LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

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-BG102220MA.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	3.438	15	17	18	rBV2	3578	2718	0.14%	0.011%
2	3.474	20	23	27	rVB4	11388	17551	0.93%	0.074%
3	3.662	54	55	58	rBV2	3118	3159	0.17%	0.013%
4	4.332	165	169	170	rBV2	2499	2636	0.14%	0.011%
5	4.602	213	215	220	rBV5	1973	2501	0.13%	0.011%
6	4.872	258	261	264	rBV2	1788	2670	0.14%	0.011%
7	5.366	339	345	355	rVB	185318	306345	16.29%	1.290%
8	6.270	495	499	505	rBV4	1773	3363	0.18%	0.014%
9	7.210	653	659	670	rVB3	50380	117877	6.27%	0.497%
10	7.381	681	688	699	rBV	163159	273541	14.54%	1.152%
11	7.592	717	724	741	rBV	182377	342561	18.21%	1.443%
12	7.786	754	757	758	rBV2	3308	2810	0.15%	0.012%
13	7.951	777	785	793	rBV2	36549	62078	3.30%	0.261%
14	8.062	798	804	806	rVV	193490	308633	16.41%	1.300%
15	8.098	806	810	817	rVB	317820	536247	28.51%	2.259%
16	8.415	854	864	875	rVB	1034805	1821994	96.87%	7.674%
17	8.756	915	922	933	rBV	131482	238391	12.67%	1.004%
18	9.220	995	1001	1004	rBV	225979	384733	20.46%	1.621%
19	9.267	1004	1009	1018	rVB	637863	1093014	58.11%	4.604%
20	9.567	1054	1060	1064	rVB6	3381	5776	0.31%	0.024%
21	9.678	1074	1079	1083	rVB4	4420	8030	0.43%	0.034%
22	9.878	1110	1113	1117	rVB2	4376	7048	0.37%	0.030%
23	9.948	1117	1125	1135	rBV	194134	376509	20.02%	1.586%
24	10.483	1208	1216	1226	rBV	271433	490106	26.06%	2.064%
25	10.653	1243	1245	1248	rVB3	2920	3515	0.19%	0.015%
26	10.736	1248	1259	1270	rBV	472262	840247	44.67%	3.539%
27	10.871	1275	1282	1289	rBV	239873	434064	23.08%	1.828%
28	11.000	1297	1304	1313	rBV2	22313	44805	2.38%	0.189%
29	11.259	1339	1348	1355	rBV	296306	524165	27.87%	2.208%
30	11.464	1375	1383	1391	rBV	445698	808391	42.98%	3.405%
31	11.682	1412	1420	1430	rVB	114616	207519	11.03%	0.874%
32	12.158	1493	1501	1509	rBV4	27402	53378	2.84%	0.225%
33	12.451	1546	1551	1556	rVB3	5386	8034	0.43%	0.034%
34	12.833	1608	1616	1622	rBV3	33944	62609	3.33%	0.264%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

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-BG102220MA.M
Title : SVOA CALIBRATION

