LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012167.D
Acq On : 13 Oct 2020 19:24
Operator : CG/JU
Sample : L4359-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N3

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	76676	91874	1.51%	0.133%
2	3.199	33	36	46	rVB	512129	651210	10.69%	0.940%
3	3.887	148	153	157	rBV	41720	53859	0.88%	0.078%
4	3.958	161	165	169	rVV	42398	51249	0.84%	0.074%
5	4.317	221	226	236	rBV	210205	310714	5.10%	0.449%
6	5.599	440	444	449	rVB4	23000	35668	0.59%	0.051%
7	5.934	494	501	506	rBV	26171	40397	0.66%	0.058%
8	6.599	611	614	617	rBV4	13843	21057	0.35%	0.030%
9	6.811	643	650	662	rBV2	216922	449379	7.37%	0.649%
10	6.975	671	678	686	rBV	606584	963357	15.81%	1.391%
11	7.105	696	700	704	rVV7	15585	27720	0.45%	0.040%
12	7.163	704	710	719	rVV	744791	1195947	19.63%	1.727%
13	7.263	722	727	732	rVV2	23631	43845	0.72%	0.063%
14	7.628	783	789	796	rVV	1099055	1707716	28.02%	2.465%
15	7.705	798	802	810	rVV2	72189	127926	2.10%	0.185%
16	7.858	823	828	831	rBV6	8929	15232	0.25%	0.022%
17	8.334	902	909	916	rVV	625583	982331	16.12%	1.418%
18	8.405	920	921	928	rVB4	13414	19485	0.32%	0.028%
19	8.522	935	941	946	rBV6	20599	34778	0.57%	0.050%
20	8.605	950	955	965	rBV	152363	287297	4.71%	0.415%
21	8.728	971	976	978	rVV3	12777	15083	0.25%	0.022%
22	8.775	978	984	995	rVV	783640	1308910	21.48%	1.890%
23	8.863	995	999	1006	rVB2	48232	76690	1.26%	0.111%
24	8.987	1011	1020	1021	rBV7	13305	23378	0.38%	0.034%
25	9.128	1039	1044	1051	rBV9	23851	43125	0.71%	0.062%
26	9.228	1051	1061	1068	rVB	109794	193337	3.17%	0.279%
27	9.322	1072	1077	1080	rBV6	18032	27879	0.46%	0.040%
28	9.363	1080	1084	1089	rVB6	15617	25432	0.42%	0.037%
29	9.416	1089	1093	1099	rBV8	17906	33317	0.55%	0.048%
30	9.493	1099	1106	1113	rBV	698207	1128650	18.52%	1.629%
31	9.628	1119	1129	1133	rBV4	47657	92866	1.52%	0.134%
32	9.681	1134	1138	1142	rVB3	23924	36592	0.60%	0.053%
33	9.822	1157	1162	1169	rVB2	86991	151173	2.48%	0.218%
34	9.957	1177	1185	1190	rVB3	122321	261438	4.29%	0.377%

LSC Area Percent Report

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Sample : L4359-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N3

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	1206	rBV	1107500	1831789	30.06%	2.644%
36	10.099	1206	1209	1214	rVB7	23109	36347	0.60%	0.052%
37	10.187	1217	1224	1228	rBV9	20815	51970	0.85%	0.075%
38	10.310	1237	1245	1248	rBV5	15761	32804	0.54%	0.047%
39	10.357	1248	1253	1254	rVV	60298	84599	1.39%	0.122%
40	10.404	1254	1261	1269	rVB	1489225	2437104	39.99%	3.518%
41	10.546	1277	1285	1298	rBV	975070	1770767	29.06%	2.556%
42	10.663	1300	1305	1312	rVV	34723	73197	1.20%	0.106%
43	10.757	1319	1321	1329	rVB7	12709	16983	0.28%	0.025%
44	10.828	1329	1333	1340	rBV9	20593	43661	0.72%	0.063%
45	10.957	1351	1355	1357	rBV5	13991	16905	0.28%	0.024%
46	11.222	1392	1400	1401	rBV8	25433	50949	0.84%	0.074%
47	11.246	1401	1404	1409	rVB2	42109	63886	1.05%	0.092%
48	11.316	1411	1416	1420	rBV7	16259	30143	0.49%	0.044%
49	11.369	1421	1425	1432	rVB7	37544	73149	1.20%	0.106%
50	11.434	1432	1436	1439	rBV6	15783	29032	0.48%	0.042%
51	11.610	1462	1466	1471	rVB3	28721	41022	0.67%	0.059%
52	11.663	1471	1475	1480	rBV7	14182	23635	0.39%	0.034%
53	11.857	1505	1508	1513	rVB6	12656	21332	0.35%	0.031%
54	11.951	1518	1524	1525	rBV6	14507	22207	0.36%	0.032%
55	11.987	1525	1530	1534	rVV6	32365	60957	1.00%	0.088%
56	12.051	1536	1541	1550	rBV2	53695	111650	1.83%	0.161%
57	12.357	1586	1593	1598	rBV9	17532	40200	0.66%	0.058%
58	12.640	1636	1641	1648	rVB8	32704	55513	0.91%	0.080%
59	12.810	1662	1670	1671	rBV7	16353	26879	0.44%	0.039%
60	12.975	1694	1698	1703	rBV7	19476	34659	0.57%	0.050%
61	13.181	1729	1733	1737	rBV7	11748	20973	0.34%	0.030%
62	13.316	1751	1756	1761	rBV4	48482	77679	1.27%	0.112%
63	13.487	1781	1785	1786	rBV4	11606	15378	0.25%	0.022%
64	13.687	1813	1819	1824	rBV	2140083	2880875	47.28%	4.159%
65	13.734	1824	1827	1832	rVB	192742	250110	4.10%	0.361%
66	13.957	1859	1865	1872	rBV	2196324	3279074	53.81%	4.734%
67	14.075	1881	1885	1891	rVB2	86606	125420	2.06%	0.181%
68	14.198	1901	1906	1911	rVB2	171290	251245	4.12%	0.363%
69	14.269	1912	1918	1929	rVB	2211447	3303747	54.21%	4.769%
70	14.357	1931	1933	1937	rBV5	13515	20424	0.34%	0.029%
71	14.481	1948	1954	1961	rBV	149460	276569	4.54%	0.399%

