LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012620.D
Acq On : 01 Nov 2017 01:20
Operator : SJ/JU
Sample : I6150-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-70

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-BM102417.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	6.546	583	588	595	rVB	113746	185840	1.38%	0.147%
2	7.016	661	668	681	rBV	468052	815940	6.06%	0.644%
3	7.181	690	696	703	rBV	1444469	2204588	16.37%	1.739%
4	7.387	720	731	737	rBV	1584288	2578954	19.15%	2.034%
5	7.451	737	742	748	rVB2	84109	141470	1.05%	0.112%
6	7.851	803	810	816	rBV	1354547	2162677	16.06%	1.706%
7	8.128	851	857	859	rBV3	88798	155149	1.15%	0.122%
8	8.157	859	862	867	rVB	197322	285135	2.12%	0.225%
9	8.222	867	873	878	rBV	208630	341751	2.54%	0.270%
10	8.551	918	929	939	rVB	1515287	2638478	19.60%	2.081%
11	9.004	1000	1006	1022	rVB3	2000320	4266000	31.68%	3.365%
12	9.298	1048	1056	1061	rVB	157210	265797	1.97%	0.210%
13	9.475	1081	1086	1091	rVB	148057	228267	1.70%	0.180%
14	9.663	1108	1118	1122	rBV4	91870	215133	1.60%	0.170%
15	9.722	1122	1128	1136	rVB	1653229	2824988	20.98%	2.228%
16	9.839	1142	1148	1154	rBV3	86124	165992	1.23%	0.131%
17	10.039	1175	1182	1192	rVB2	348724	647678	4.81%	0.511%
18	10.263	1213	1220	1228	rBV	2545946	4284479	31.82%	3.380%
19	10.639	1277	1284	1290	rBV	2048013	3462795	25.72%	2.731%
20	10.698	1290	1294	1299	rVV4	77443	138100	1.03%	0.109%
21	10.775	1299	1307	1316	rVB2	220175	526333	3.91%	0.415%
22	11.045	1343	1353	1362	rVB3	113293	306340	2.28%	0.242%
23	11.251	1379	1388	1394	rBV4	111136	298940	2.22%	0.236%
24	11.486	1422	1428	1433	rVV8	64690	144851	1.08%	0.114%
25	11.545	1433	1438	1445	rVB7	65520	141077	1.05%	0.111%
26	11.857	1483	1491	1499	rBV5	89528	246099	1.83%	0.194%
27	12.028	1515	1520	1524	rBV4	80242	135981	1.01%	0.107%
28	12.086	1525	1530	1535	rVB3	67172	136009	1.01%	0.107%
29	12.275	1559	1562	1572	rVB3	85262	161964	1.20%	0.128%
30	13.516	1768	1773	1784	rVB2	140654	359658	2.67%	0.284%
31	13.657	1792	1797	1801	rBV3	93928	177420	1.32%	0.140%
32	13.892	1828	1837	1843	rBV	5308944	7268305	53.98%	5.733%
33	14.174	1878	1885	1893	rVB	5804672	8548602	63.49%	6.743%
34	14.427	1924	1928	1930	rBV	107058	151796	1.13%	0.120%

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Instrument : BNA_M
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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-BM102417.M
Title : SVOA CALIBRATION

35	14.480	1931	1937	1942	rVV2	3259158	5093792	37.83%	4.018%
36	14.533	1942	1946	1963	rVV	968675	1696994	12.60%	1.339%
37	14.680	1964	1971	1979	rVV	543678	852996	6.34%	0.673%
38	14.945	2010	2016	2024	rVB5	61138	140445	1.04%	0.111%
39	15.063	2031	2036	2040	rBV	176710	241615	1.79%	0.191%
40	15.474	2099	2106	2114	rBV	7768841	10718157	79.60%	8.454%
41	15.598	2121	2127	2140	rVV	2437772	3321703	24.67%	2.620%
42	15.710	2140	2146	2154	rVB2	110629	225310	1.67%	0.178%
43	17.221	2397	2403	2410	rBV2	4257383	6245404	46.38%	4.926%
44	17.321	2414	2420	2429	rVV2	8223038	11917267	88.51%	9.400%
45	17.404	2430	2434	2440	rVB	198817	281543	2.09%	0.222%
46	18.115	2550	2555	2561	rBV	193267	293794	2.18%	0.232%
47	19.245	2743	2747	2752	rBV	123547	195796	1.45%	0.154%
48	19.392	2768	2772	2780	rBV	296751	450775	3.35%	0.356%
49	19.615	2803	2810	2823	rBV	9710108	13464549	100.00%	10.621%
50	21.080	3056	3059	3063	rBV6	171306	230830	1.71%	0.182%
51	21.398	3107	3113	3118	rBV	5181400	6796643	50.48%	5.361%
52	23.544	3472	3478	3491	rVB2	6111845	11934341	88.64%	9.414%
53	23.691	3497	3503	3514	rVB2	3143174	6063568	45.03%	4.783%

