LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005061.D
Acq On : 26 Apr 2016 00:42
Operator : UM/SJ
Sample : H2584-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7P7

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-BM042516.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	6.963	722	727	738	rBB	72245	115295	7.78%	0.733%
2	7.134	750	756	766	rBV	150166	230018	15.52%	1.463%
3	7.334	784	790	801	rBB	176054	274301	18.50%	1.745%
4	7.798	862	869	876	rBV	164001	263485	17.77%	1.676%
5	8.498	983	988	1000	rVB	185883	300416	20.27%	1.911%
6	8.957	1059	1066	1075	rBV	191238	309666	20.89%	1.970%
7	9.151	1093	1099	1104	rVB	23989	35171	2.37%	0.224%
8	9.275	1113	1120	1125	rBV2	8176	16278	1.10%	0.104%
9	9.334	1125	1130	1138	rVB2	20717	34438	2.32%	0.219%
10	9.675	1182	1188	1196	rBB	165971	266714	17.99%	1.696%
11	10.210	1273	1279	1291	rBV	254950	428032	28.87%	2.722%
12	10.586	1337	1343	1351	rBV	263890	441266	29.77%	2.807%
13	10.757	1365	1372	1381	rBV	221959	377099	25.44%	2.398%
14	11.698	1527	1532	1542	rBB	30075	49461	3.34%	0.315%
15	12.145	1602	1608	1618	rBB2	12331	23662	1.60%	0.150%
16	13.845	1891	1897	1908	rBV	520339	732591	49.42%	4.660%
17	14.127	1939	1945	1956	rBV	553058	849025	57.27%	5.400%
18	14.439	1992	1998	2006	rVB2	428069	651858	43.97%	4.146%
19	14.639	2028	2032	2046	rBV	71817	125671	8.48%	0.799%
20	15.286	2137	2142	2148	rVB2	9463	15956	1.08%	0.101%
21	15.357	2150	2154	2158	rBV	24887	35539	2.40%	0.226%
22	15.433	2158	2167	2175	rVB	749041	1120748	75.60%	7.128%
23	15.551	2182	2187	2198	rBV2	308368	436123	29.42%	2.774%
24	16.163	2281	2291	2299	rBV7	14570	32564	2.20%	0.207%
25	16.357	2319	2324	2328	rBV	58158	82040	5.53%	0.522%
26	16.398	2328	2331	2339	rVV5	12337	22293	1.50%	0.142%
27	16.463	2339	2342	2346	rVB	14651	18075	1.22%	0.115%
28	16.727	2378	2387	2393	rBV	85427	149085	10.06%	0.948%
29	17.045	2435	2441	2442	rBV	47237	70882	4.78%	0.451%
30	17.086	2442	2448	2459	rVV	224512	429332	28.96%	2.731%
31	17.186	2459	2465	2471	rVV	564141	826917	55.78%	5.259%
32	17.286	2476	2482	2493	rVV2	864483	1407466	94.95%	8.952%
33	17.392	2493	2500	2504	rVV3	20302	56032	3.78%	0.356%
34	17.433	2504	2507	2518	rVV2	17806	38030	2.57%	0.242%

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Instrument : BNA_M
ClientSampleId : BC7P7

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Integrator: RTE
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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-BM042516.M
Title : SVOA CALIBRATION