35	12.886	1622	1625	1633	rVB5	23362	34098	1.81%	0.144%
36	13.115	1660	1664	1671	rVB5	6472	13769	0.73%	0.058%
37	13.268	1683	1690	1697	rBV5	19368	31769	1.69%	0.134%
38	13.491	1721	1728	1736	rBV2	192156	299324	15.91%	1.261%
39	13.603	1743	1747	1750	rVB4	3471	4483	0.24%	0.019%
40	13.650	1750	1755	1759	rVV5	9028	13097	0.70%	0.055%
41	13.697	1759	1763	1768	rVB3	31219	45088	2.40%	0.190%
42	14.091	1823	1830	1834	rBV	600137	910275	48.40%	3.834%
43	14.132	1834	1837	1848	rVB	66899	111852	5.95%	0.471%
44	14.314	1865	1868	1870	rBV	1992	2656	0.14%	0.011%
45	14.384	1873	1880	1886	rVV	623489	960369	51.06%	4.045%
46	14.490	1893	1898	1900	rBV4	4631	5636	0.30%	0.024%
47	14.578	1908	1913	1916	rBV3	2633	3872	0.21%	0.016%
48	14.690	1923	1932	1944	rBV2	428893	661304	35.16%	2.785%
49	14.878	1957	1964	1970	rBV3	38336	76603	4.07%	0.323%
50	14.966	1975	1979	1982	rVV3	6677	7459	0.40%	0.031%
51	15.007	1982	1986	1989	rVB5	5726	7446	0.40%	0.031%
52	15.172	2009	2014	2018	rBV4	11496	19594	1.04%	0.083%
53	15.319	2034	2039	2041	rVB2	2445	3451	0.18%	0.015%
54	15.419	2051	2056	2062	rVB2	18669	22765	1.21%	0.096%
55	15.677	2093	2100	2109	rBV	813468	1249549	66.44%	5.263%
56	15.789	2113	2119	2131	rVB	324966	495310	26.33%	2.086%
57	15.918	2137	2141	2147	rVB3	11267	17013	0.90%	0.072%
58	16.253	2193	2198	2203	rBV4	4880	6558	0.35%	0.028%
59	16.394	2219	2222	2225	rVB3	2659	2599	0.14%	0.011%
60	16.464	2228	2234	2240	rVB4	10362	16882	0.90%	0.071%
61	16.547	2244	2248	2249	rBV	2395	2690	0.14%	0.011%
62	16.652	2262	2266	2273	rBV4	6298	9942	0.53%	0.042%
63	16.723	2277	2278	2283	rBV3	3297	3517	0.19%	0.015%
64	16.823	2292	2295	2301	rVB5	7757	10130	0.54%	0.043%
65	17.111	2342	2344	2347	rVB2	2692	2917	0.16%	0.012%
66	17.228	2358	2364	2366	rBV2	6858	11103	0.59%	0.047%
67	17.434	2392	2399	2405	rBV	553520	822761	43.75%	3.466%
68	17.534	2408	2416	2427	rBV	953739	1450155	77.10%	6.108%
69	17.622	2427	2431	2435	rBV7	5779	8126	0.43%	0.034%
70	17.663	2436	2438	2441	rVV2	3574	2845	0.15%	0.012%
71	18.045	2500	2503	2508	rVB4	5997	7698	0.41%	0.032%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

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-BG102220MA.M
Title : SVOA CALIBRATION

72	18.145	2516	2520	2525	rVB5	8767	11025	0.59%	0.046%
73	18.315	2544	2549	2554	rBV2	66925	103516	5.50%	0.436%
74	18.391	2559	2562	2569	rVB7	15536	30060	1.60%	0.127%
75	18.521	2580	2584	2588	rVB5	4575	5010	0.27%	0.021%
76	18.797	2622	2631	2638	rBV	450080	669499	35.60%	2.820%
77	18.873	2643	2644	2648	rVB4	7581	8509	0.45%	0.036%
78	18.926	2648	2653	2658	rVB6	20557	30635	1.63%	0.129%
79	18.991	2661	2664	2666	rBV4	3438	3880	0.21%	0.016%
80	19.097	2677	2682	2683	rBV3	8416	11285	0.60%	0.048%
81	19.126	2683	2687	2693	rVB6	26809	41985	2.23%	0.177%
82	19.249	2705	2708	2711	rBV3	4664	5951	0.32%	0.025%
83	19.449	2739	2742	2749	rVB2	14763	17204	0.91%	0.072%
84	19.584	2761	2765	2770	rBV5	14303	23888	1.27%	0.101%
85	19.813	2798	2804	2811	rBV	1306362	1880808	100.00%	7.922%
86	21.194	3037	3039	3040	rBV2	5765	4286	0.23%	0.018%
87	21.347	3060	3065	3074	rBV6	62206	175075	9.31%	0.737%
88	21.699	3118	3125	3132	rBV2	581419	991994	52.74%	4.178%
89	23.386	3407	3412	3421	rVB	83000	161809	8.60%	0.682%
90	24.713	3628	3638	3649	rVB	653789	1747917	92.93%	7.362%
91	24.937	3666	3676	3691	rVV2	356558	1060417	56.38%	4.467%
92	25.048	3693	3695	3696	rBV2	7356	4789	0.25%	0.020%

