LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

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-BG120720MA.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	3.534	31	33	38	rVB3	4670	6469	0.55%	0.053%
2	3.698	58	61	64	rVB3	2807	3057	0.26%	0.025%
3	4.433	183	186	190	rVV	2617	2754	0.23%	0.022%
4	5.484	357	365	372	rBV	52086	89854	7.61%	0.734%
5	6.407	518	522	524	rBV	1882	2693	0.23%	0.022%
6	7.347	675	682	691	rBV6	25870	58498	4.96%	0.478%
7	7.529	706	713	721	rVB	66754	111883	9.48%	0.913%
8	7.741	740	749	756	rBV3	95727	173798	14.72%	1.419%
9	7.929	776	781	784	rBV2	1845	3107	0.26%	0.025%
10	8.105	804	811	817	rBV3	13452	24649	2.09%	0.201%
11	8.217	822	830	833	rVV	100552	173718	14.72%	1.418%
12	8.252	833	836	844	rVB2	105167	163686	13.87%	1.336%
13	8.575	883	891	899	rBV	397300	689307	58.40%	5.627%
14	8.910	942	948	955	rVB3	70672	122954	10.42%	1.004%
15	9.386	1021	1029	1031	rBV	105450	190465	16.14%	1.555%
16	9.427	1031	1036	1044	rVV2	302335	542696	45.98%	4.430%
17	9.527	1047	1053	1056	rBV2	2031	4262	0.36%	0.035%
18	9.785	1092	1097	1102	rBV2	7727	12827	1.09%	0.105%
19	9.838	1102	1106	1110	rVB2	3026	3675	0.31%	0.030%
20	10.108	1145	1152	1161	rBV	110970	211359	17.91%	1.725%
21	10.649	1236	1244	1252	rBV2	139690	259084	21.95%	2.115%
22	10.720	1254	1256	1260	rVB2	2104	2610	0.22%	0.021%
23	10.902	1279	1287	1297	rBV3	176435	335439	28.42%	2.738%
24	11.043	1304	1311	1318	rBV	110132	199812	16.93%	1.631%
25	11.166	1327	1332	1339	rVB2	10764	16787	1.42%	0.137%
26	11.425	1366	1376	1382	rBV2	113668	208353	17.65%	1.701%
27	11.636	1405	1412	1422	rVB	217492	406536	34.44%	3.319%
28	11.842	1439	1447	1453	rBV2	62629	113948	9.65%	0.930%
29	12.277	1517	1521	1523	rBV	2202	3150	0.27%	0.026%
30	12.312	1523	1527	1533	rVV5	16633	24459	2.07%	0.200%
31	12.606	1574	1577	1581	rVV2	2611	3676	0.31%	0.030%
32	12.982	1633	1641	1648	rBV4	19289	37869	3.21%	0.309%
33	13.040	1648	1651	1657	rVB2	10129	12674	1.07%	0.103%
34	13.258	1686	1688	1689	rBV	3146	2886	0.24%	0.024%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

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-BG120720MA.M
Title : SVOA CALIBRATION

35	13.269	1689	1690	1696	rVB	4683	4728	0.40%	0.039%
36	13.411	1709	1714	1719	rVV2	11417	16266	1.38%	0.133%
37	13.522	1729	1733	1737	rBV2	1647	3132	0.27%	0.026%
38	13.640	1748	1753	1760	rVB2	77746	124127	10.52%	1.013%
39	13.745	1767	1771	1773	rVB2	4059	4514	0.38%	0.037%
40	13.798	1775	1780	1782	rBV2	6226	10178	0.86%	0.083%
41	13.839	1782	1787	1794	rVB3	16168	27707	2.35%	0.226%
42	14.227	1846	1853	1858	rBV	357509	531563	45.03%	4.339%
43	14.274	1859	1861	1869	rVB3	18801	31111	2.64%	0.254%
44	14.468	1892	1894	1897	rVB3	2911	2678	0.23%	0.022%
45	14.533	1897	1905	1911	rBV	309944	478901	40.57%	3.910%
46	14.832	1949	1956	1965	rBV2	197166	320088	27.12%	2.613%
47	15.003	1978	1985	1996	rBV2	48612	91299	7.73%	0.745%
48	15.091	1998	2000	2003	rVV2	4942	5641	0.48%	0.046%
49	15.161	2006	2012	2015	rVB2	2327	4464	0.38%	0.036%
50	15.308	2033	2037	2044	rBV2	10376	15469	1.31%	0.126%
51	15.549	2075	2078	2082	rBV2	8077	9875	0.84%	0.081%
52	15.819	2118	2124	2132	rBV	442816	648749	54.96%	5.296%
53	15.925	2135	2142	2152	rBV	228655	341402	28.92%	2.787%
54	16.019	2155	2158	2161	rVV	1798	2709	0.23%	0.022%
55	16.060	2161	2165	2166	rVV3	5046	6229	0.53%	0.051%
56	16.166	2178	2183	2184	rBV3	2783	3368	0.29%	0.027%
57	16.383	2215	2220	2223	rBV2	3918	7516	0.64%	0.061%
58	16.595	2255	2256	2261	rVB2	5640	6664	0.56%	0.054%
59	16.783	2283	2288	2294	rVV4	13638	20950	1.77%	0.171%
60	16.953	2315	2317	2323	rVB2	3685	4296	0.36%	0.035%
61	17.112	2340	2344	2348	rBV2	6784	8285	0.70%	0.068%
62	17.294	2373	2375	2380	rBV	2718	4122	0.35%	0.034%
63	17.347	2382	2384	2386	rBV3	3656	3712	0.31%	0.030%
64	17.570	2415	2422	2431	rVB	299693	457928	38.79%	3.738%
65	17.670	2431	2439	2448	rBV2	600195	901169	76.34%	7.357%
66	17.764	2451	2455	2458	rBV3	3554	4873	0.41%	0.040%
67	17.905	2477	2479	2480	rBV3	3704	2997	0.25%	0.024%
68	18.052	2502	2504	2510	rVB	2290	3112	0.26%	0.025%
69	18.181	2524	2526	2530	rVB3	6586	6425	0.54%	0.052%
70	18.287	2539	2544	2546	rBV2	3393	5151	0.44%	0.042%
71	18.499	2575	2580	2581	rBV2	2525	3649	0.31%	0.030%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

