LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012176.D
Acq On : 14 Oct 2020 00:51
Operator : CG/JU
Sample : L4359-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N7

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_N\METHODS\SOM-EPA-BN100920.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	3.170	27	31	33	rBV	99446	115594	1.65%	0.151%
2	3.199	33	36	46	rVB	556514	737333	10.54%	0.962%
3	3.440	71	77	80	rBV3	21618	31330	0.45%	0.041%
4	3.881	147	152	158	rBV	152129	214327	3.06%	0.280%
5	3.958	161	165	170	rVV	55725	68786	0.98%	0.090%
6	4.317	220	226	235	rVB	317229	478055	6.83%	0.624%
7	5.599	440	444	450	rVB2	27284	38572	0.55%	0.050%
8	5.934	493	501	508	rVB	34360	54875	0.78%	0.072%
9	6.599	611	614	618	rBV6	16572	29010	0.41%	0.038%
10	6.811	642	650	662	rBV	279933	509037	7.27%	0.664%
11	6.969	669	677	690	rBV	806309	1283075	18.34%	1.674%
12	7.093	696	698	703	rBV5	14382	23693	0.34%	0.031%
13	7.164	704	710	722	rVB	999250	1549765	22.15%	2.021%
14	7.628	777	789	797	rVV	1268932	1948884	27.85%	2.542%
15	7.705	797	802	813	rVB2	77247	143525	2.05%	0.187%
16	8.046	856	860	864	rBV6	9894	22472	0.32%	0.029%
17	8.075	864	865	873	rVB6	8498	19452	0.28%	0.025%
18	8.334	902	909	917	rVV	811235	1277747	18.26%	1.667%
19	8.416	920	923	928	rVV6	17710	26600	0.38%	0.035%
20	8.528	937	942	948	rBV5	21964	42152	0.60%	0.055%
21	8.605	948	955	965	rBV	446277	744509	10.64%	0.971%
22	8.722	971	975	977	rVV3	16144	21420	0.31%	0.028%
23	8.775	977	984	995	rVV	1076150	1743469	24.92%	2.274%
24	8.858	995	998	1004	rVB3	34683	60132	0.86%	0.078%
25	8.975	1015	1018	1022	rBV6	16316	29078	0.42%	0.038%
26	9.128	1040	1044	1051	rBV7	27521	56771	0.81%	0.074%
27	9.228	1051	1061	1067	rVV2	116146	211057	3.02%	0.275%
28	9.322	1072	1077	1081	rBV6	18278	34433	0.49%	0.045%
29	9.416	1089	1093	1099	rVB6	22438	34580	0.49%	0.045%
30	9.493	1099	1106	1113	rBV	932860	1500341	21.44%	1.957%
31	9.622	1120	1128	1133	rBV3	50251	105065	1.50%	0.137%
32	9.681	1133	1138	1142	rVV4	30131	44785	0.64%	0.058%
33	9.822	1157	1162	1167	rVB2	72982	117117	1.67%	0.153%
34	9.952	1171	1184	1190	rBV3	126883	305834	4.37%	0.399%

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N7

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_N\METHODS\SOM-EPA-BN100920.M
Title : SVOA CALIBRATION