LSC Area Percent Report

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Sample : L4359-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N3

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

72	14.698	1989	1991	1995	rVB5	17396	19591	0.32%	0.028%
73	14.875	2019	2021	2026	rVB5	29793	30408	0.50%	0.044%
74	15.034	2044	2048	2051	rBV2	51272	65377	1.07%	0.094%
75	15.269	2082	2088	2094	rBV	2994449	4067334	66.75%	5.872%
76	15.387	2103	2108	2114	rBV	718383	990919	16.26%	1.431%
77	15.510	2125	2129	2142	rVB5	55279	139691	2.29%	0.202%
78	15.610	2142	2146	2150	rBV7	25237	35553	0.58%	0.051%
79	15.734	2162	2167	2170	rBV7	22932	35958	0.59%	0.052%
80	15.787	2172	2176	2181	rVV8	36324	58293	0.96%	0.084%
81	15.939	2198	2202	2209	rVB2	52511	72277	1.19%	0.104%
82	16.045	2218	2220	2229	rVB9	18510	22140	0.36%	0.032%
83	16.351	2268	2272	2277	rVB2	54733	72328	1.19%	0.104%
84	16.528	2299	2302	2306	rBV	40656	49064	0.81%	0.071%
85	16.569	2306	2309	2311	rBV	53988	59603	0.98%	0.086%
86	16.604	2311	2315	2320	rVB3	169069	222858	3.66%	0.322%
87	16.910	2365	2367	2370	rVB4	27830	24012	0.39%	0.035%
88	17.022	2380	2386	2392	rBV	2811578	3903163	64.05%	5.635%
89	17.116	2396	2402	2413	rVV	3265118	4704782	77.21%	6.792%
90	17.810	2515	2520	2526	rBV2	238591	380526	6.24%	0.549%
91	17.857	2526	2528	2533	rVB4	47909	59941	0.98%	0.087%
92	17.928	2535	2540	2555	rBV	1248867	1826418	29.97%	2.637%
93	18.704	2668	2672	2676	rBV2	210534	262670	4.31%	0.379%
94	19.216	2756	2759	2771	rBV	324154	466456	7.65%	0.673%
95	19.422	2789	2794	2801	rBV2	4317610	5632415	92.43%	8.131%
96	19.951	2882	2884	2887	rBV5	64794	75980	1.25%	0.110%
97	20.945	3049	3053	3063	rBV	2212099	2620590	43.00%	3.783%
98	21.222	3096	3100	3108	rBV	3729256	4631400	76.00%	6.686%
99	23.286	3444	3451	3464	rVB	3156928	6093795	100.00%	8.797%
100	23.421	3468	3474	3481	rVB2	2507349	4533317	74.39%	6.545%