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-BG120720MA.M
Title : SVOA CALIBRATION

72	18.522	2581	2584	2591	rVB6	7754	12503	1.06%	0.102%
73	18.928	2644	2653	2660	rVV2	277392	410203	34.75%	3.349%
74	19.010	2660	2667	2670	rBV2	3472	6473	0.55%	0.053%
75	19.051	2670	2674	2678	rBV7	13134	17581	1.49%	0.144%
76	19.221	2698	2703	2704	rBV3	7761	7823	0.66%	0.064%
77	19.251	2704	2708	2712	rVV5	12613	18199	1.54%	0.149%
78	19.286	2712	2714	2715	rVV	5223	2988	0.25%	0.024%
79	19.304	2715	2717	2720	rVB4	5193	6397	0.54%	0.052%
80	19.333	2720	2722	2725	rBV2	2213	3138	0.27%	0.026%
81	19.374	2725	2729	2732	rVB3	7355	8790	0.74%	0.072%
82	19.550	2757	2759	2760	rVV	4307	2679	0.23%	0.022%
83	19.574	2760	2763	2767	rVV3	9821	13324	1.13%	0.109%
84	19.656	2775	2777	2779	rBV2	3584	2856	0.24%	0.023%
85	19.827	2802	2806	2812	rVB4	7072	14433	1.22%	0.118%
86	19.938	2819	2825	2832	rBV	819264	1180409	100.00%	9.636%
87	20.156	2860	2862	2863	rBV	3966	2618	0.22%	0.021%
88	20.326	2889	2891	2892	rBV2	4301	2680	0.23%	0.022%
89	20.402	2902	2904	2905	rVB2	5370	2852	0.24%	0.023%
90	20.426	2905	2908	2910	rBV4	9269	12948	1.10%	0.106%
91	20.743	2958	2962	2965	rBV6	7130	12202	1.03%	0.100%
92	21.460	3080	3084	3093	rBV10	42371	78922	6.69%	0.644%
93	21.848	3144	3150	3157	rVB2	300973	500639	42.41%	4.087%
94	23.387	3408	3412	3414	rBV5	10181	16363	1.39%	0.134%
95	24.979	3672	3683	3693	rVB2	365419	1046708	88.67%	8.545%
96	25.208	3715	3722	3735	rVB	175782	502225	42.55%	4.100%
97	25.338	3742	3744	3745	rBV2	7564	4636	0.39%	0.038%
98	28.687	4312	4314	4317	rBV4	6179	6669	0.56%	0.054%
99	30.726	4659	4661	4662	rBV2	7654	4821	0.41%	0.039%
100	31.431	4779	4781	4782	rBV2	6974	3488	0.30%	0.028%

