LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048183.D
Acq On : 17 Feb 2021 9:46
Operator : CG/JU
Sample : M1408-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGK2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.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	3.401	9	11	14	rVB4	2442	2366	0.21%	0.020%
2	3.525	29	32	40	rVB6	10408	17736	1.60%	0.147%
3	3.719	63	65	68	rVB3	2447	1517	0.14%	0.013%
4	4.271	154	159	160	rBV3	4236	4925	0.44%	0.041%
5	4.682	227	229	232	rVB2	1740	1632	0.15%	0.014%
6	4.888	262	264	270	rBV4	1751	2036	0.18%	0.017%
7	4.970	275	278	281	rVB2	1483	1681	0.15%	0.014%
8	5.182	311	314	319	rVB3	1893	2152	0.19%	0.018%
9	5.446	354	359	368	rVB	88012	133503	12.06%	1.108%
10	5.599	380	385	389	rVB4	2438	3461	0.31%	0.029%
11	5.898	433	436	438	rBV3	1341	1852	0.17%	0.015%
12	6.686	566	570	572	rBV	1540	1856	0.17%	0.015%
13	7.244	658	665	674	rBV	114558	205754	18.58%	1.708%
14	7.344	678	682	684	rBV3	1280	1809	0.16%	0.015%
15	7.420	688	695	703	rBV	96130	159229	14.38%	1.322%
16	7.561	717	719	722	rBV	1168	1601	0.14%	0.013%
17	7.626	722	730	737	rBV	121214	205344	18.54%	1.704%
18	8.102	804	811	819	rBV	171646	296010	26.73%	2.457%
19	8.478	869	875	884	rVB2	17859	33507	3.03%	0.278%
20	8.642	896	903	910	rVB	39917	69958	6.32%	0.581%
21	8.795	922	929	938	rBV	145167	261617	23.62%	2.171%
22	9.124	981	985	986	rBV	1518	1868	0.17%	0.016%
23	9.259	1001	1008	1018	rBV	135418	241776	21.83%	2.007%
24	9.453	1039	1041	1043	rBV	2066	1748	0.16%	0.015%
25	9.571	1059	1061	1062	rBV	2029	1527	0.14%	0.013%
26	9.588	1062	1064	1066	rVB3	2612	2526	0.23%	0.021%
27	9.647	1071	1074	1076	rBV	2741	2452	0.22%	0.020%
28	9.670	1076	1078	1082	rVB3	1157	1503	0.14%	0.012%
29	9.982	1123	1131	1141	rBV	115457	213864	19.31%	1.775%
30	10.305	1182	1186	1191	rVB3	2151	3294	0.30%	0.027%
31	10.522	1216	1223	1233	rBV	171318	312820	28.25%	2.596%
32	10.910	1281	1289	1294	rBV	226970	417698	37.72%	3.467%
33	10.963	1294	1298	1304	rVB	139764	232113	20.96%	1.926%
34	11.039	1304	1311	1316	rBV	126856	243237	21.97%	2.019%

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Instrument : BNA_G
ClientSampleId : DBGK2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Title : SVOA CALIBRATION