Sum of corrected areas: 69268603

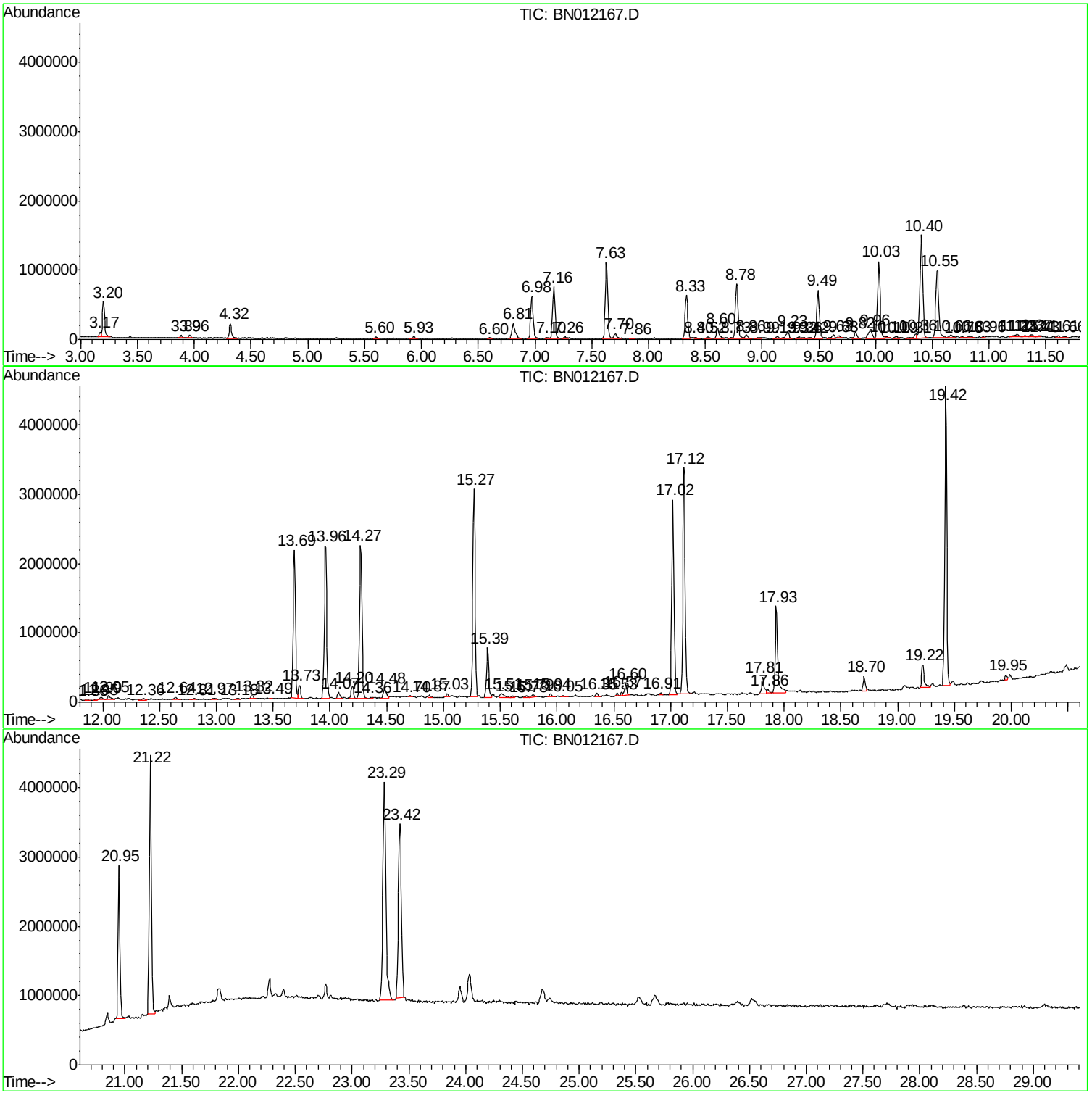
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012167.D
Acq On : 13 Oct 2020 19:24
Operator : CG/JU
Sample : L4359-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N3

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

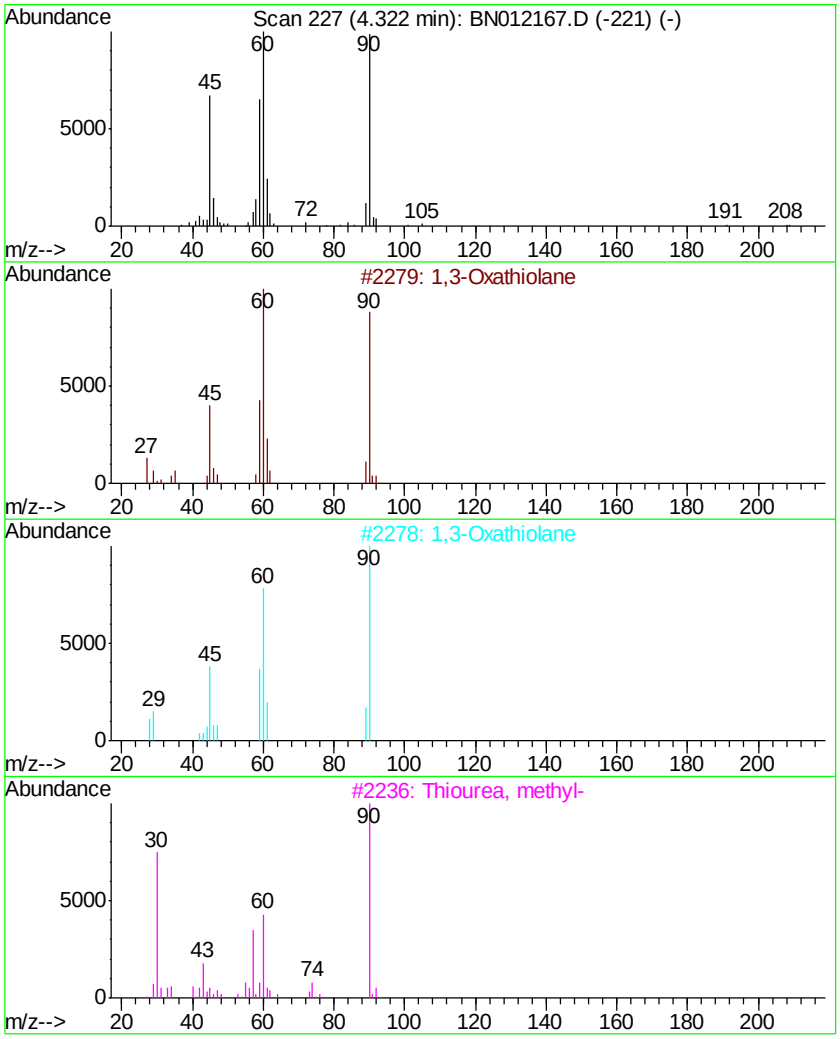
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