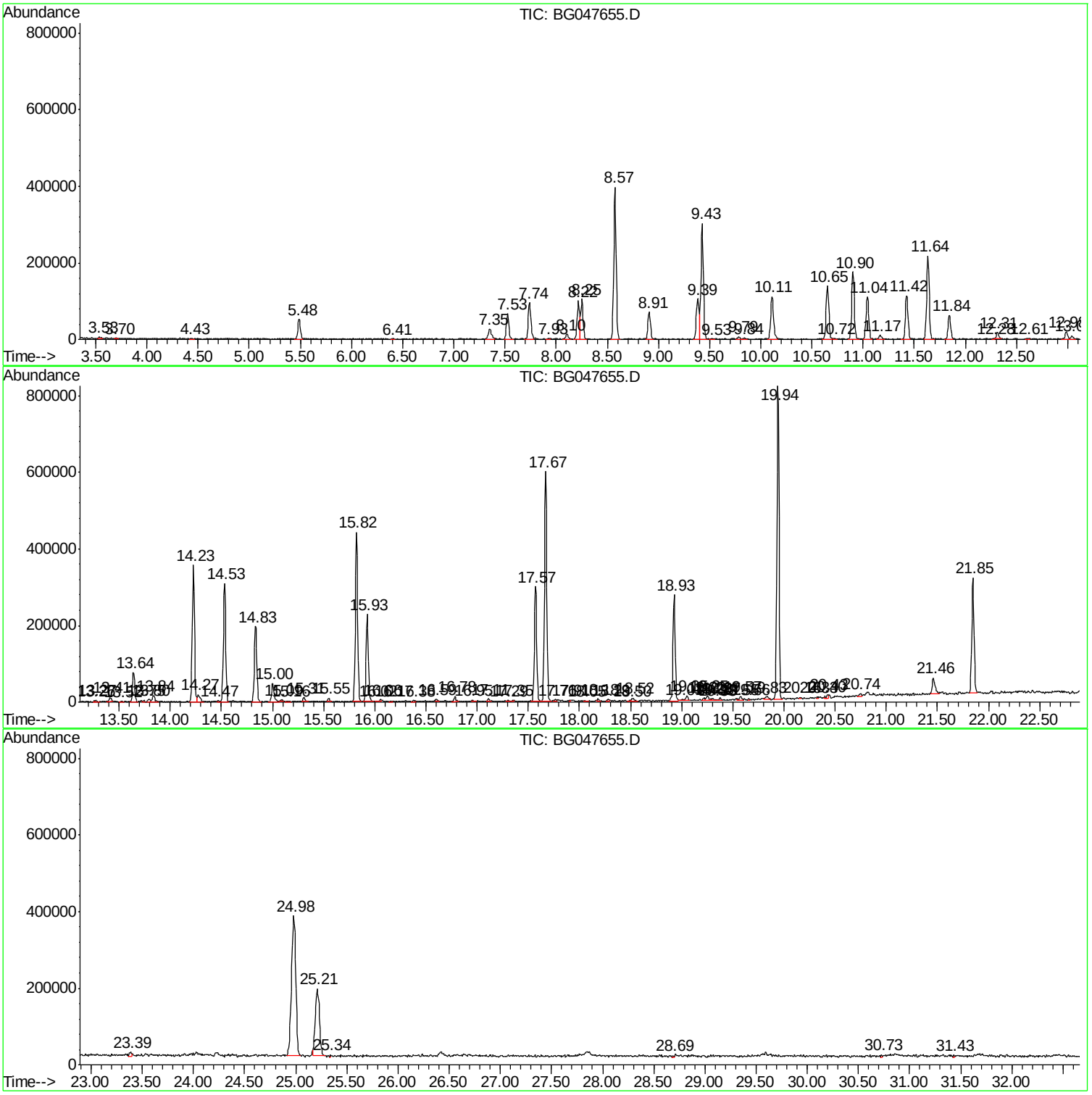
Sum of corrected areas: 12249608

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0FT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

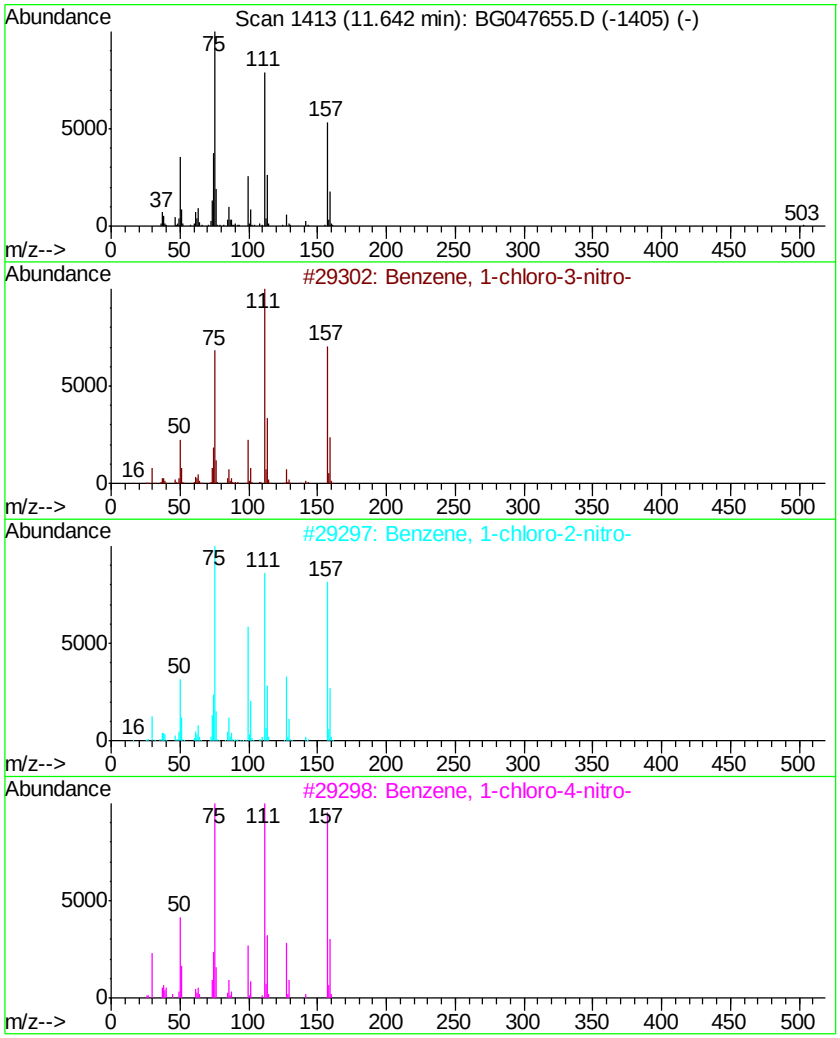
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