35	11.421	1373	1376	1381	rBV2	1297	1918	0.17%	0.016%
36	11.492	1385	1388	1391	rBV	1455	1889	0.17%	0.016%
37	12.009	1472	1476	1484	rBV5	2590	5191	0.47%	0.043%
38	12.173	1500	1504	1508	rVB2	1143	1604	0.14%	0.013%
39	12.561	1564	1570	1580	rVB	29026	46949	4.24%	0.390%
40	12.661	1585	1587	1591	rVB2	1217	1739	0.16%	0.014%
41	12.779	1601	1607	1613	rVB2	22843	36329	3.28%	0.302%
42	13.595	1744	1746	1747	rBV	2728	1828	0.17%	0.015%
43	13.613	1747	1749	1755	rVB4	3366	3374	0.30%	0.028%
44	14.042	1819	1822	1824	rBV	1889	2119	0.19%	0.018%
45	14.118	1829	1835	1841	rVV	363700	521814	47.12%	4.331%
46	14.165	1841	1843	1849	rVB2	9021	11031	1.00%	0.092%
47	14.418	1879	1886	1894	rVB	370548	593635	53.61%	4.927%
48	14.618	1916	1920	1923	rBV2	1323	1728	0.16%	0.014%
49	14.723	1932	1938	1944	rBV	394575	616834	55.70%	5.119%
50	14.782	1944	1948	1955	rVB2	31436	46080	4.16%	0.382%
51	14.894	1961	1967	1980	rBV	102433	196504	17.74%	1.631%
52	15.058	1994	1995	1998	rVB2	2870	1915	0.17%	0.016%
53	15.117	2000	2005	2011	rVB2	11334	16620	1.50%	0.138%
54	15.710	2099	2106	2112	rBV	527978	783104	70.72%	6.499%
55	15.769	2112	2116	2119	rVV2	8207	13111	1.18%	0.109%
56	15.816	2119	2124	2132	rVV2	137980	205805	18.58%	1.708%
57	15.893	2135	2137	2140	rVV3	4343	4421	0.40%	0.037%
58	15.951	2142	2147	2151	rVV2	6590	10611	0.96%	0.088%
59	15.987	2151	2153	2158	rVB2	1873	2530	0.23%	0.021%
60	16.433	2225	2229	2230	rBV	1486	1681	0.15%	0.014%
61	16.492	2236	2239	2245	rVB3	2439	2771	0.25%	0.023%
62	16.674	2266	2270	2271	rBV2	1715	1888	0.17%	0.016%
63	16.698	2271	2274	2275	rBV2	2582	2087	0.19%	0.017%
64	16.715	2275	2277	2281	rVB2	3575	4855	0.44%	0.040%
65	17.250	2365	2368	2370	rBV	3764	4050	0.37%	0.034%
66	17.309	2376	2378	2381	rBV2	1359	1921	0.17%	0.016%
67	17.361	2384	2387	2390	rVB3	2292	3128	0.28%	0.026%
68	17.467	2398	2405	2413	rVB	516966	799545	72.20%	6.636%
69	17.561	2415	2421	2430	rVB	594608	893445	80.68%	7.415%
70	17.685	2441	2442	2447	rVB3	3150	2813	0.25%	0.023%
71	17.737	2447	2451	2452	rBV2	2193	2800	0.25%	0.023%

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Instrument : BNA_G
ClientSampleId : DBGK2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Title : SVOA CALIBRATION

72	17.867	2466	2473	2477	rBV	31301	47816	4.32%	0.397%
73	17.967	2486	2490	2493	rVB3	2709	3501	0.32%	0.029%
74	18.025	2495	2500	2507	rBV5	4992	10080	0.91%	0.084%
75	18.307	2541	2548	2550	rBV5	3617	7406	0.67%	0.061%
76	18.772	2625	2627	2632	rBV3	2542	2549	0.23%	0.021%
77	18.842	2637	2639	2642	rBV2	1490	1842	0.17%	0.015%
78	19.106	2682	2684	2687	rBV3	2725	2855	0.26%	0.024%
79	19.283	2713	2714	2716	rVB2	2974	1613	0.15%	0.013%
80	19.723	2785	2789	2792	rBV3	6827	10261	0.93%	0.085%
81	19.841	2803	2809	2819	rVB	778071	1107381	100.00%	9.191%
82	21.733	3125	3131	3144	rVB	562400	944677	85.31%	7.840%
83	24.770	3639	3648	3658	rVB	385543	1024404	92.51%	8.502%
84	24.994	3676	3686	3698	rVB3	316442	948979	85.70%	7.876%