Sum of corrected areas: 126778108

LSC Report - Integrated Chromatogram

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Misc :
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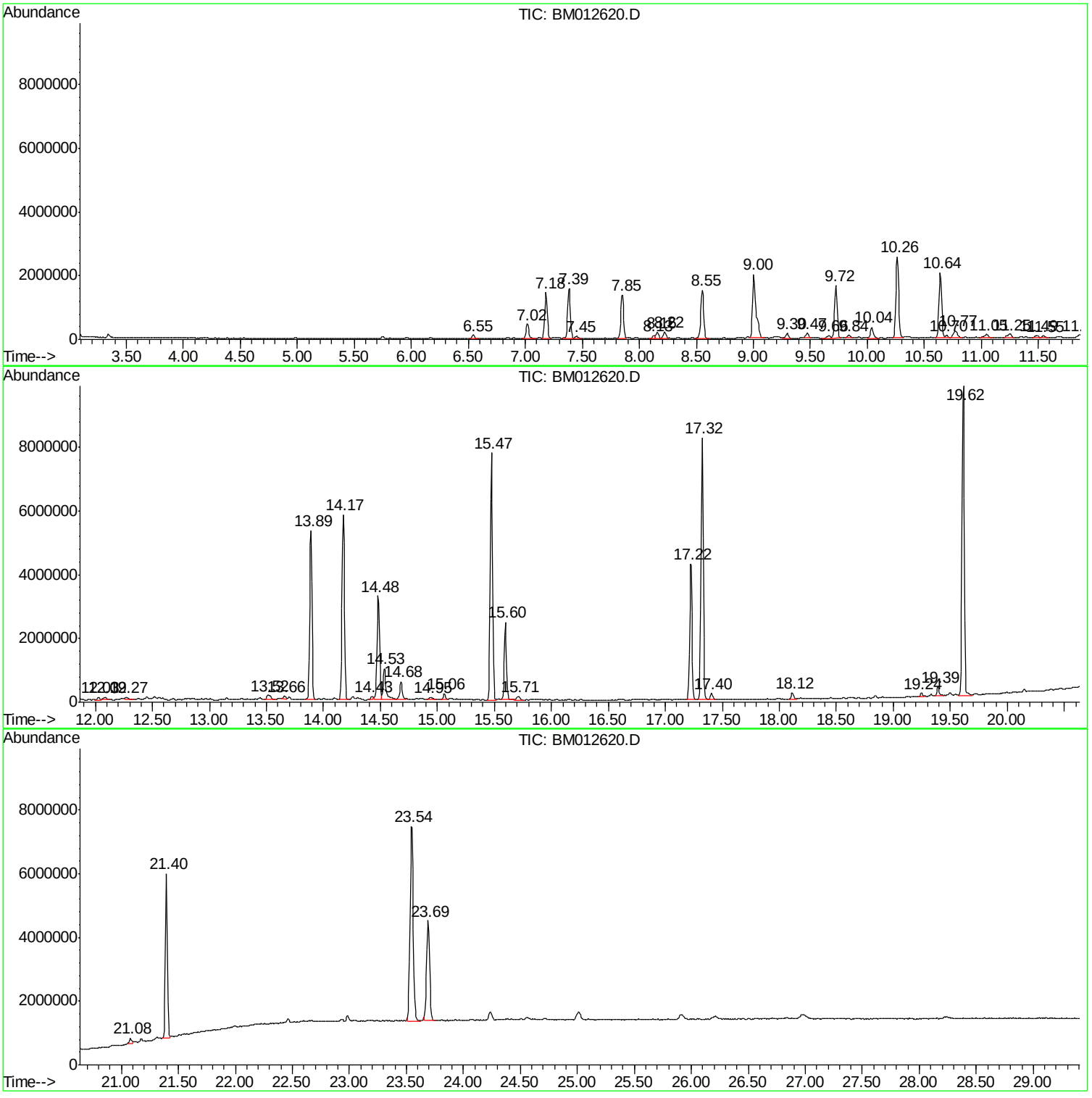
Instrument : BNA_M
ClientSampleId : TWP-B-70