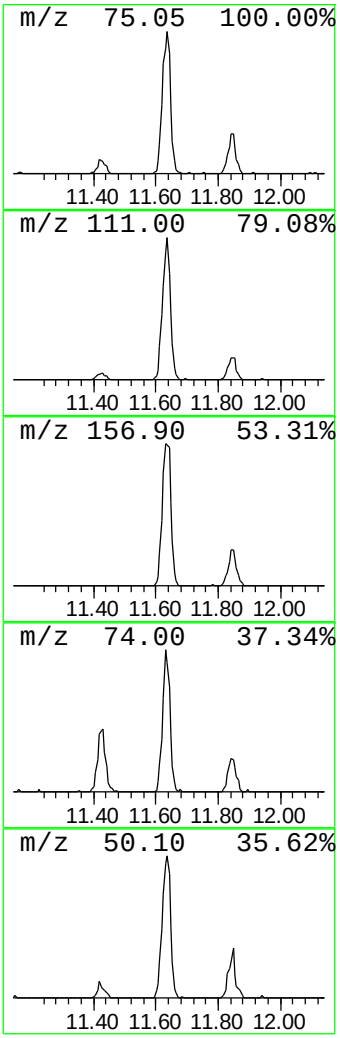
****

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	40.69 ng/ul	406536	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	91
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

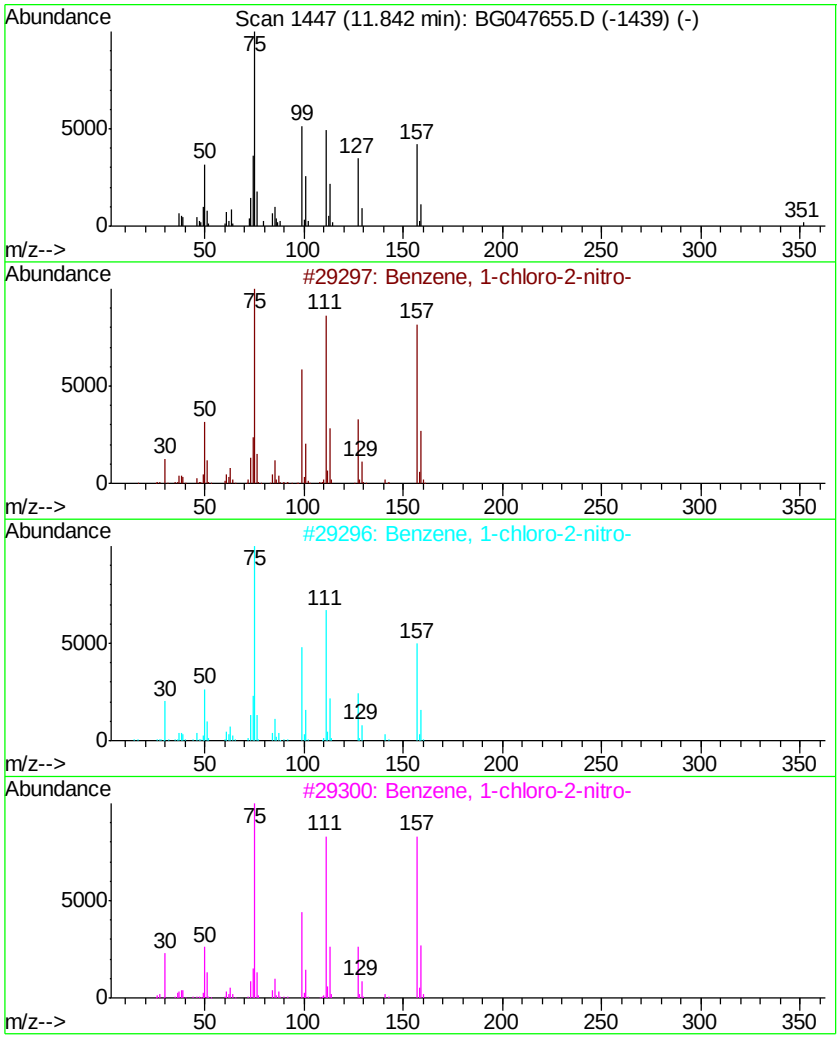
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