Sum of corrected areas: 23741265

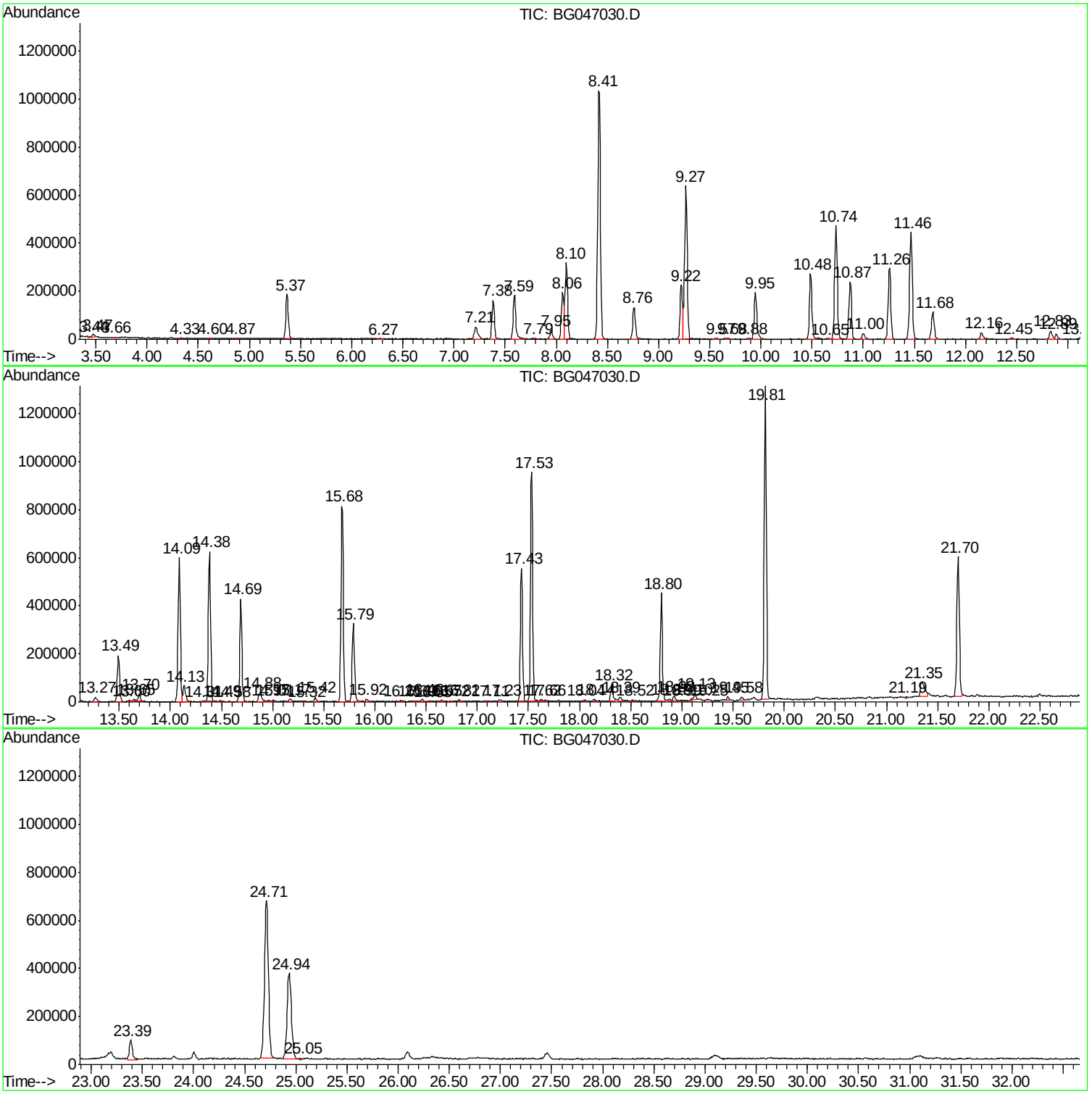
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