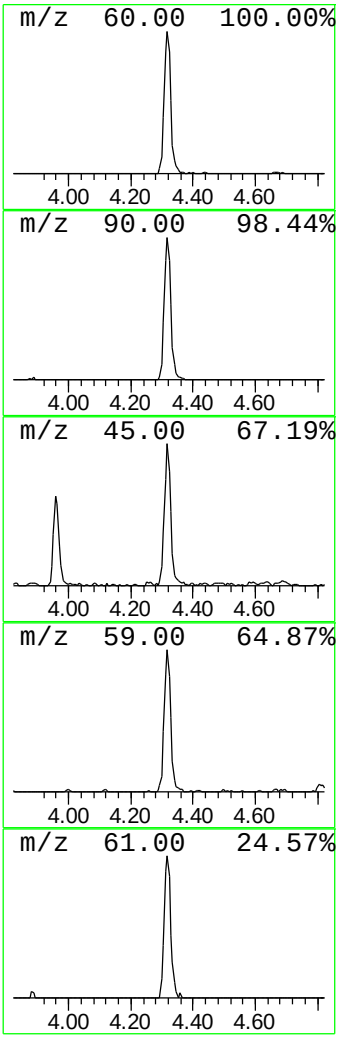
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	3.64 ng/ul	310714	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	56
3	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
5	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012167.D
Acq On : 13 Oct 2020 19:24
Operator : CG/JU
Sample : L4359-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N3

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

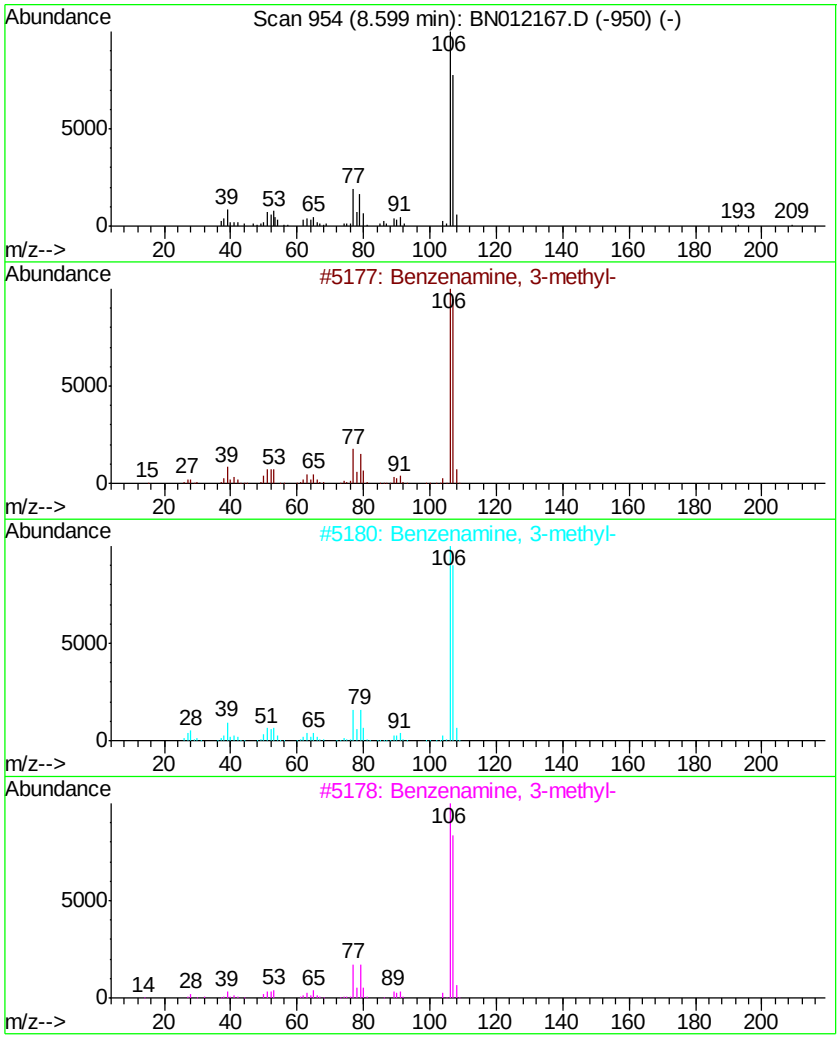
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

