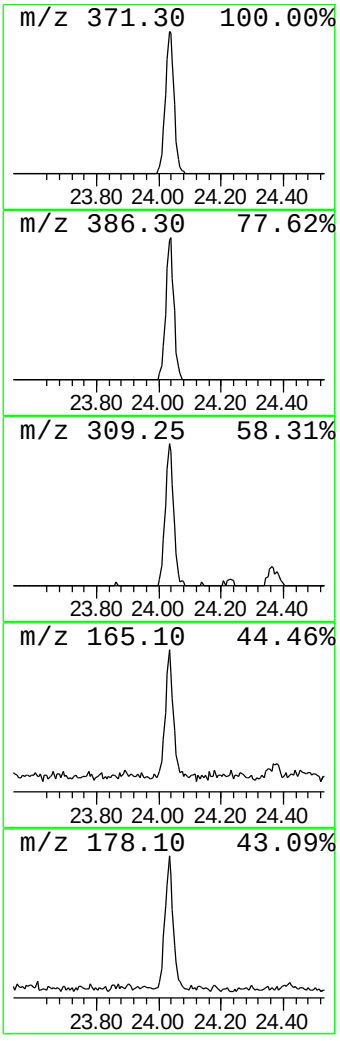
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.23 ng/ul	348230	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cobalt, (.eta.-4-anthracene)-(.e...	386	C25H27Co	1000161-36-6	25
2	Phenol, 2,6-ditert-butyl-4-2,3,4...	386	C21H23F5O	350038-74-3	25
3	Benzenamine, 2-methoxy-N-[2-[1-(...	371	C16H14BrN5O	274690-86-7	15
4	3-Hydroxy-4,4'-dinitroheptafluor...	386	C12HF7N2O5	118524-78-0	15
5	1,3,7,1',3',7'-Hexamethyl-3,7,3'...	386	C16H18N8O4	126126-51-0	14





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Instrument : BNA_M
ClientSampleId : BDJB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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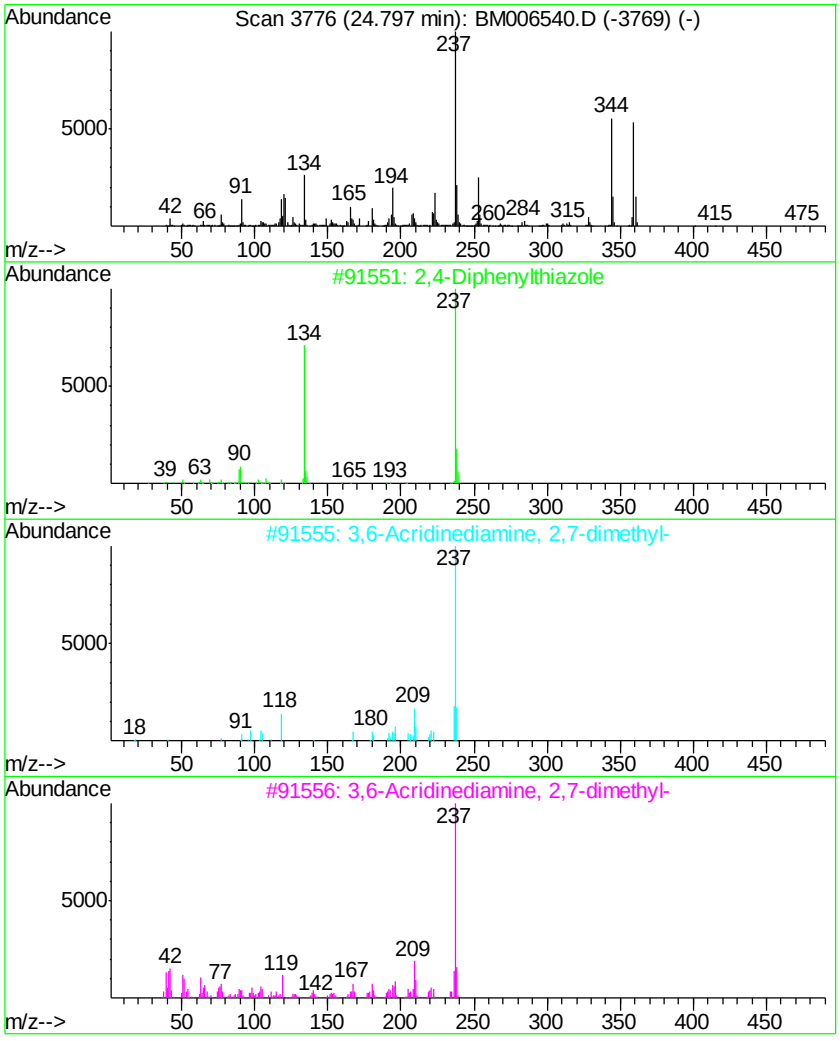