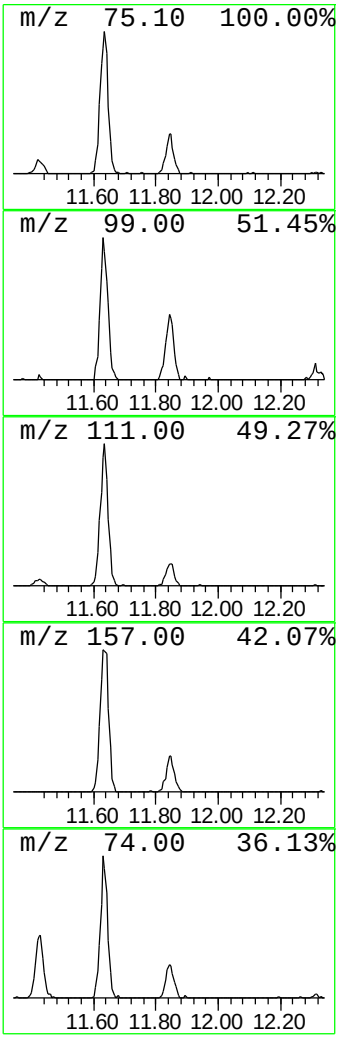
****

Peak Number 7 Benzene, 1-chloro-2-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	11.41 ng/ul	113948	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	87
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	76
4	5-Hexen-1-ol, tert-butyldimethyl...	214	C12H26OSi	1000352-73-5	47
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

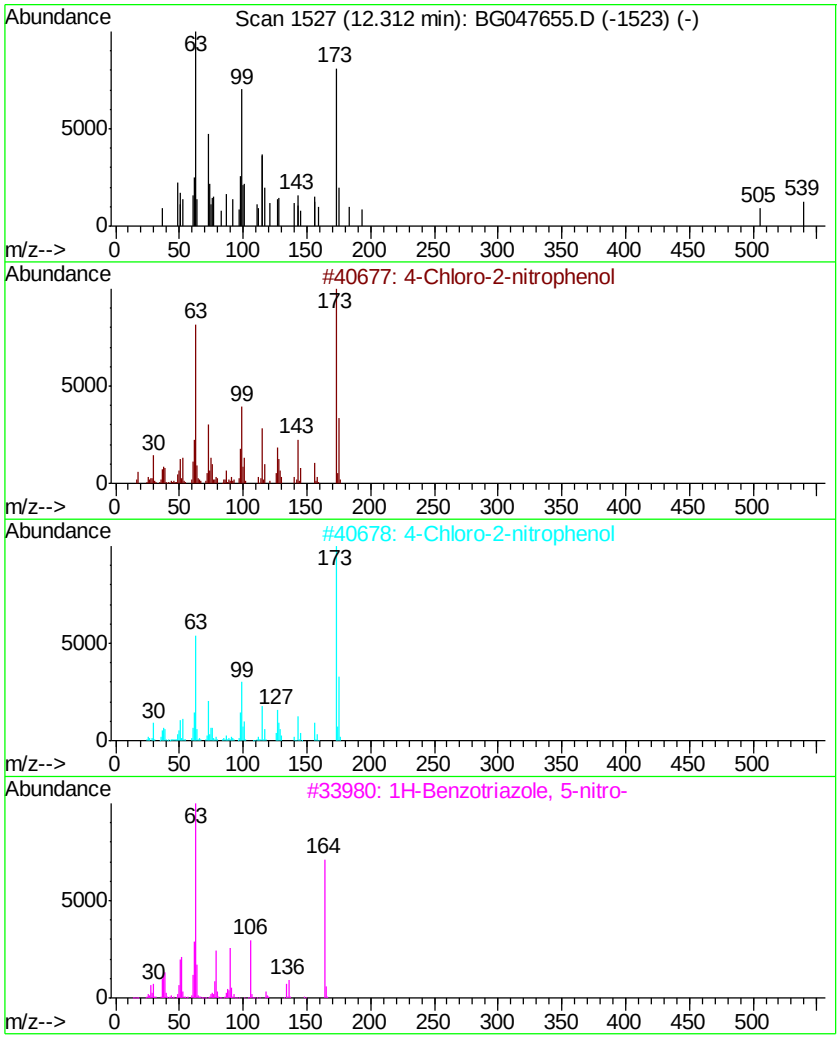
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