35	17.527	2519	2523	2528	rVV2	17939	33475	2.26%	0.213%
36	17.604	2531	2536	2545	rVV5	12240	29885	2.02%	0.190%
37	18.074	2612	2616	2624	rBV6	25402	39877	2.69%	0.254%
38	18.627	2702	2710	2715	rBV4	15050	33195	2.24%	0.211%
39	19.209	2805	2809	2816	rBV2	15297	24215	1.63%	0.154%
40	19.356	2830	2834	2842	rVB3	25467	36808	2.48%	0.234%
41	19.492	2854	2857	2862	rVB3	14791	21719	1.47%	0.138%
42	19.580	2866	2872	2879	rBV	1044326	1482388	100.00%	9.428%
43	21.374	3171	3177	3183	rBV	827786	1094590	73.84%	6.962%
44	22.427	3352	3356	3361	rBV2	16503	22292	1.50%	0.142%
45	22.939	3439	3443	3448	rVB	24317	33829	2.28%	0.215%
46	23.509	3532	3540	3550	rBV2	729608	1400494	94.48%	8.908%
47	23.656	3557	3565	3577	rBV2	474189	963832	65.02%	6.130%
48	24.174	3648	3653	3662	rVB	38434	74610	5.03%	0.475%
49	24.933	3776	3782	3790	rVB	32436	69599	4.70%	0.443%
50	25.821	3928	3933	3942	rVB2	21199	53898	3.64%	0.343%
51	26.868	4105	4111	4119	rVB4	15012	42207	2.85%	0.268%