35	10.028	1190	1197	1205	rBV	1477676	2405355	34.37%	3.137%
36	10.093	1205	1208	1216	rVB7	32017	60004	0.86%	0.078%
37	10.175	1216	1222	1228	rBV8	19543	56847	0.81%	0.074%
38	10.310	1240	1245	1248	rBV7	13527	27169	0.39%	0.035%
39	10.352	1248	1252	1254	rVV2	80832	114685	1.64%	0.150%
40	10.399	1254	1260	1270	rVB	1635762	2733277	39.06%	3.565%
41	10.540	1277	1284	1299	rBV	1208845	2112874	30.19%	2.756%
42	10.663	1299	1305	1311	rVV10	32084	75571	1.08%	0.099%
43	10.763	1318	1322	1327	rVB8	16531	22182	0.32%	0.029%
44	10.834	1327	1334	1337	rBV9	24655	49831	0.71%	0.065%
45	10.957	1350	1355	1358	rBV7	16992	29512	0.42%	0.038%
46	11.110	1378	1381	1387	rVB8	13424	20640	0.29%	0.027%
47	11.216	1393	1399	1400	rVV5	31125	44862	0.64%	0.059%
48	11.240	1401	1403	1409	rVB4	44672	75536	1.08%	0.099%
49	11.316	1409	1416	1418	rBV7	20270	36343	0.52%	0.047%
50	11.369	1420	1425	1432	rVB7	36441	81644	1.17%	0.106%
51	11.440	1432	1437	1442	rBV8	14952	39133	0.56%	0.051%
52	11.610	1462	1466	1470	rVB3	29678	43687	0.62%	0.057%
53	11.863	1504	1509	1513	rVB5	16127	30054	0.43%	0.039%
54	11.916	1513	1518	1523	rBV7	35332	81246	1.16%	0.106%
55	11.981	1526	1529	1534	rVV5	44082	88657	1.27%	0.116%
56	12.046	1538	1540	1546	rVV7	19029	34632	0.49%	0.045%
57	12.134	1549	1555	1560	rVV9	25321	50878	0.73%	0.066%
58	12.351	1587	1592	1597	rBV8	13289	28122	0.40%	0.037%
59	12.640	1635	1641	1647	rVB9	40961	74220	1.06%	0.097%
60	12.869	1678	1680	1686	rVB7	13494	22613	0.32%	0.029%
61	12.981	1694	1699	1709	rBV10	19616	58417	0.83%	0.076%
62	13.181	1728	1733	1736	rBV6	18871	30070	0.43%	0.039%
63	13.310	1751	1755	1762	rVB2	55164	85491	1.22%	0.112%
64	13.375	1762	1766	1771	rBV6	29546	60181	0.86%	0.078%
65	13.451	1775	1779	1782	rBV6	21384	28708	0.41%	0.037%
66	13.487	1782	1785	1788	rBV5	14790	21505	0.31%	0.028%
67	13.687	1810	1819	1825	rBV	2778798	3786284	54.11%	4.939%
68	13.834	1838	1844	1847	rBV8	21264	42239	0.60%	0.055%
69	13.957	1858	1865	1878	rBV	2890713	4298974	61.44%	5.607%
70	14.075	1880	1885	1891	rBV	97844	148940	2.13%	0.194%
71	14.198	1900	1906	1911	rVB2	176556	255864	3.66%	0.334%

LSC Area Percent Report

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Sample : L4359-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N7

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_N\METHODS\SOM-EPA-BN100920.M
Title : SVOA CALIBRATION

72	14.269	1911	1918	1928	rBV	2528060	3674854	52.52%	4.793%
73	14.481	1949	1954	1961	rBV2	189468	318653	4.55%	0.416%
74	14.634	1977	1980	1988	rVB9	27728	53726	0.77%	0.070%
75	14.863	2014	2019	2025	rBV9	34854	84076	1.20%	0.110%
76	15.028	2043	2047	2051	rBV6	49678	77816	1.11%	0.102%
77	15.075	2053	2055	2062	rVB8	36399	54039	0.77%	0.070%
78	15.269	2081	2088	2098	rBV	3780628	5326374	76.12%	6.948%
79	15.387	2103	2108	2113	rVV	863489	1146953	16.39%	1.496%
80	15.434	2113	2116	2123	rVB9	37229	58004	0.83%	0.076%
81	15.510	2124	2129	2134	rBV3	48820	92652	1.32%	0.121%
82	15.604	2144	2145	2150	rVB5	15485	17552	0.25%	0.023%
83	15.787	2172	2176	2181	rBV2	44293	63855	0.91%	0.083%
84	15.940	2199	2202	2209	rBV3	52694	80778	1.15%	0.105%
85	16.157	2237	2239	2243	rVB5	21234	23592	0.34%	0.031%
86	16.298	2260	2263	2267	rBV2	24677	31202	0.45%	0.041%
87	16.351	2269	2272	2278	rVB3	49390	69090	0.99%	0.090%
88	16.569	2305	2309	2312	rBV2	50155	67853	0.97%	0.089%
89	16.804	2346	2349	2356	rBV9	24885	48914	0.70%	0.064%
90	17.022	2379	2386	2391	rBV	2897106	4198765	60.00%	5.477%
91	17.116	2396	2402	2413	rBV	4220628	5817692	83.14%	7.588%
92	17.922	2535	2539	2544	rBV2	209290	304267	4.35%	0.397%
93	18.704	2668	2672	2681	rVB	208832	267741	3.83%	0.349%
94	19.051	2728	2731	2741	rBV3	49168	95676	1.37%	0.125%
95	19.216	2756	2759	2763	rBV5	64157	85467	1.22%	0.111%
96	19.422	2788	2794	2801	rBV	5027685	6841276	97.77%	8.924%
97	20.945	3049	3053	3058	rBV	465188	563529	8.05%	0.735%
98	21.222	3095	3100	3105	rBV	3779834	4613056	65.92%	6.017%
99	23.280	3444	3450	3460	rVB	3932813	6997478	100.00%	9.127%
100	23.416	3467	3473	3483	rVB	2577255	4711502	67.33%	6.146%