Sum of corrected areas: 12049003

LSC Report - Integrated Chromatogram

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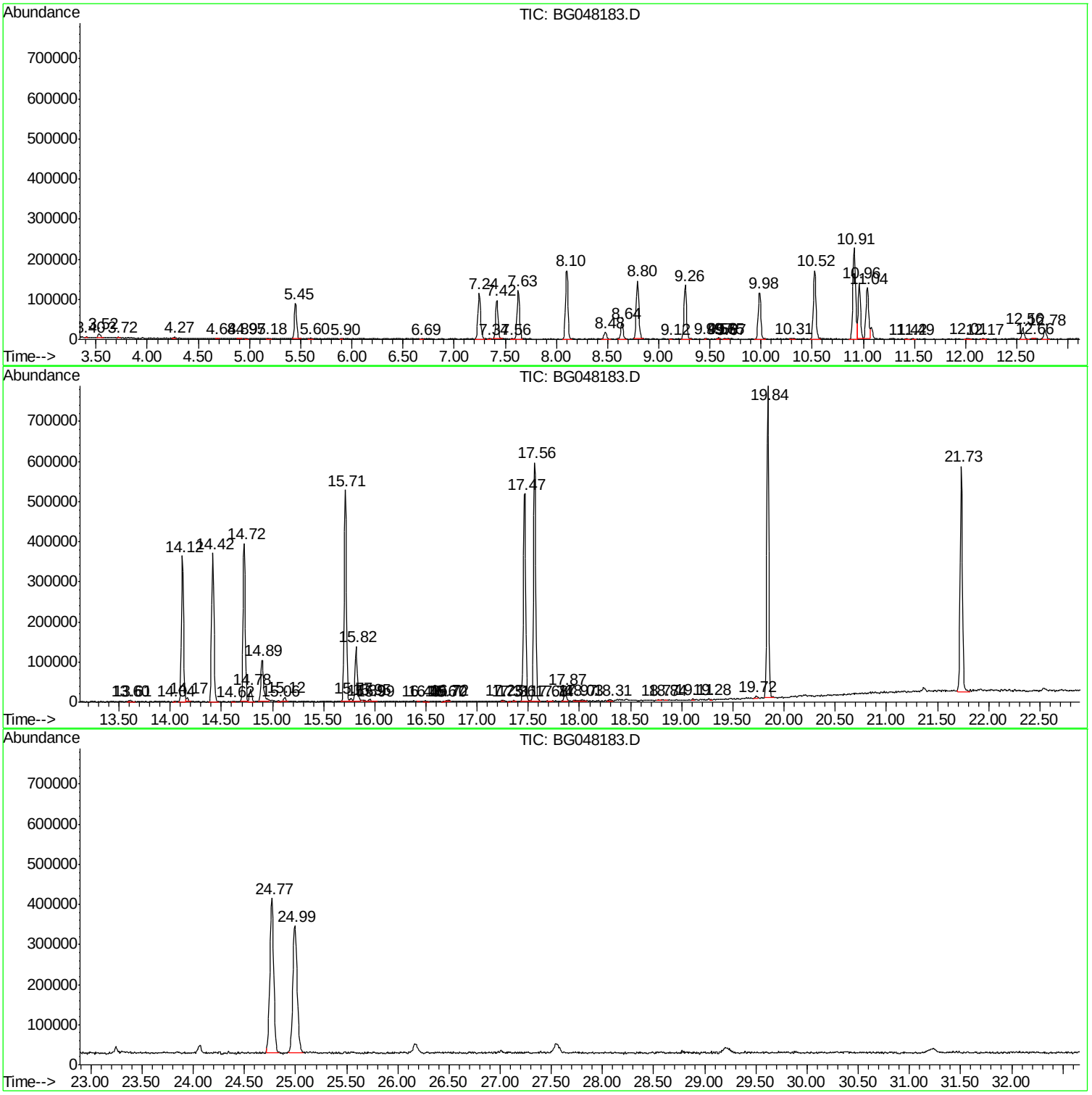
Sample : M1408-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048183.D
Acq On : 17 Feb 2021 9:46
Operator : CG/JU
Sample : M1408-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