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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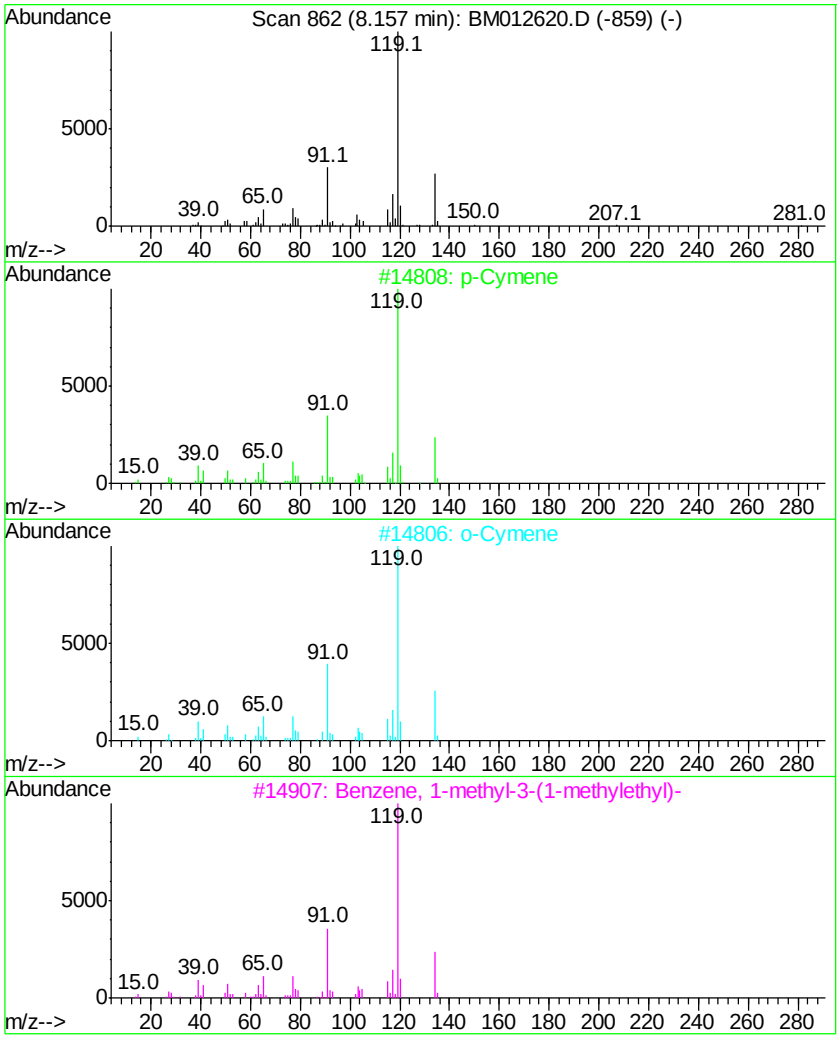
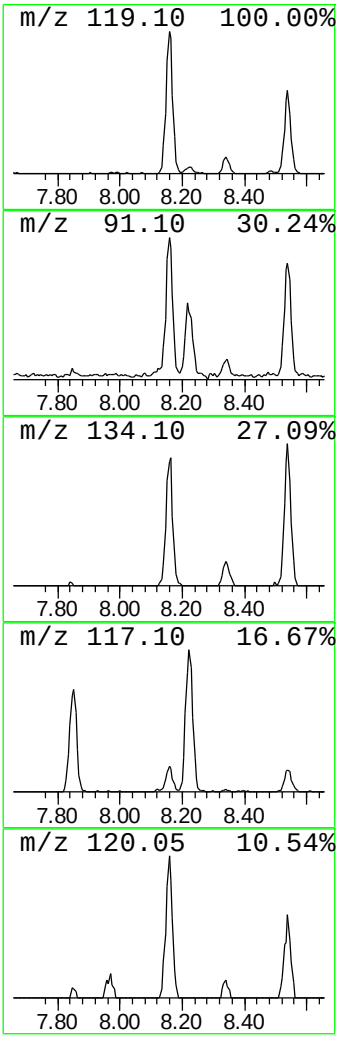
Peak Number 1 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	2.64 ng/ul	285135	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	o-Cymene	134	C10H14	000527-84-4	91