Sum of corrected areas: 76665554

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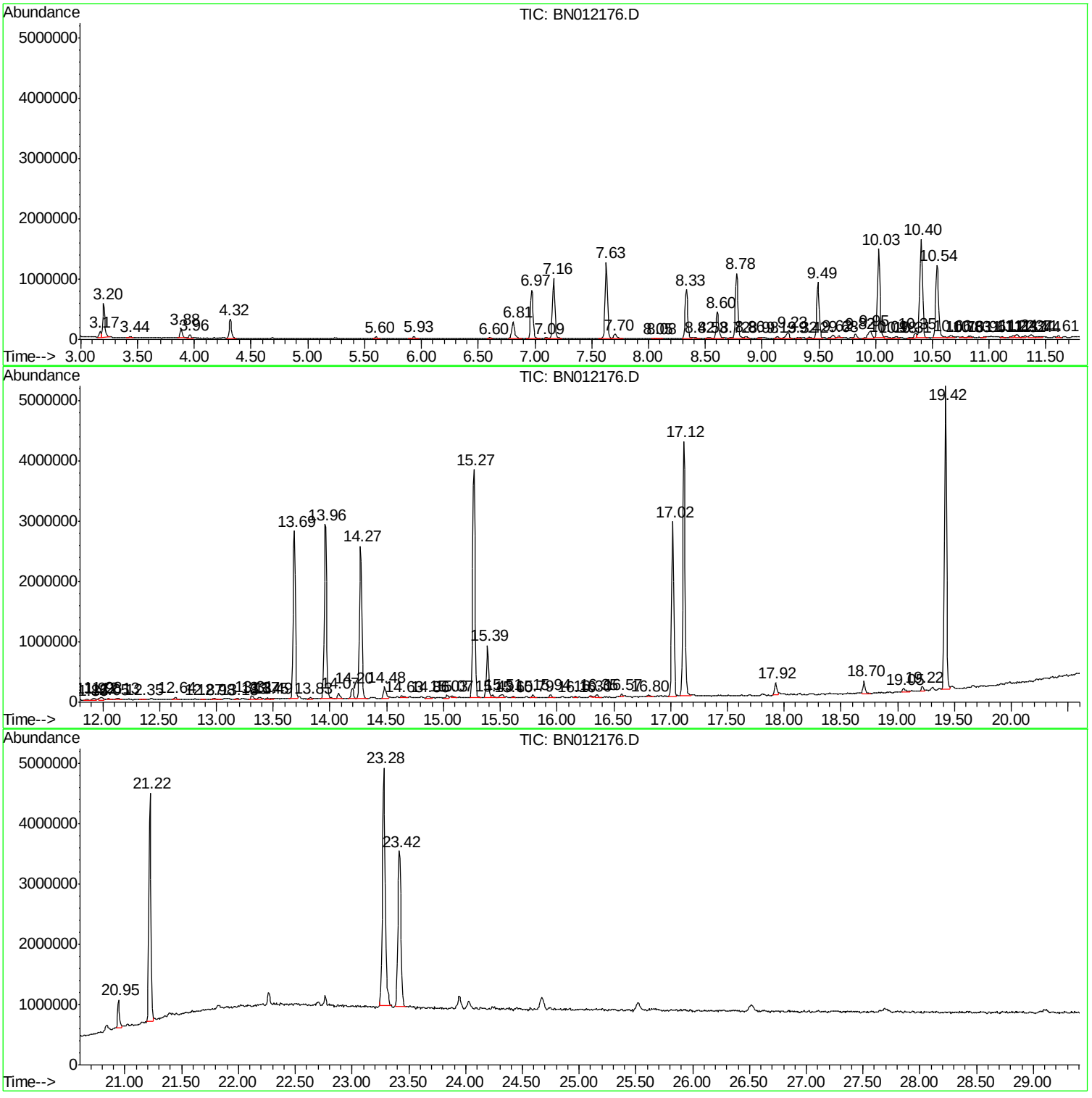
Instrument : BNA_N
ClientSampleId : CB7N7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.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 N\DATA\BN101320\
Data File : BN012176.D
Acq On : 14 Oct 2020 00:51
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Sample : L4359-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