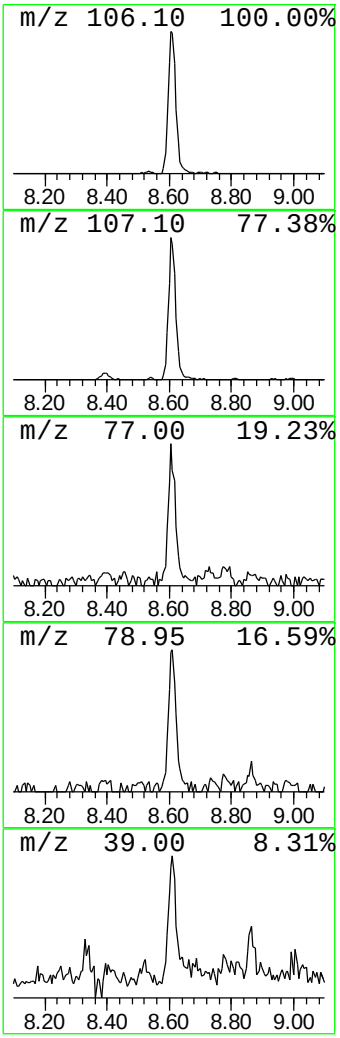
****

Peak Number 2 Benzenamine, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	3.36 ng/ul	287297	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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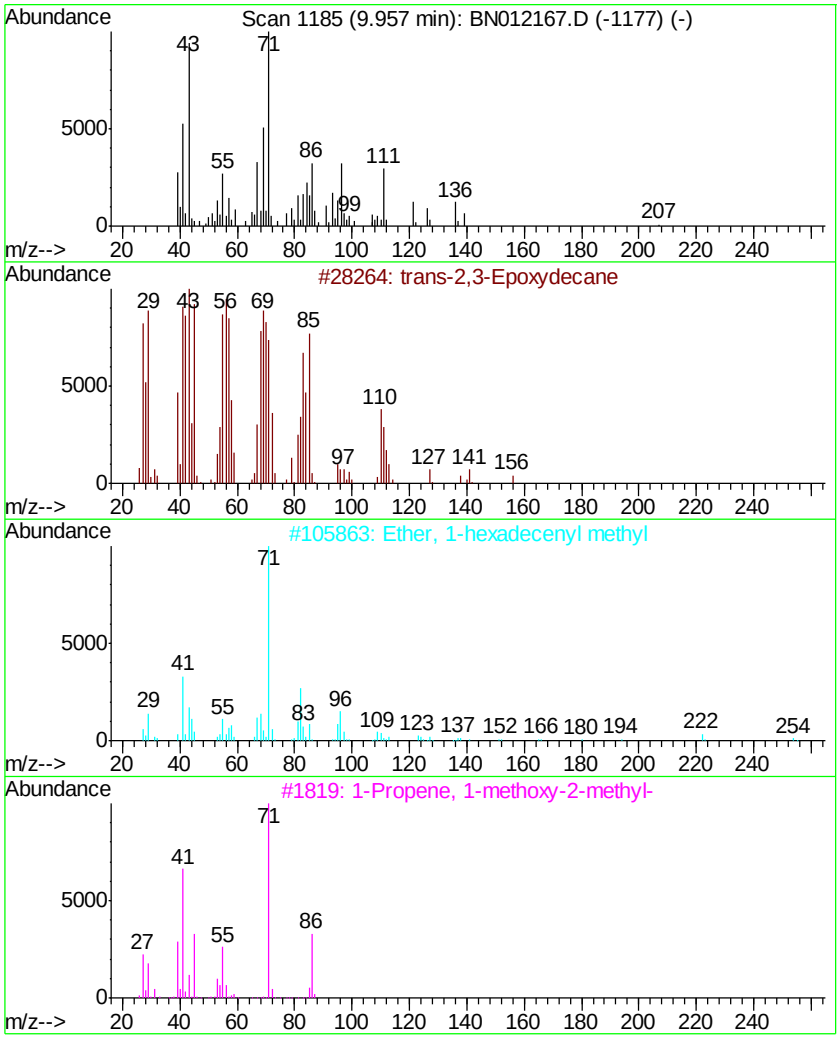
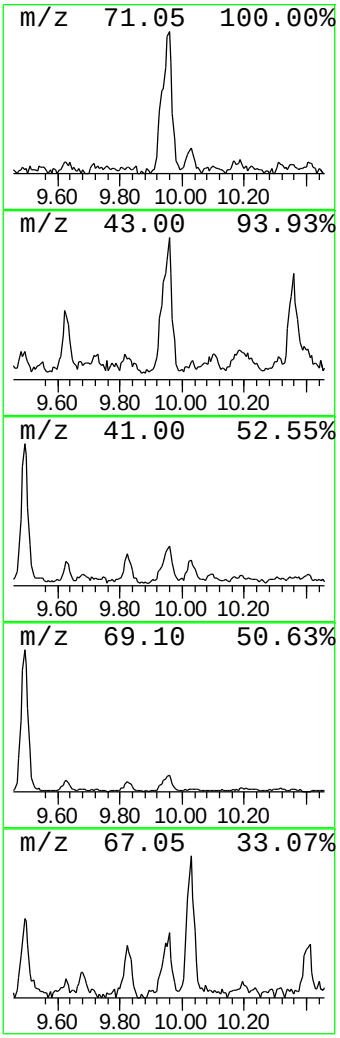
Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	2.15 ng/ul	261438	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	47
2	Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	43
3	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	38
4	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	38
5	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	38