Sum of corrected areas: 15722442

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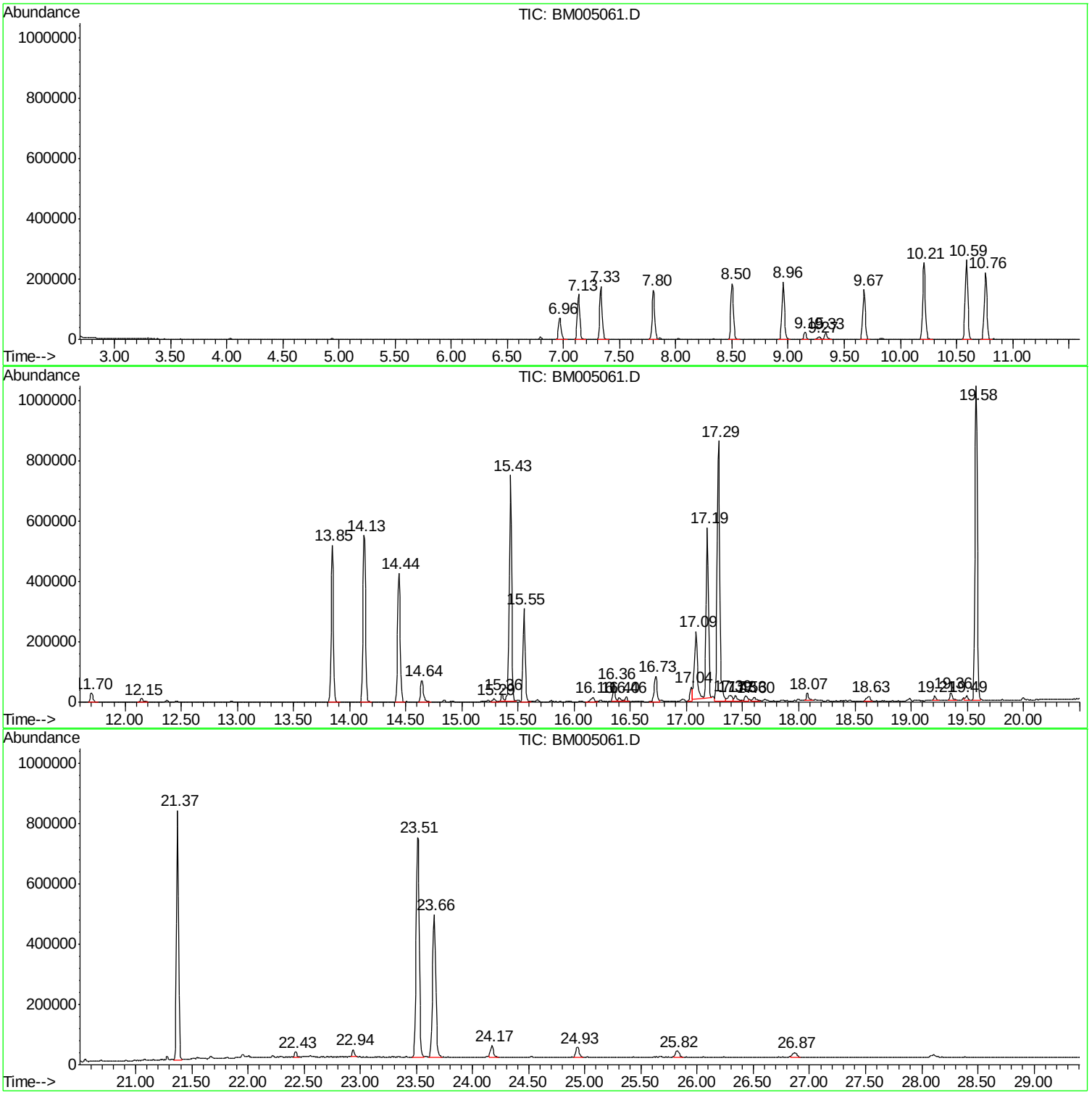
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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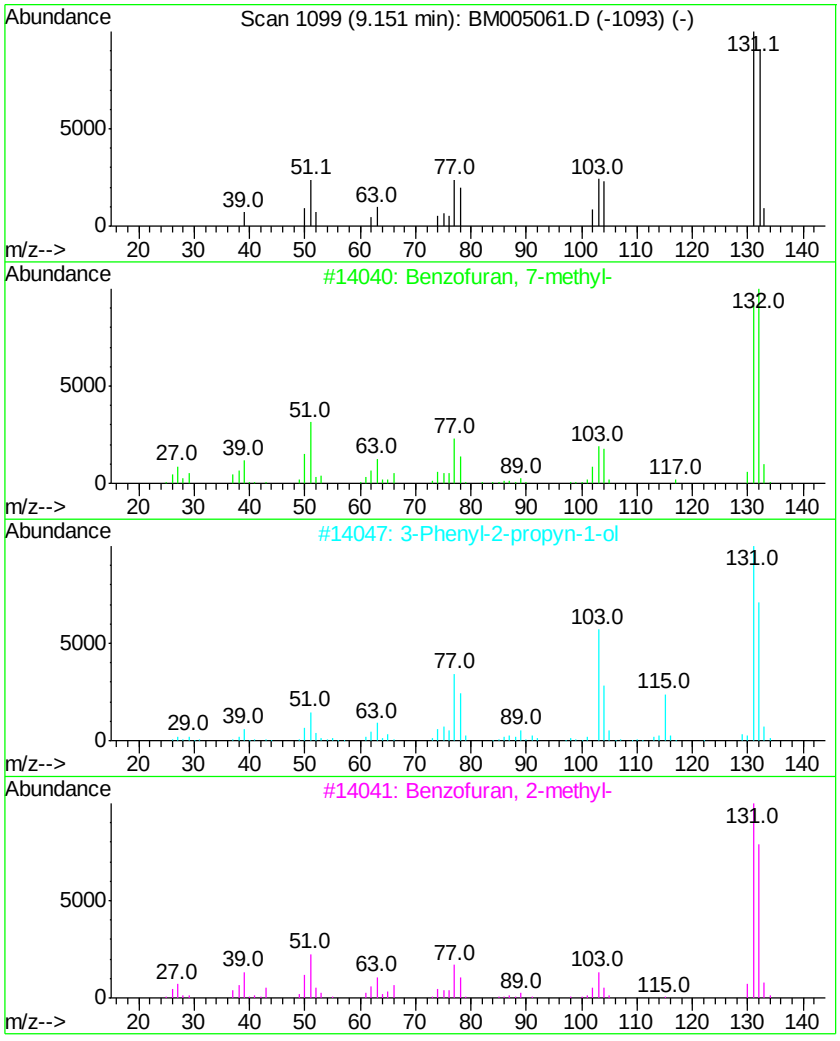
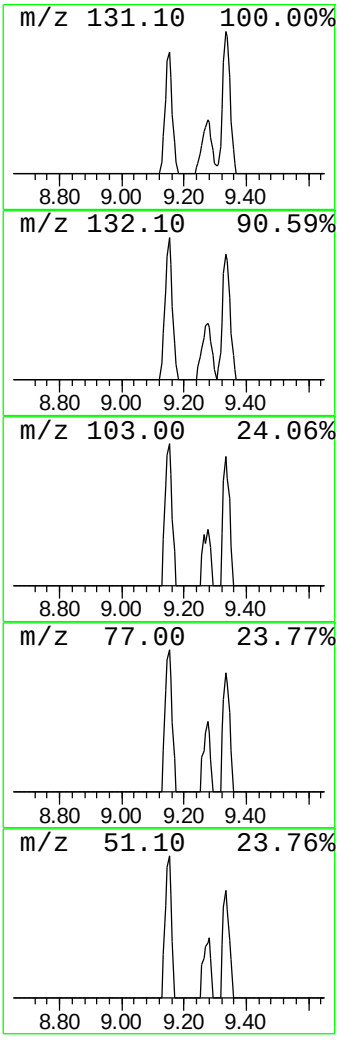
****