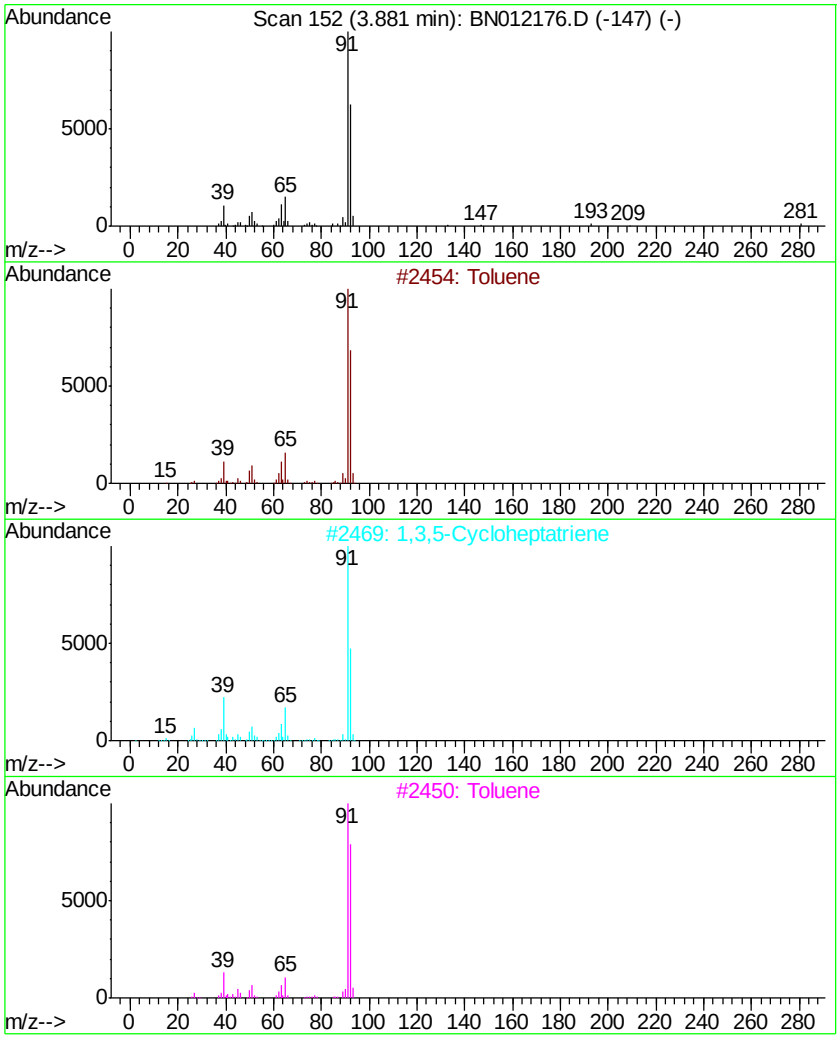
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

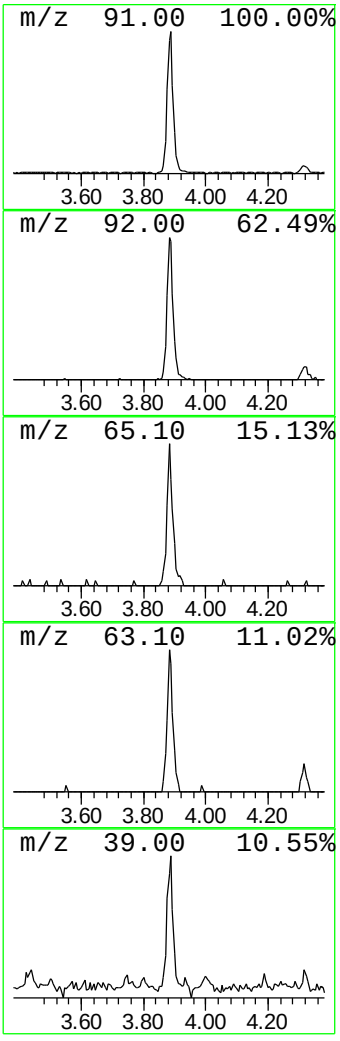
****

Peak Number 1 Toluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	2.20 ng/ul	214327	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	93
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	90





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Misc :
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Instrument : BNA_N
ClientSampleId : CB7N7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