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Quant Title : SVOA CALIBRATION

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

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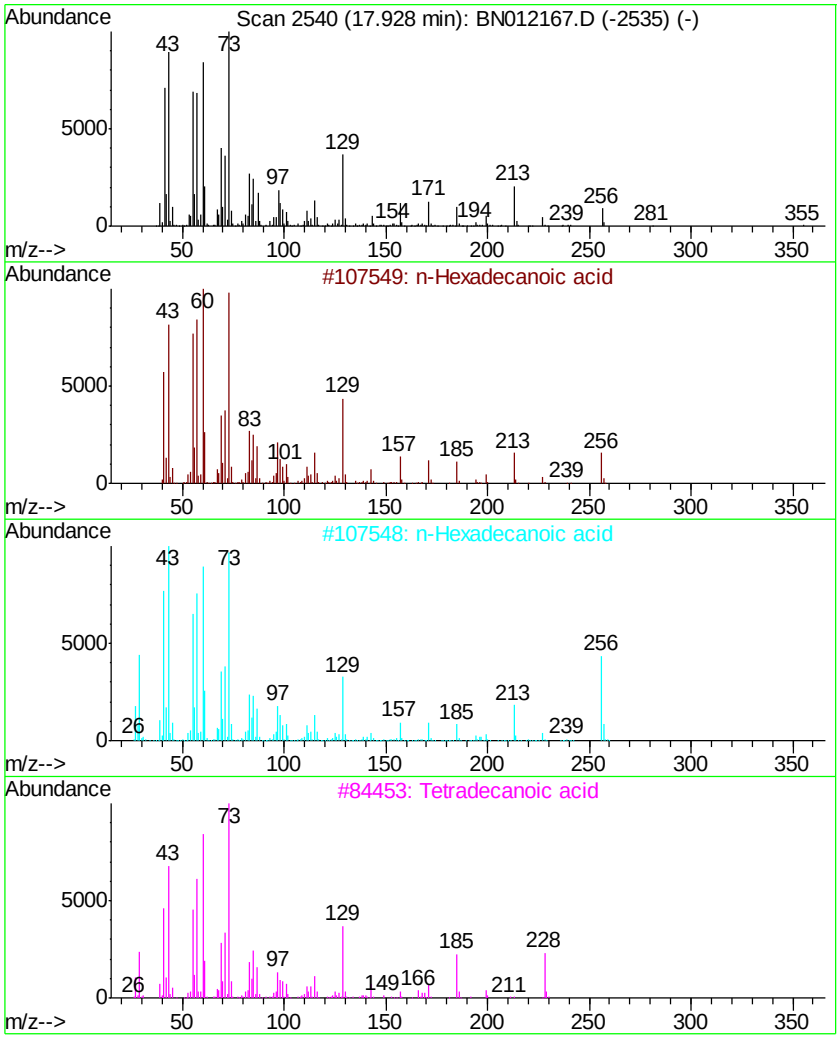
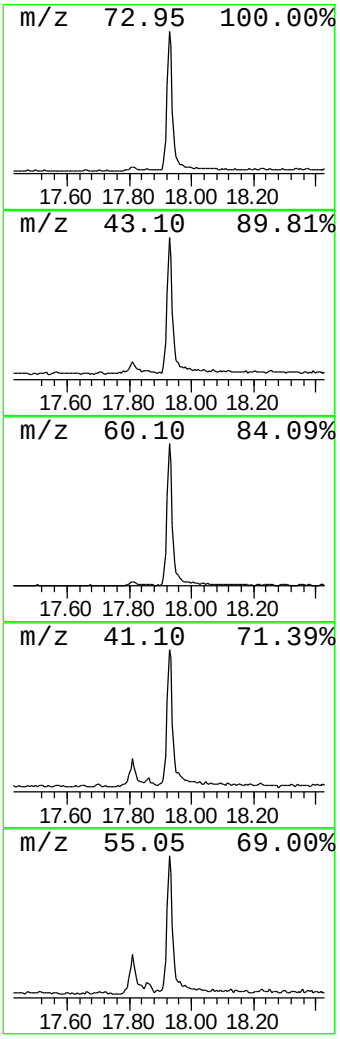
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	9.36 ng/ul	1826420	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N3