Peak Number 1 Benzofuran, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.67 ng/ul	35171	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BC7P7

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Quant Title : SVOA CALIBRATION

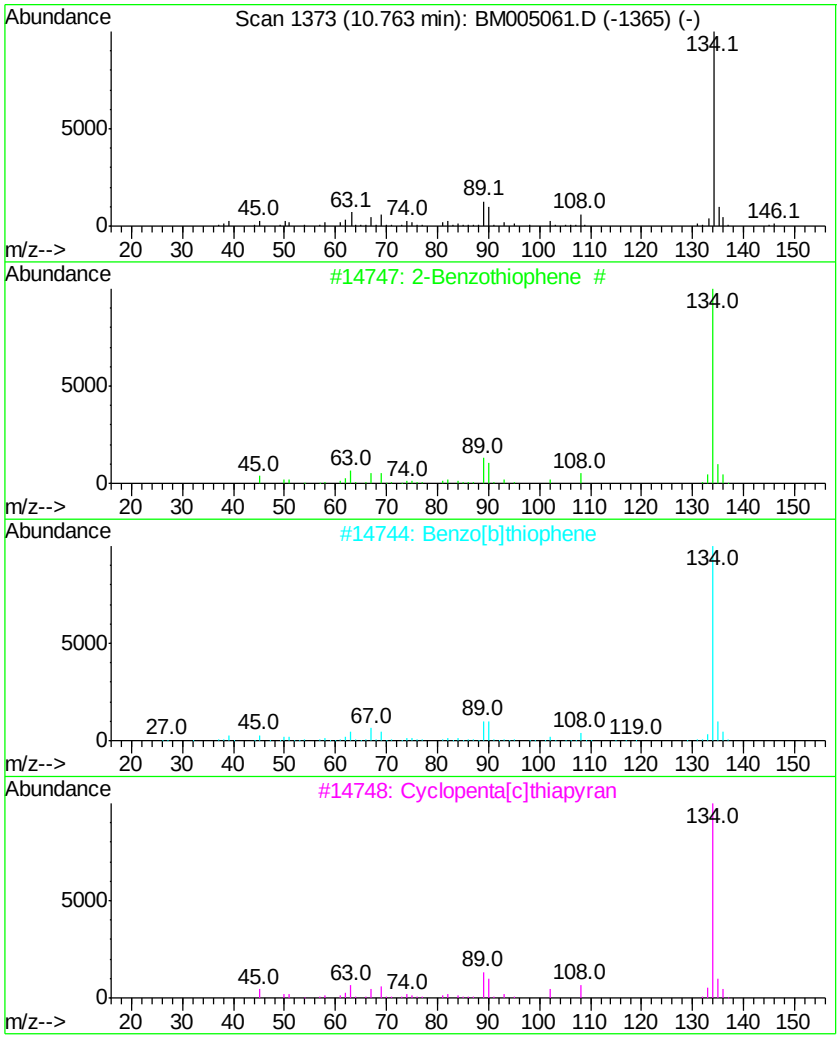
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