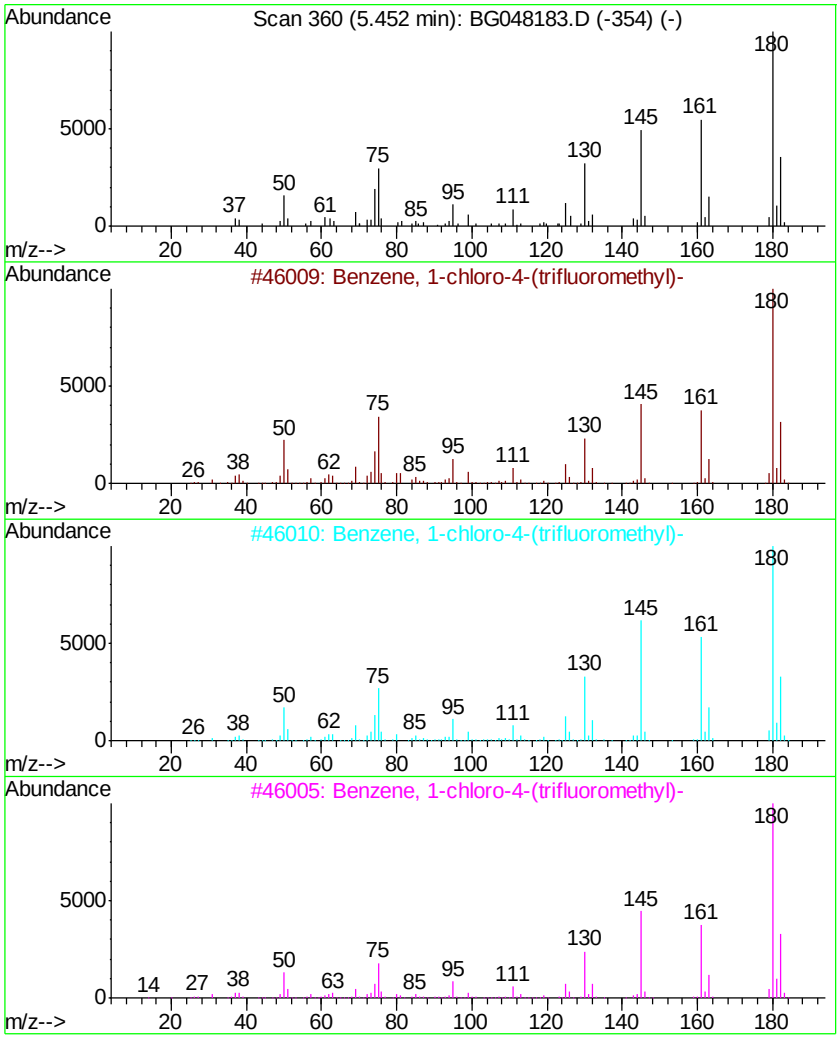
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

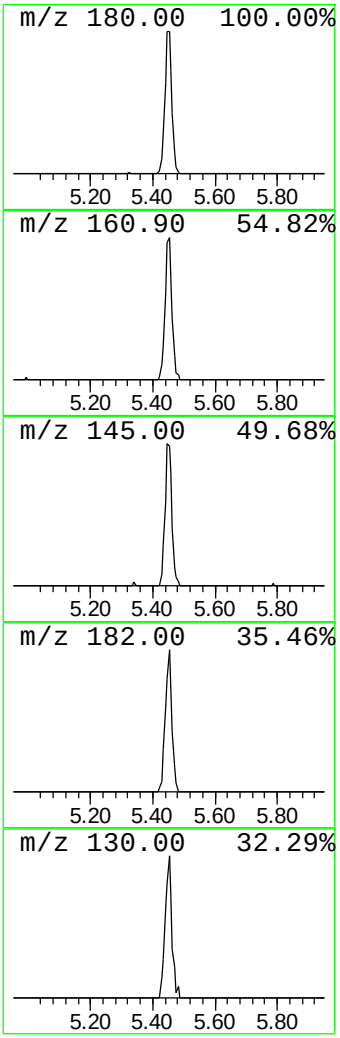
****

Peak Number 1 Benzene, 1-chloro-4-(triflu... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	9.02 ng/ul	133503	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	96
2	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	95
3	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	95
4	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	95
5	Benzene, 1-chloro-3-(trifluorome...	180	C7H4ClF3	000098-15-7	89





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ClientSampleId : DBGK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