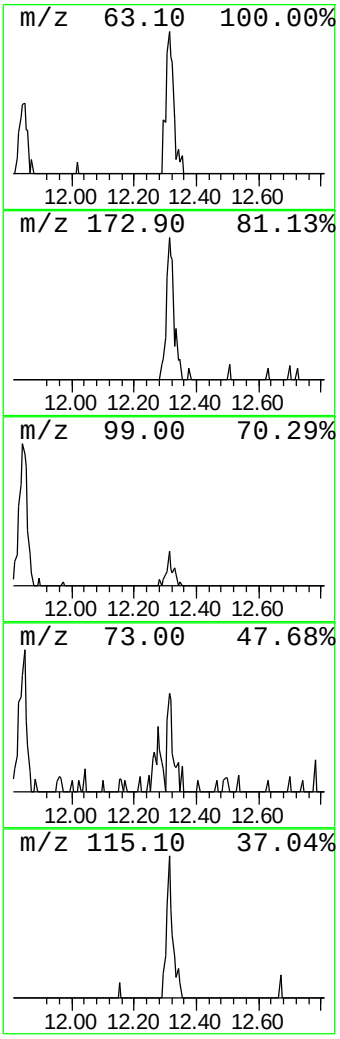
****

Peak Number 8 4-Chloro-2-nitrophenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	2.45 ng/ul	24459	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	86
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	70
3	1H-Benzotriazole, 5-nitro-	164	C6H4N4O2	002338-12-7	43
4	Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	43
5	4-Chloro-3-nitrophenol	173	C6H4ClNO3	000610-78-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

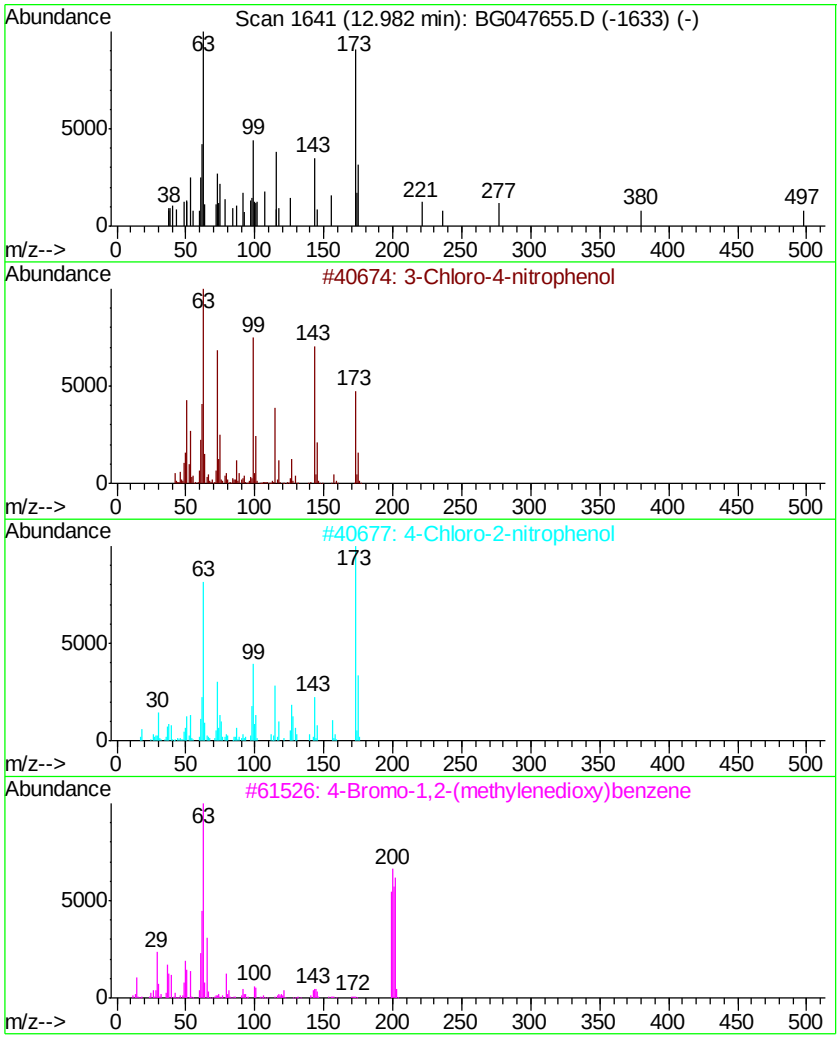
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

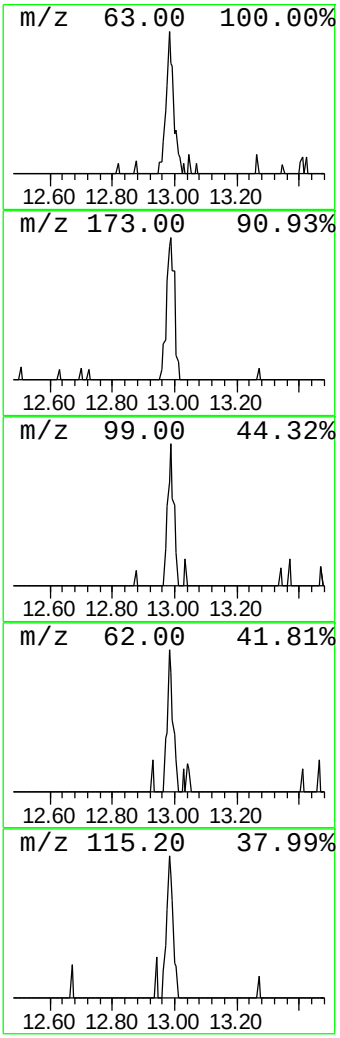
****

Peak Number 9 3-Chloro-4-nitrophenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	2.37 ng/ul	37869	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	93
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	76
3	4-Bromo-1,2-(methylenedioxy)benzene	200	C7H5BrO2	002635-13-4	53
4	Propane, 1,1,2-trichloro-	146	C3H5Cl3	000598-77-6	53
5	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