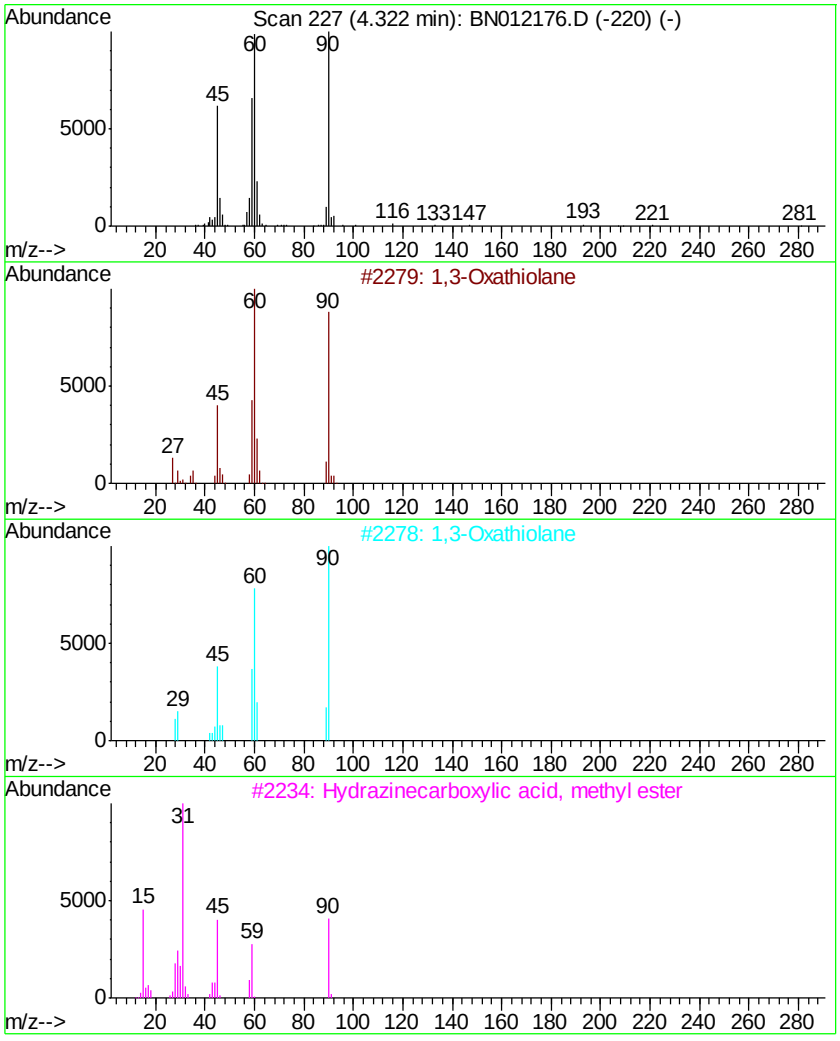
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

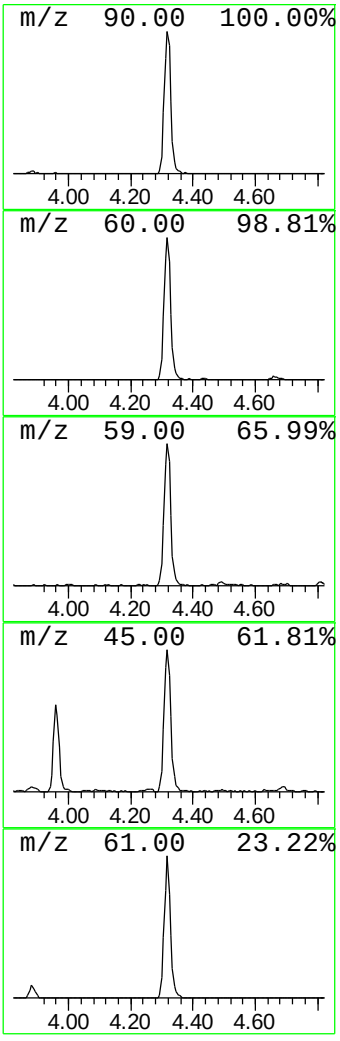
****

Peak Number 2 1,3-Oxathiolane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	4.91 ng/ul	478055	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	91
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	64
3	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
4	3-Thietanol	90	C3H6OS	010304-16-2	53
5	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50