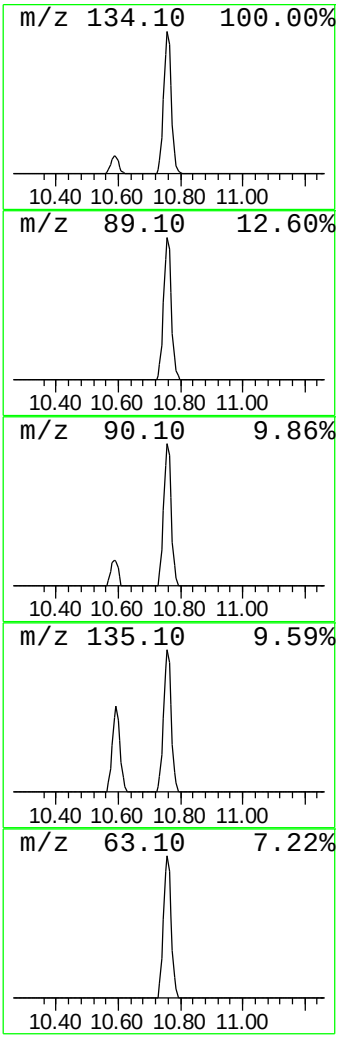
****

Peak Number 2 2-Benzothiophene # Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	17.09 ng/ul	377099	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	93





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Instrument : BNA_M
ClientSampleId : BC7P7

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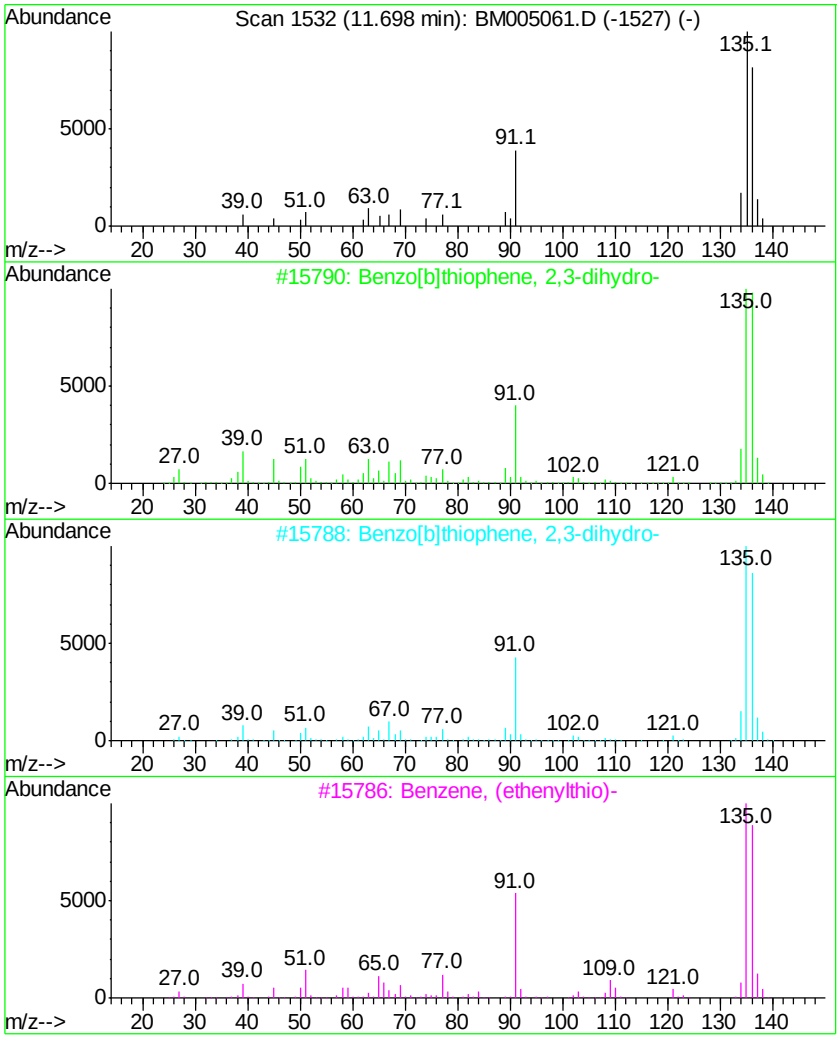
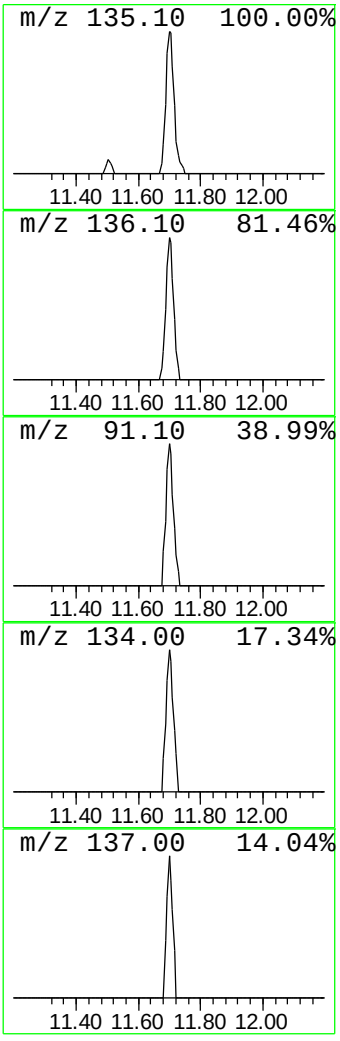
Peak Number 3 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.24 ng/ul	49461	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	91
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
3	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	78
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	78
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	78