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ClientSampleId : TWP-B-70

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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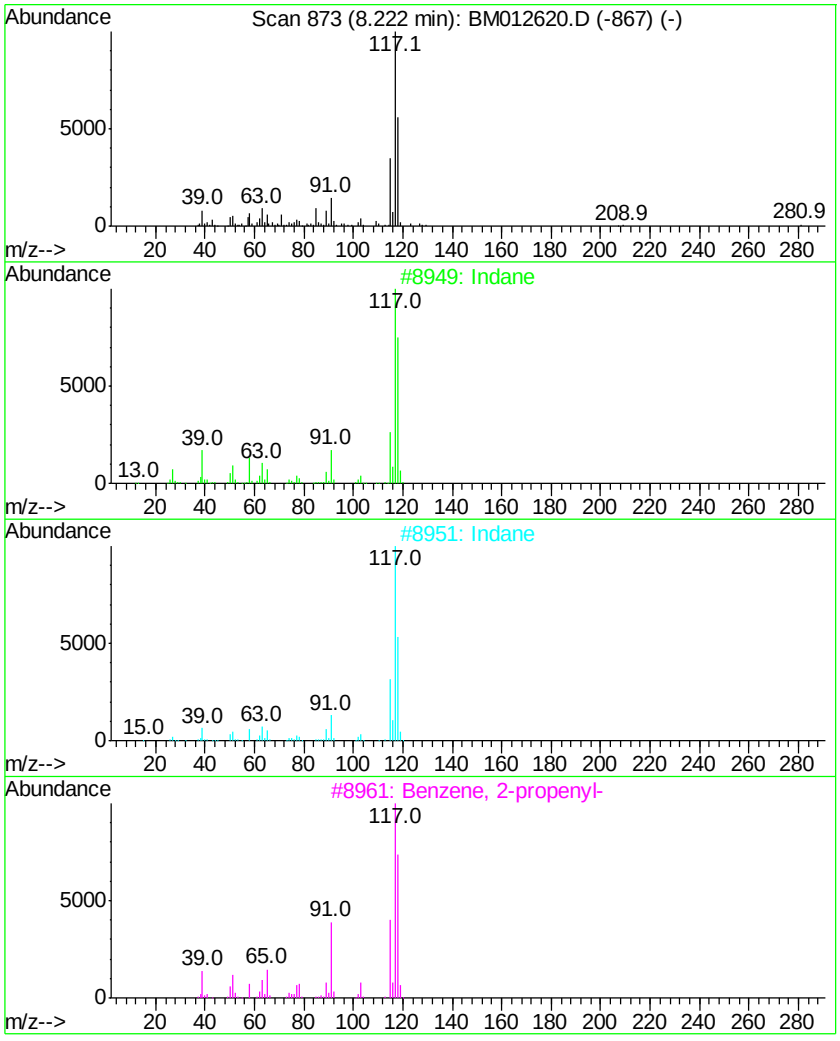
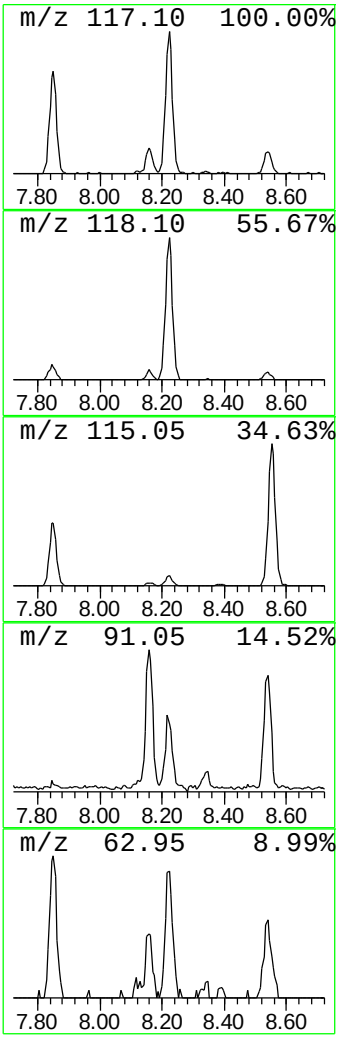
Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	3.16 ng/ul	341751	