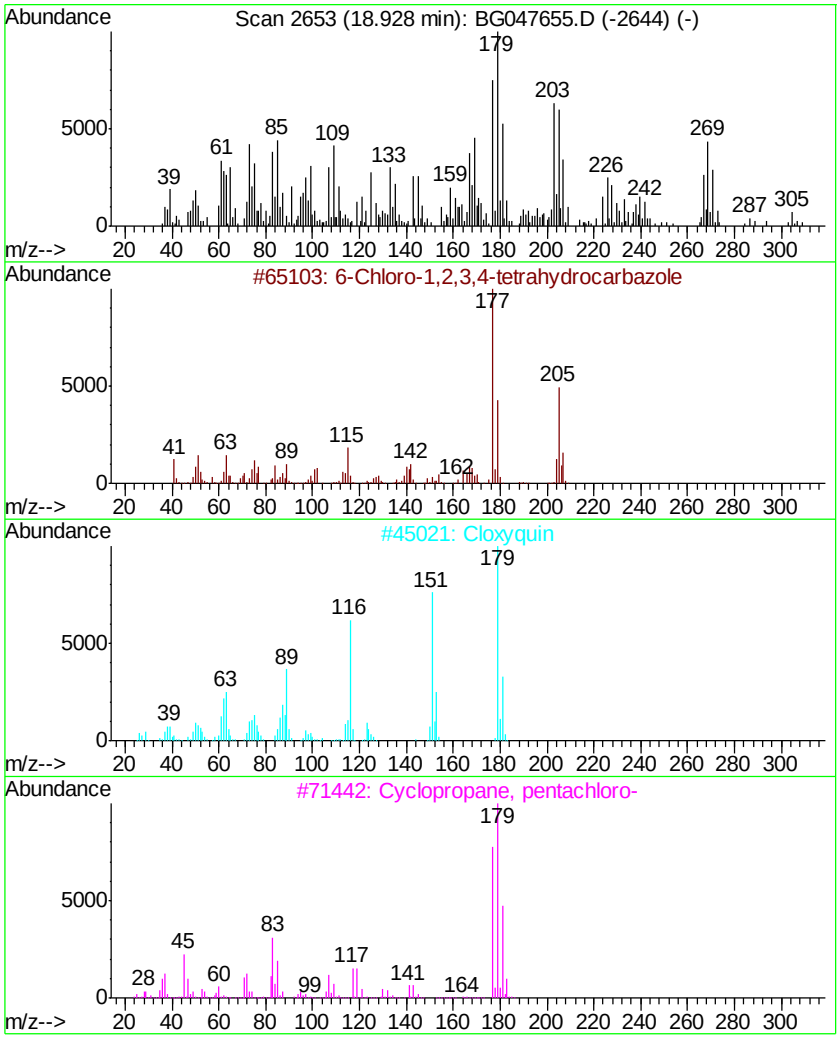
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

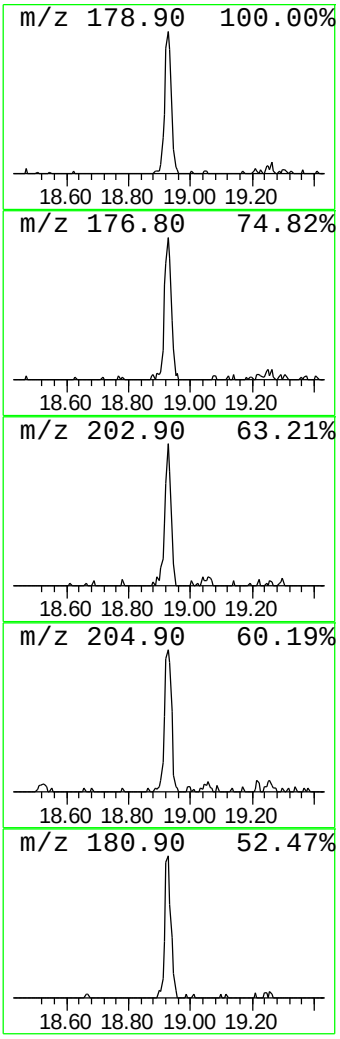
****

Peak Number 10 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	17.92 ng/ul	410203	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
2	Cloxyquin	179	C9H6ClNO	000130-16-5	22
3	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	12
4	Phenol, 2,6-dichloro-4-nitro-	207	C6H3Cl2NO3	000618-80-4	11
5	Benzothiazole, 2,6-dichloro-	203	C7H3Cl2NS	003622-23-9	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