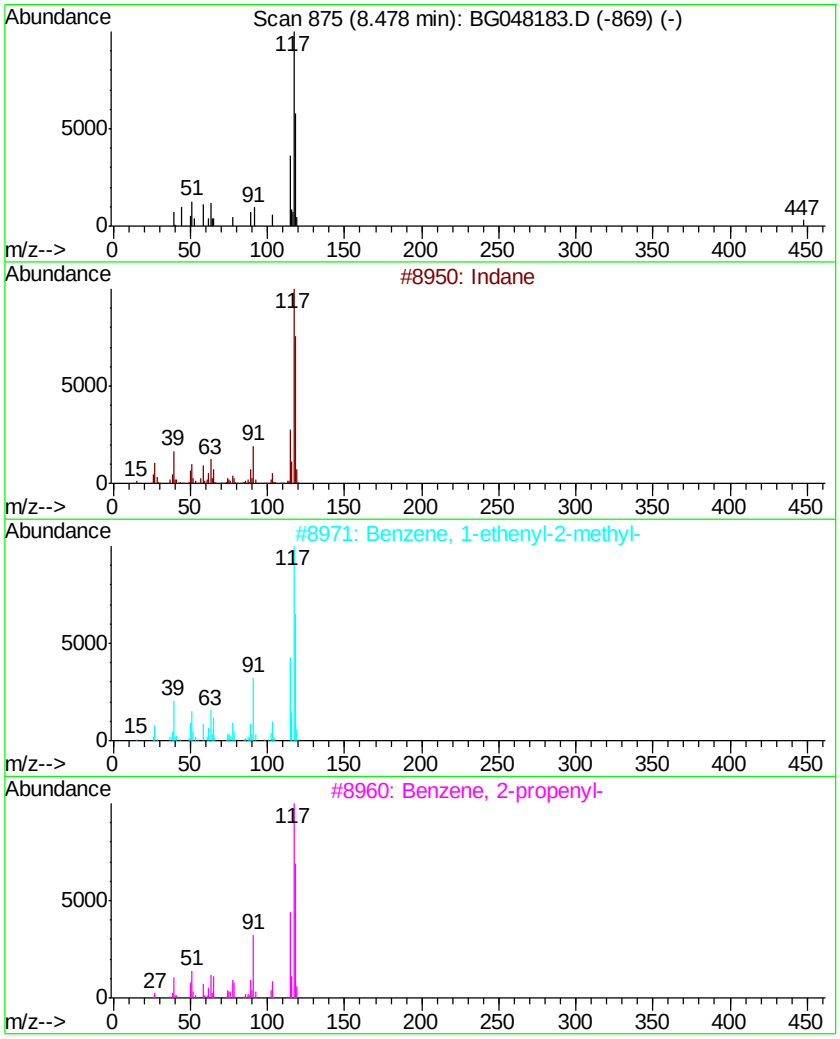
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

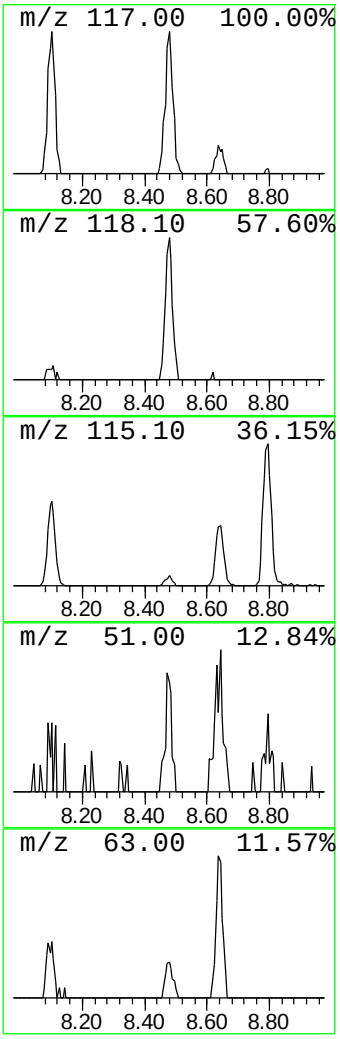
****

Peak Number 2 Benzene, 1-ethenyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	2.26 ng/ul	33507	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5	Indane	118	C9H10	000496-11-7	72





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Quant Title : SVOA CALIBRATION