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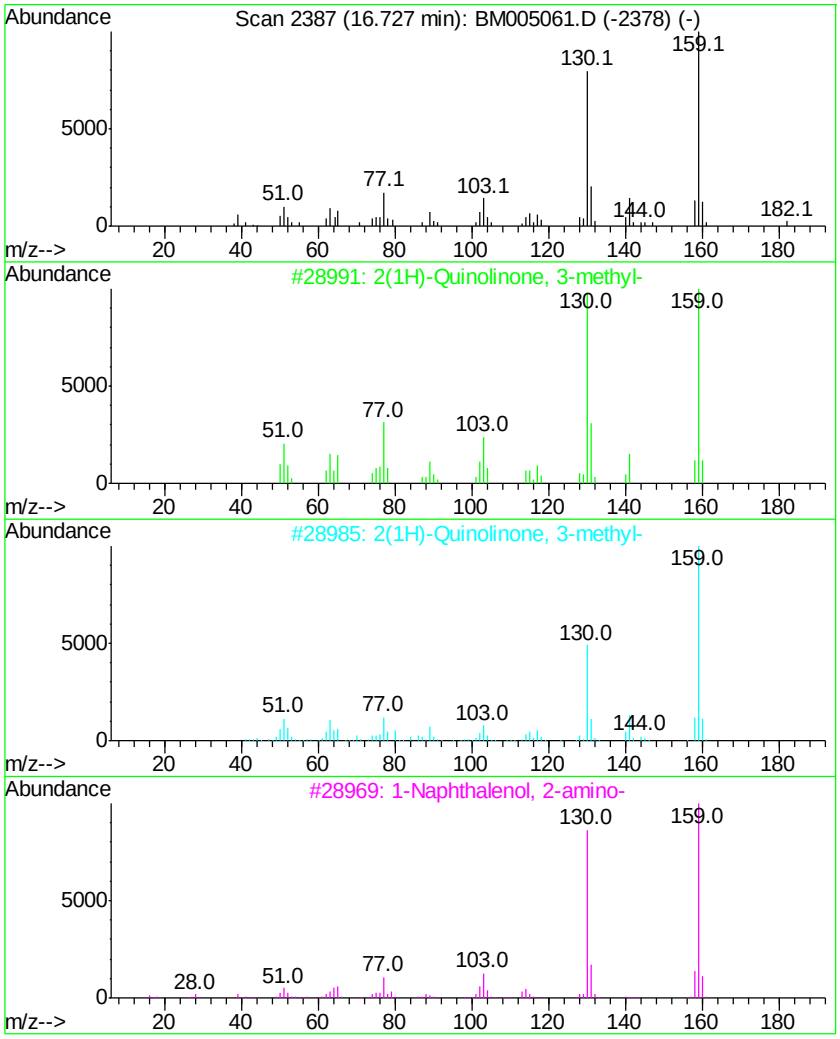
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