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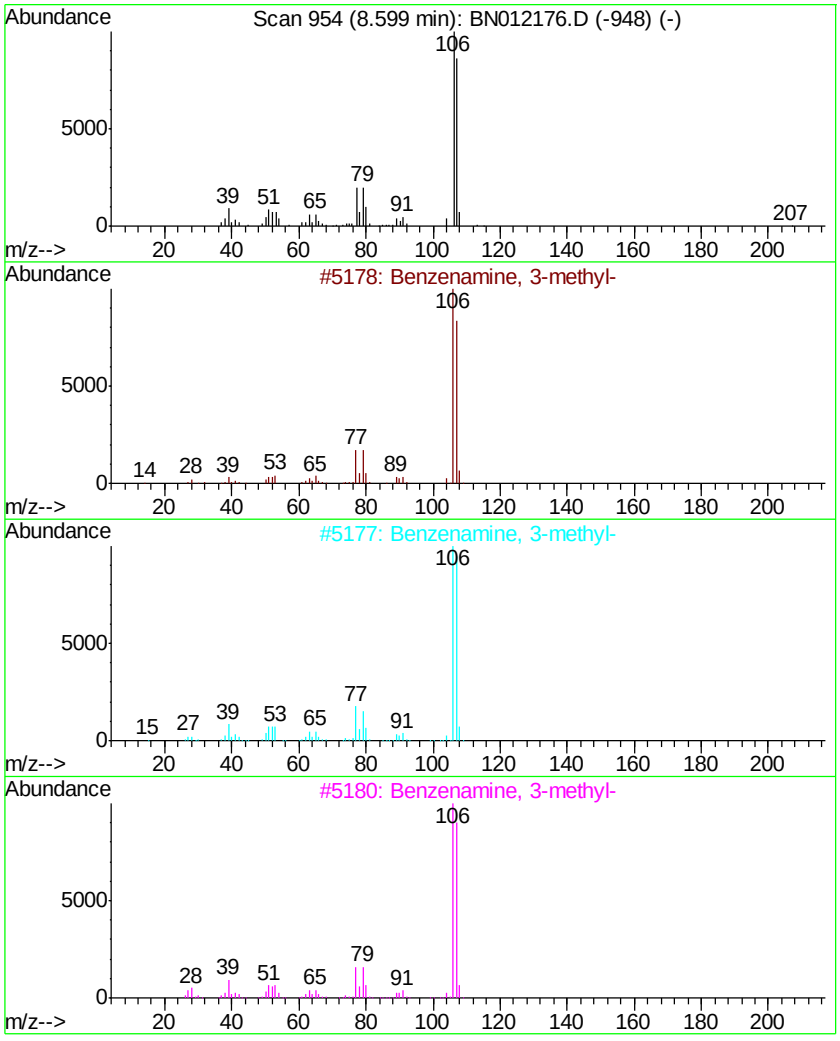
Quant Title : SVOA CALIBRATION

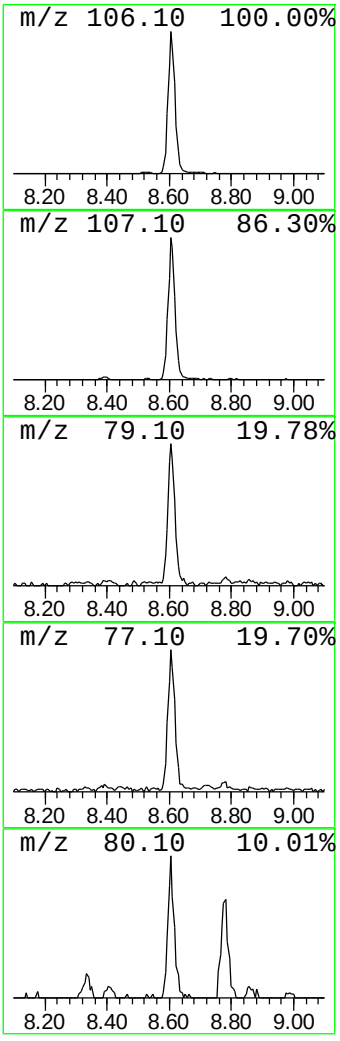
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	7.64 ng/ul	744509	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	96
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