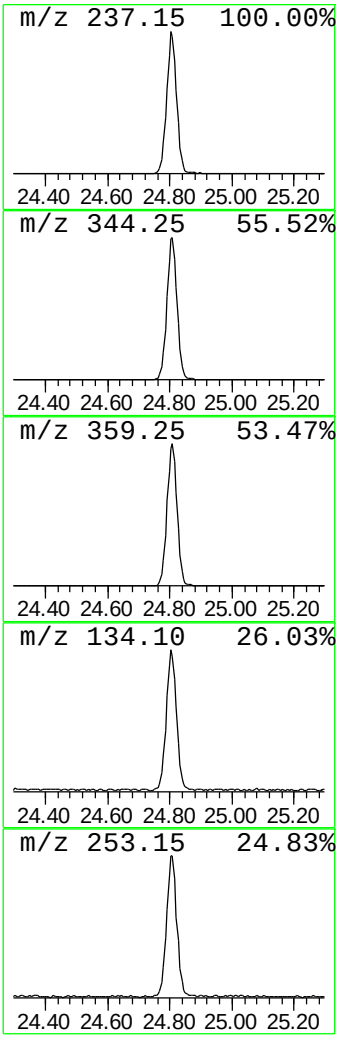
Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	19.81 ng/ul	3094310	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diphenylthiazole	237	C15H11NS	001826-14-8	38
2	3,6-Acridinediamine, 2,7-dimethyl-	237	C15H15N3	000092-26-2	38
3	3,6-Acridinediamine, 2,7-dimethyl-	237	C15H15N3	000092-26-2	27
4	2-(3-Methylphenyl)isoindole-1,3-...	237	C15H11NO2	1000308-99-7	27
5	2-(p-(Dimethylamino)phenyl)benzi...	237	C15H15N3	002562-71-2	22





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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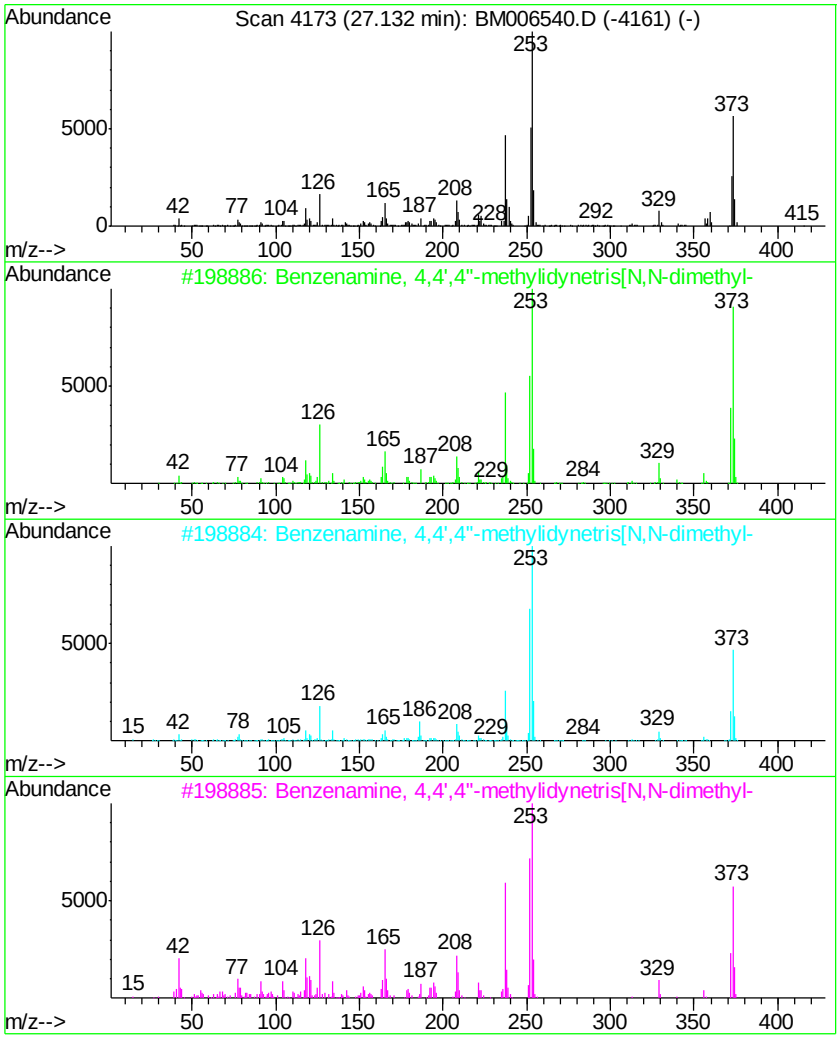
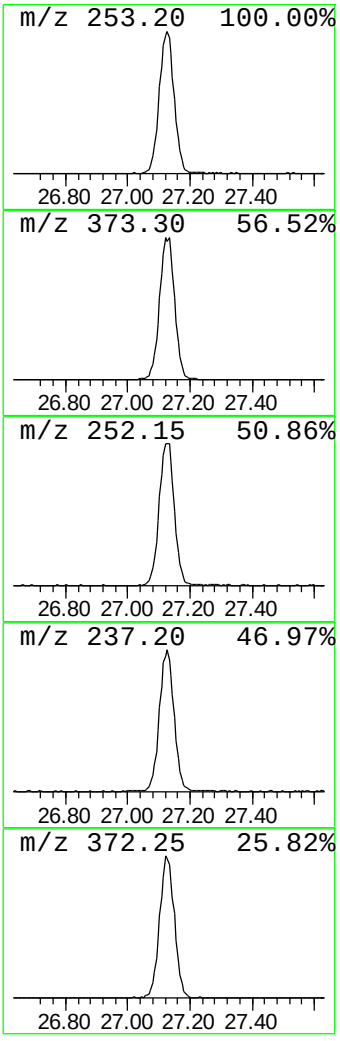
Peak Number 3 Benzenamine, 4,4',4''-methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.13	18.55 ng/ul	2897470	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4',4''-methylidyn...	373	C25H31N3	000603-48-5	99
2	Benzenamine, 4,4',4''-methylidyn...	373	C25H31N3	000603-48-5	90
3	Benzenamine, 4,4',4''-methylidyn...	373	C25H31N3	000603-48-5	74
4	1,3-Diphenyl-4H-1,2,4-triazoline...	253	C14H11N3S	005055-73-2	43
5	2-(2-Furyl)-7-methyl-4-quinoline...	253	C15H11NO3	1000225-08-8	32





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	24.03	2.2	ng/ul	348230	6	23.41	3124260	20.0
unknown-02	24.80	19.8	ng/ul	3094310	6	23.41	3124260	20.0
Benzenamine, 4,4'...	27.13	18.6	ng/ul	2897470	6	23.41	3124260	20.0