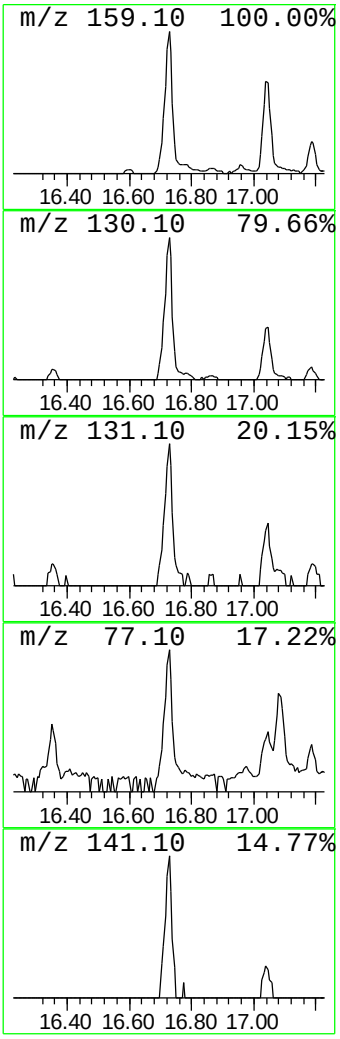
****

Peak Number 4 2(1H)-Quinolinone, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	3.61 ng/ul	149085	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	97
2	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	94
3	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	93
4	5-Amino-1-naphthol	159	C10H9NO	000083-55-6	90
5	8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	87





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Quant Title : SVOA CALIBRATION