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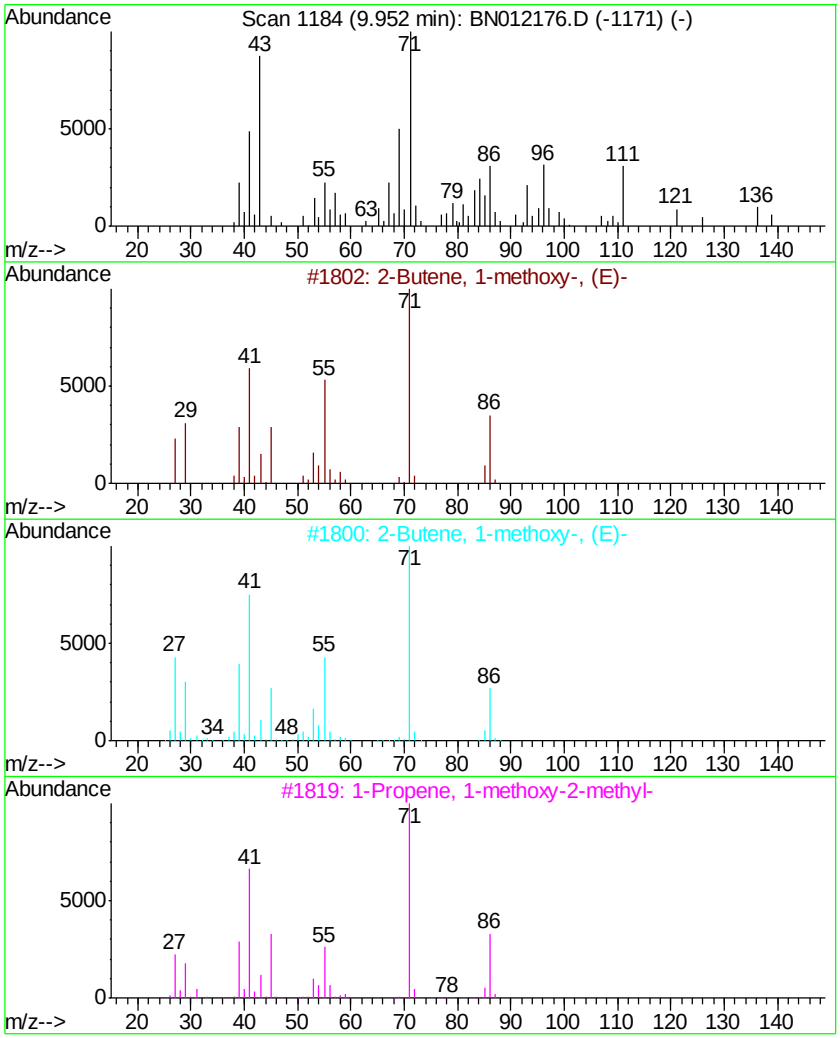
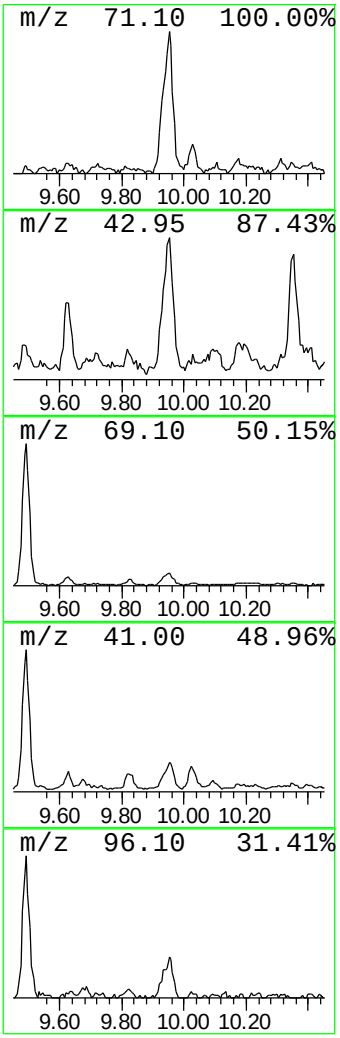
Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.24 ng/ul	305834	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	43
2	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	35
3	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	35
4	Acetamide, N-tetrahydrofurfuryl-...	177	C7H12ClNO2	1000307-23-4	35
5	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	35





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Sample : L4359-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

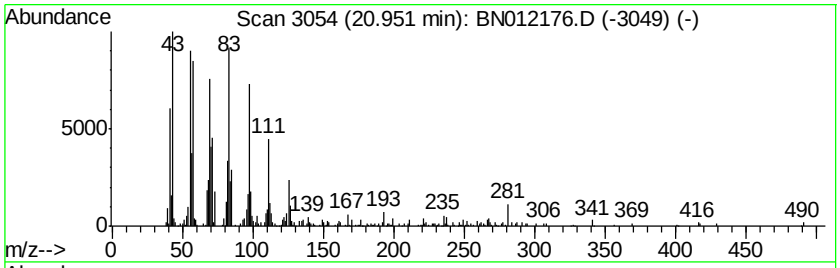
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