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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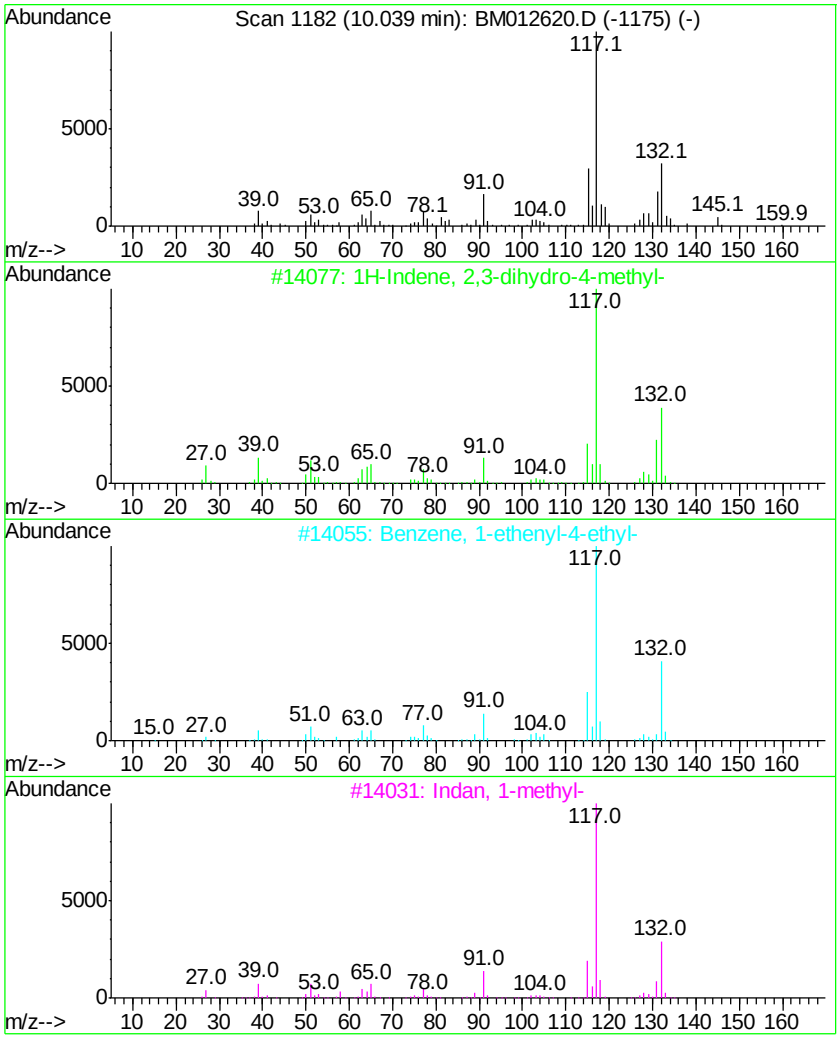
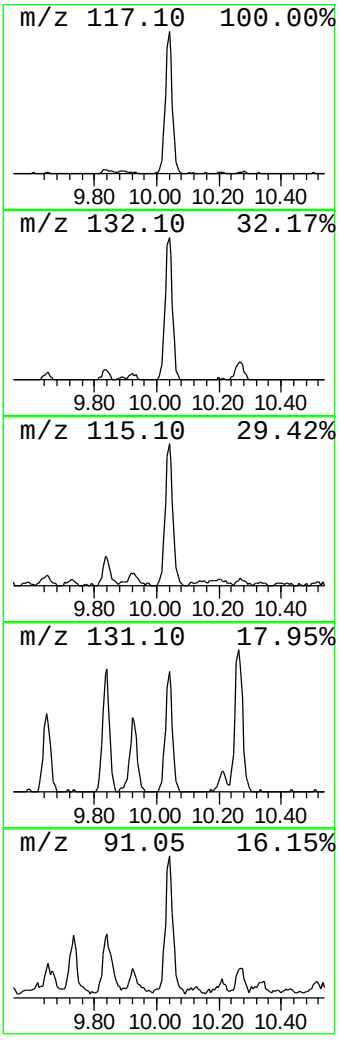
Peak Number 3 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	3.74 ng/ul	647678	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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Quant Title : SVOA CALIBRATION