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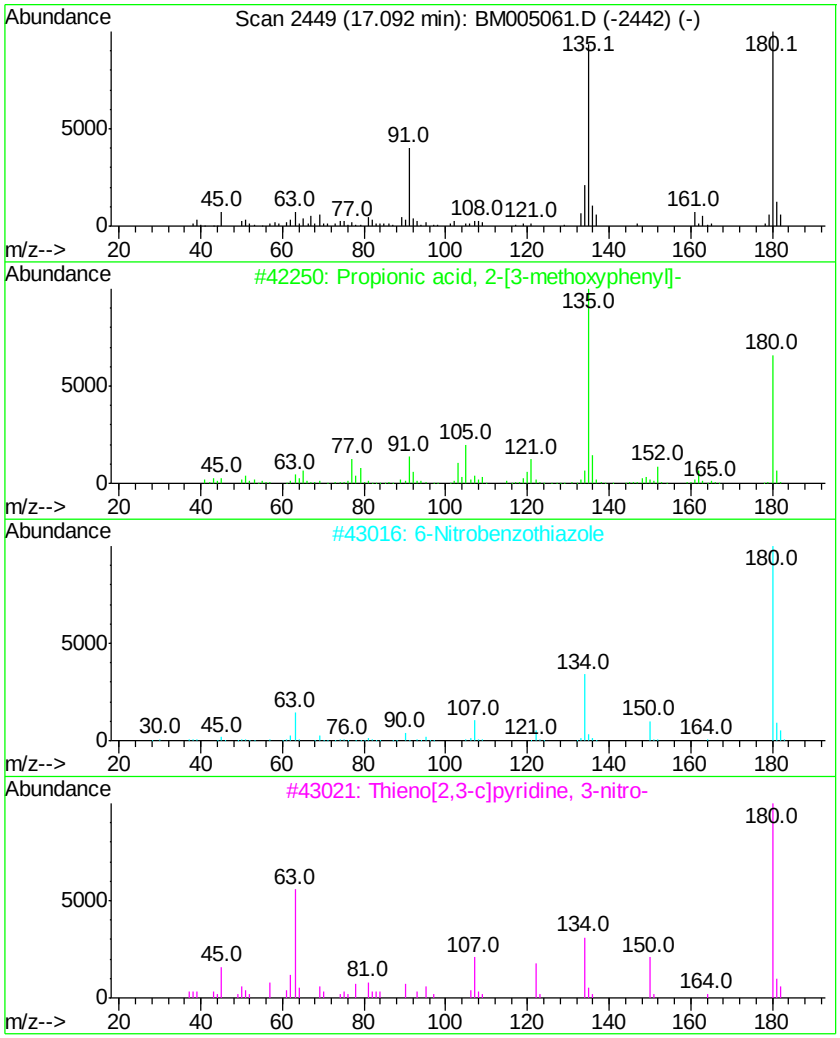
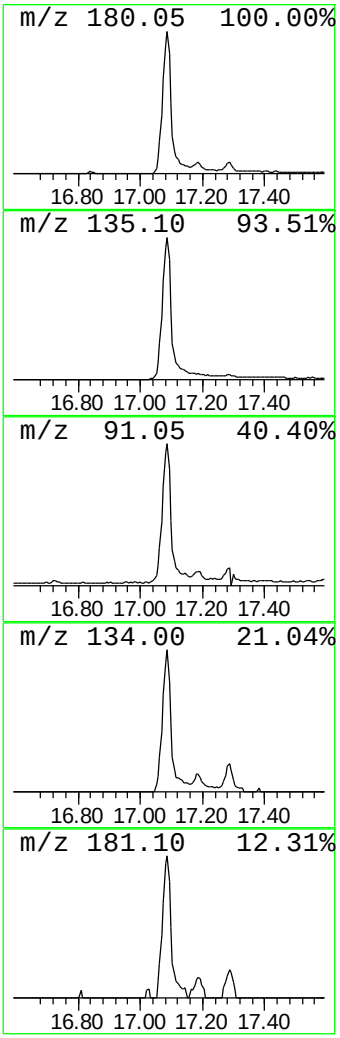
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propionic acid, 2-[3-methox... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	10.38 ng/ul	429332	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propionic acid, 2-[3-methoxyphen...	180	C10H12O3	1000128-52-3	64
2	6-Nitrobenzothiazole	180	C7H4N2O2S	002942-06-5	38
3	Thieno[2,3-c]pyridine, 3-nitro-	180	C7H4N2O2S	028783-28-0	38
4	Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	38
5	3-Chlorobenzotrifluoride	180	C7H4ClF3	000098-15-7	38





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
Benzofuran, 7-met...	9.15	2.7	ng/ul	35171	1	7.80	263485	20.0
2-Benzothiophene #	10.76	17.1	ng/ul	377099	2	10.59	441266	20.0
Benzo[b]thiophene...	11.70	2.2	ng/ul	49461	2	10.59	441266	20.0
2(1H)-Quinolinone...	16.73	3.6	ng/ul	149085	4	17.19	826917	20.0
Propionic acid, 2...	17.09	10.4	ng/ul	429332	4	17.19	826917	20.0