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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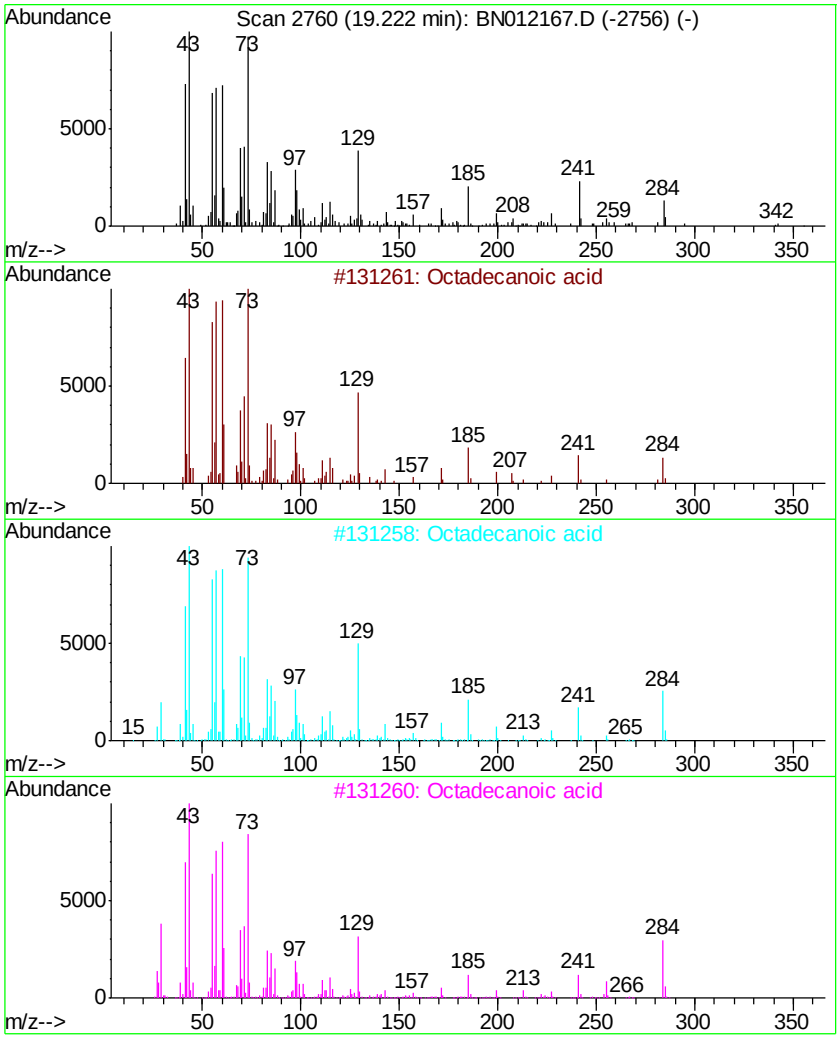
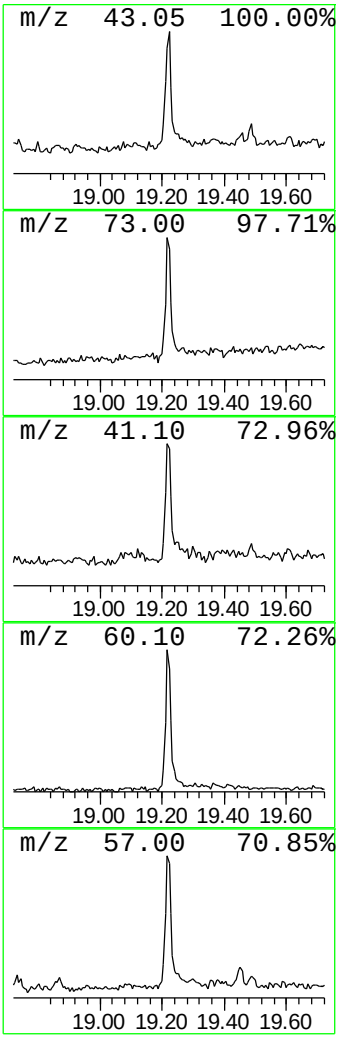
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.01 ng/ul	466456	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012167.D
Acq On : 13 Oct 2020 19:24
Operator : CG/JU
Sample : L4359-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N3