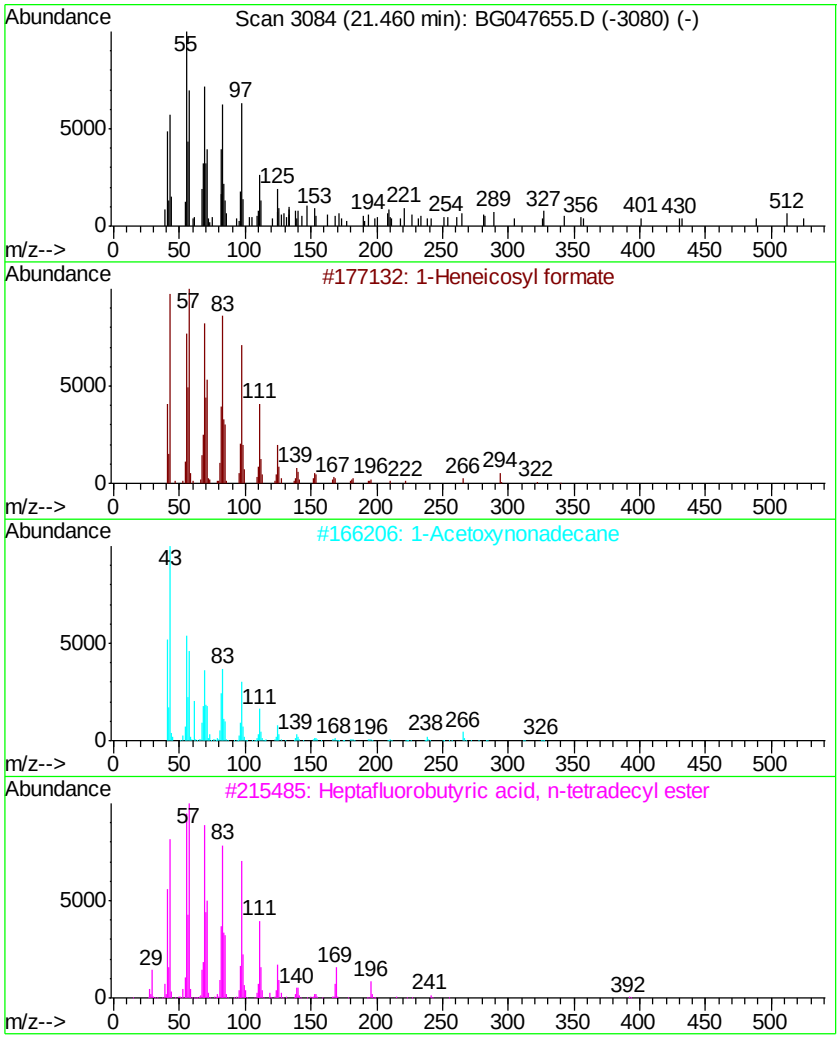
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

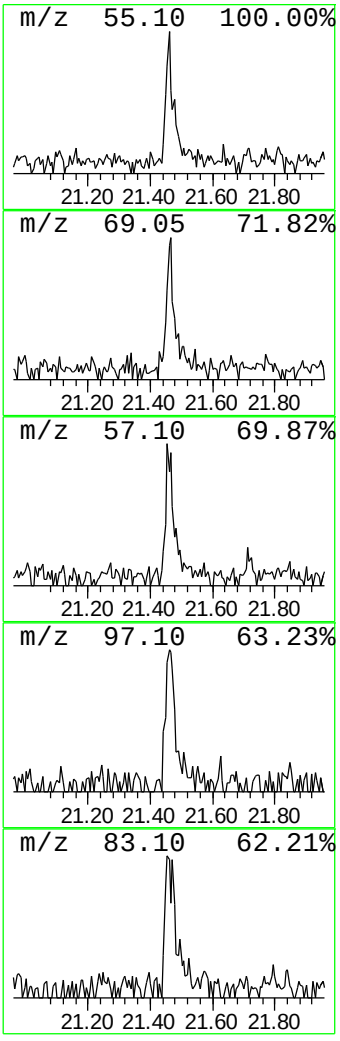
****

Peak Number 11 1-Heneicosyl formate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.15 ng/ul	78922	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	76
2	1-Acetoxynonadecane	326	C21H42O2	001577-43-1	70
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	70
4	1-Hexadecanol	242	C16H34O	036653-82-4	70
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120820\
Data File : BG047655.D
Acq On : 8 Dec 2020 19:34
Operator : CG/JU
Sample : L4921-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.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
Benzene, 1-chloro...	11.64	40.7	ng/ul	406536	2	11.04	199812	20.0
Benzene, 1-chloro...	11.84	11.4	ng/ul	113948	2	11.04	199812	20.0
4-Chloro-2-nitrop...	12.31	2.5	ng/ul	24459	2	11.04	199812	20.0
3-Chloro-4-nitrop...	12.98	2.4	ng/ul	37869	3	14.83	320088	20.0
unknown-01	18.93	17.9	ng/ul	410203	4	17.57	457928	20.0
1-Heneicosyl formate	21.46	3.1	ng/ul	78922	5	21.85	500639	20.0