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

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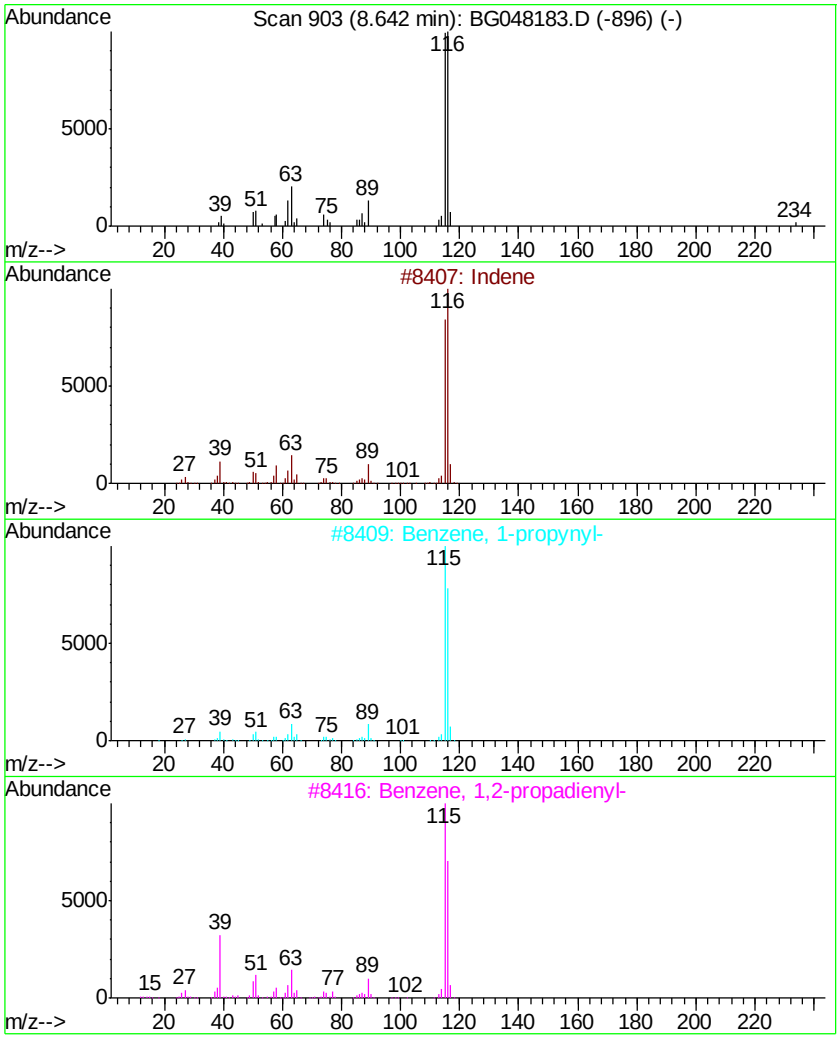
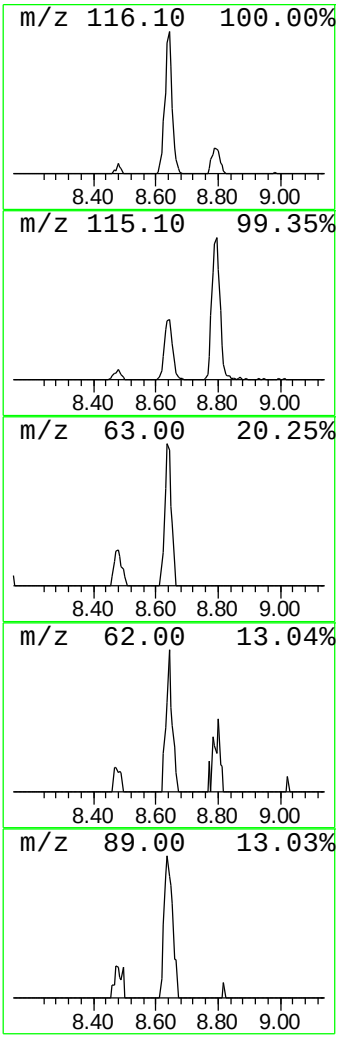
Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	4.73 ng/ul	69958	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90
4	Indene	116	C9H8	000095-13-6	86
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	86





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chloro...	5.45	9.0	ng/ul	133503	1	8.10	296010	20.0
Benzene, 1-etheny...	8.48	2.3	ng/ul	33507	1	8.10	296010	20.0
Indene	8.64	4.7	ng/ul	69958	1	8.10	296010	20.0