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

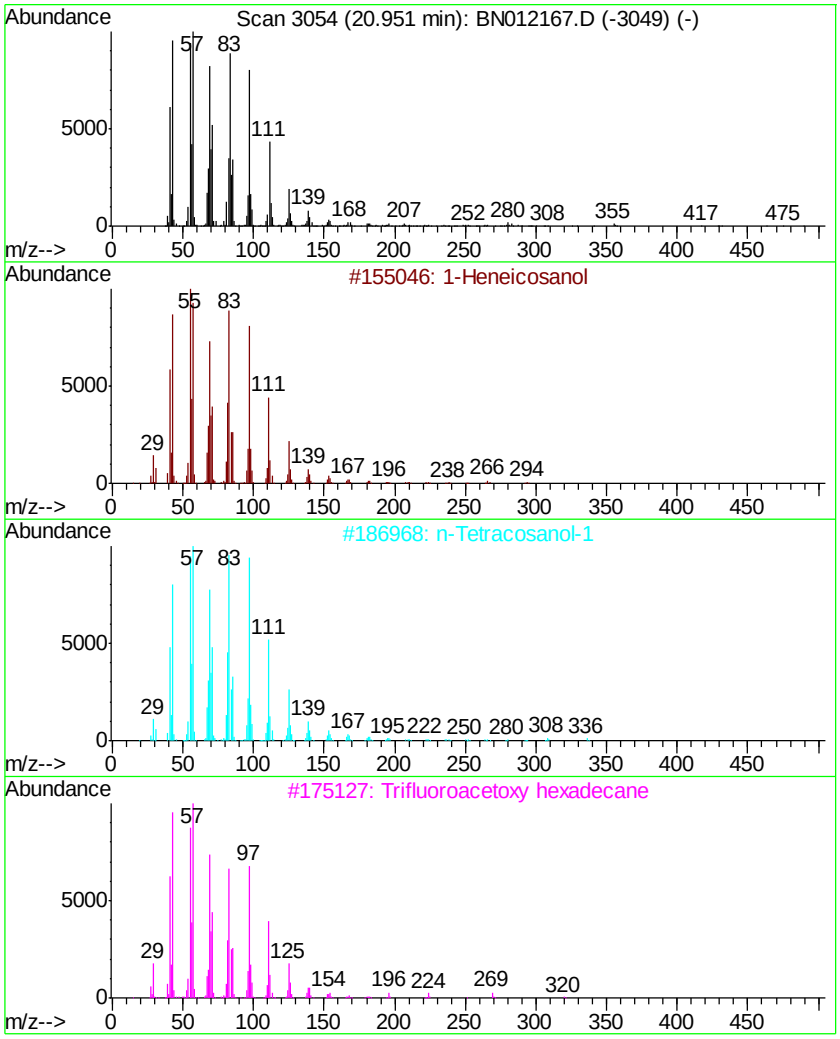
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

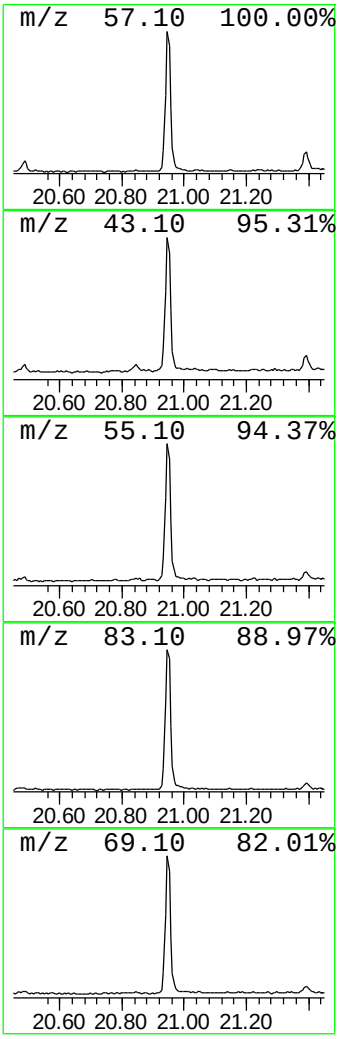
****

Peak Number 6 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	11.32 ng/ul	2620590	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101320\
Data File : BN012167.D
Acq On : 13 Oct 2020 19:24
Operator : CG/JU
Sample : L4359-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7N3

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
1,3-Oxathiolane	4.32	3.6	ng/ul	310714	1	7.63	1707720	20.0
Benzenamine, 3-me...	8.60	3.4	ng/ul	287297	1	7.63	1707720	20.0
unknown-01	9.96	2.1	ng/ul	261438	2	10.40	2437100	20.0
n-Hexadecanoic acid	17.93	9.4	ng/ul	1826420	4	17.02	3903160	20.0
Octadecanoic acid	19.22	2.0	ng/ul	466456	5	21.22	4631400	20.0
1-Heneicosanol	20.95	11.3	ng/ul	2620590	5	21.22	4631400	20.0