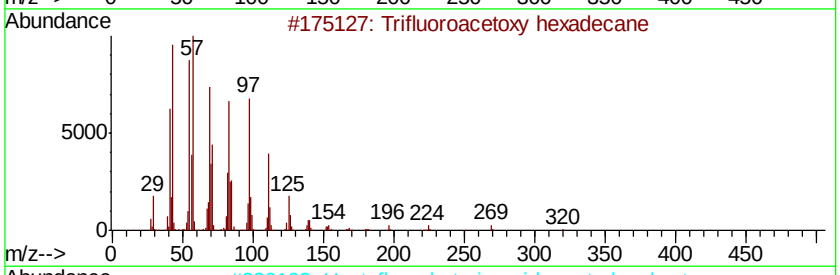
****

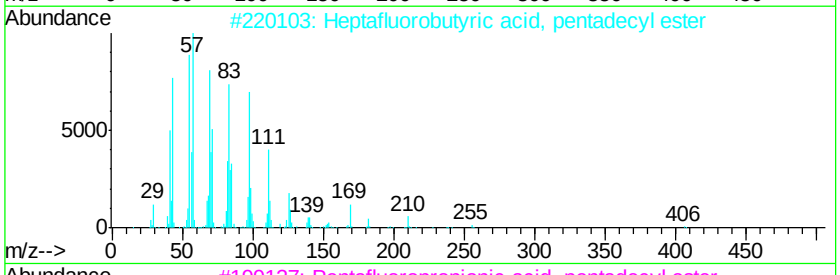
Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 3

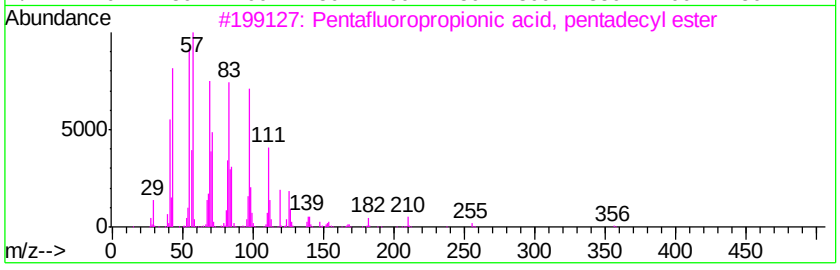
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.44 ng/ul	563529	Chrysene-d12	21.22

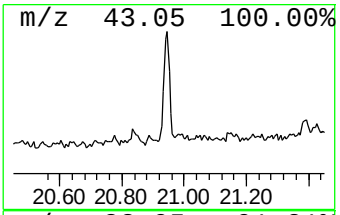
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94

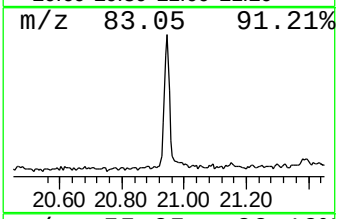


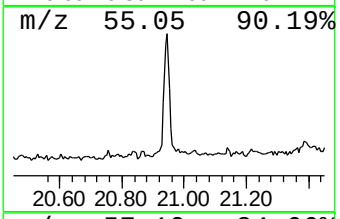


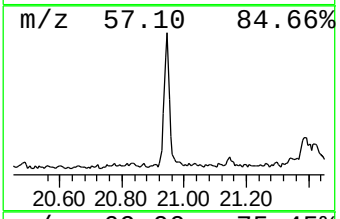


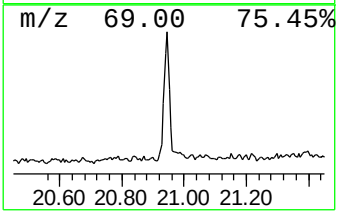












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101320\
Data File : BN012176.D
Acq On : 14 Oct 2020 00:51
Operator : CG/JU
Sample : L4359-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.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
Toluene	3.88	2.2	ng/ul	214327	1	7.63	1948880	20.0
1,3-Oxathiolane	4.32	4.9	ng/ul	478055	1	7.63	1948880	20.0
Benzenamine, 3-me...	8.60	7.6	ng/ul	744509	1	7.63	1948880	20.0
unknown-01	9.95	2.2	ng/ul	305834	2	10.40	2733280	20.0
Trifluoroacetoxy ...	20.95	2.4	ng/ul	563529	5	21.22	4613060	20.0