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

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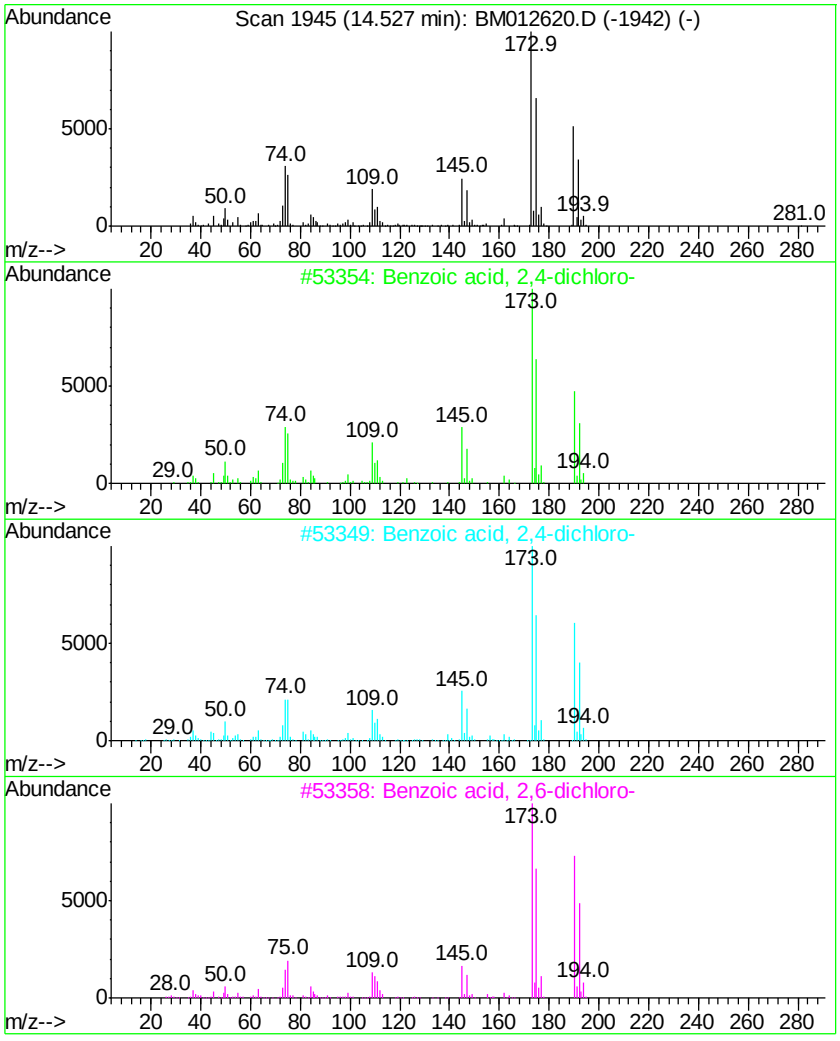
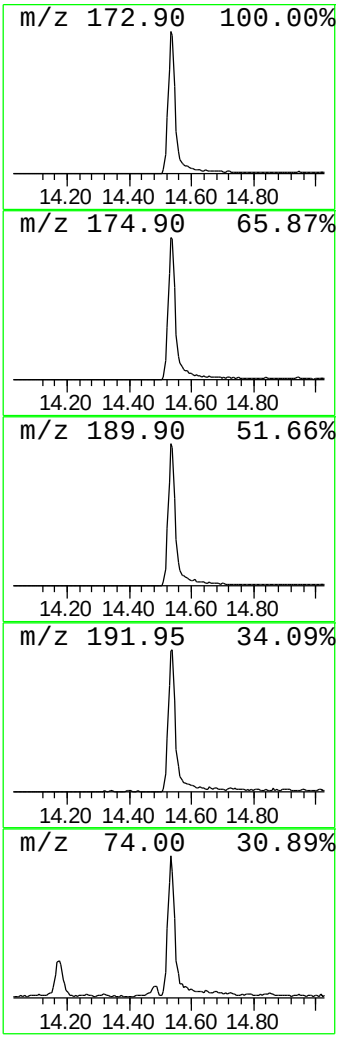
Peak Number 4 Benzoic acid, 2,4-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	6.66 ng/ul	1696990	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	99
2	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	98
3	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	97
4	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	96
5	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	95





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
p-Cymene	8.16	2.6	ng/ul	285135	1	7.85	2162680	20.0
Indane	8.22	3.2	ng/ul	341751	1	7.85	2162680	20.0
1H-Indene, 2,3-di...	10.04	3.7	ng/ul	647678	2	10.64	3462800	20.0
Benzoic acid, 2,4...	14.53	6.7	ng/ul	1696990	3	14.48	5093790	20.0