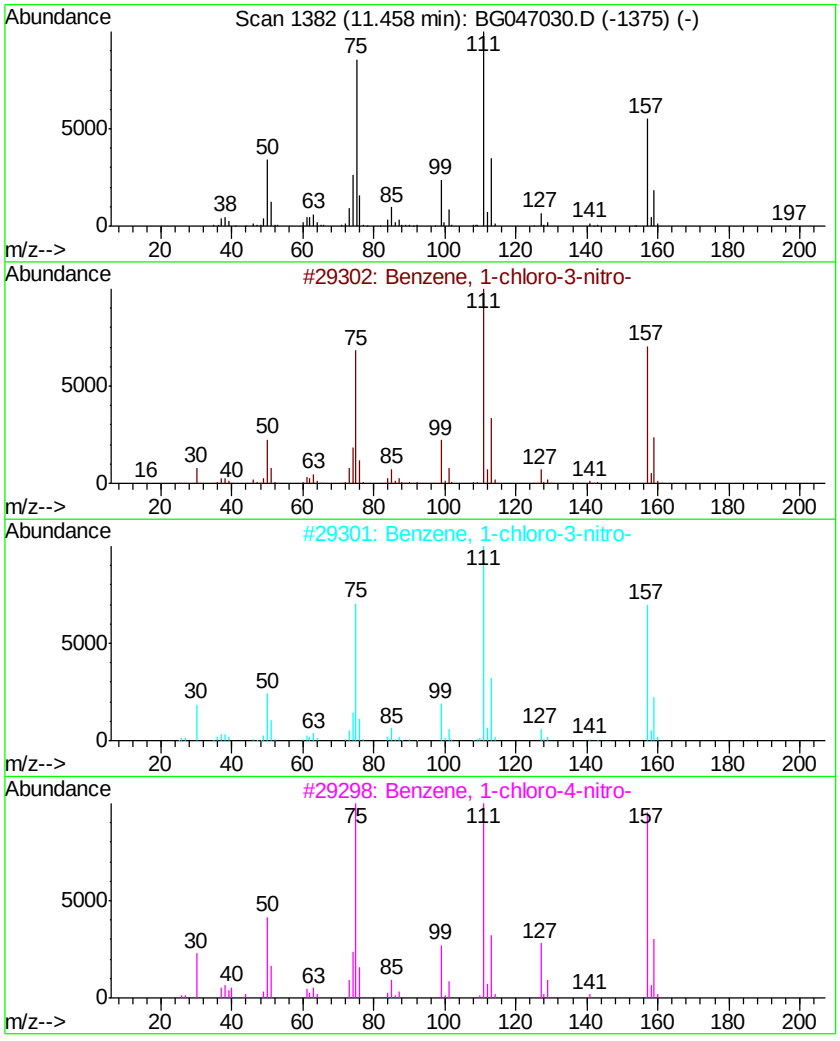
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

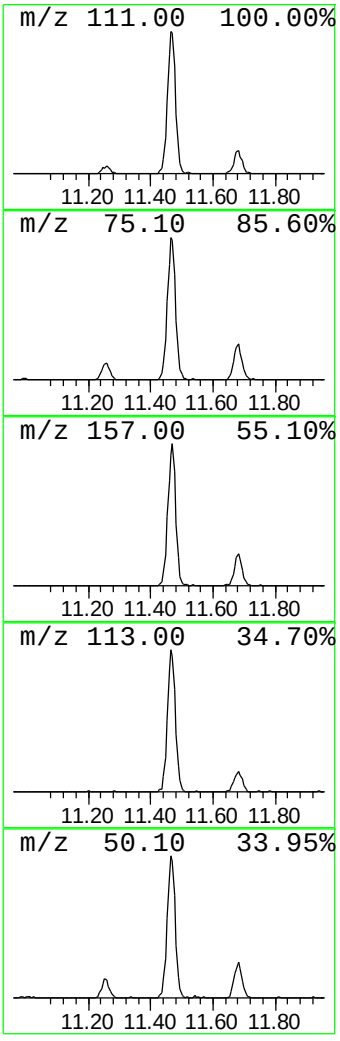
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	37.25 ng/ul	808391	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

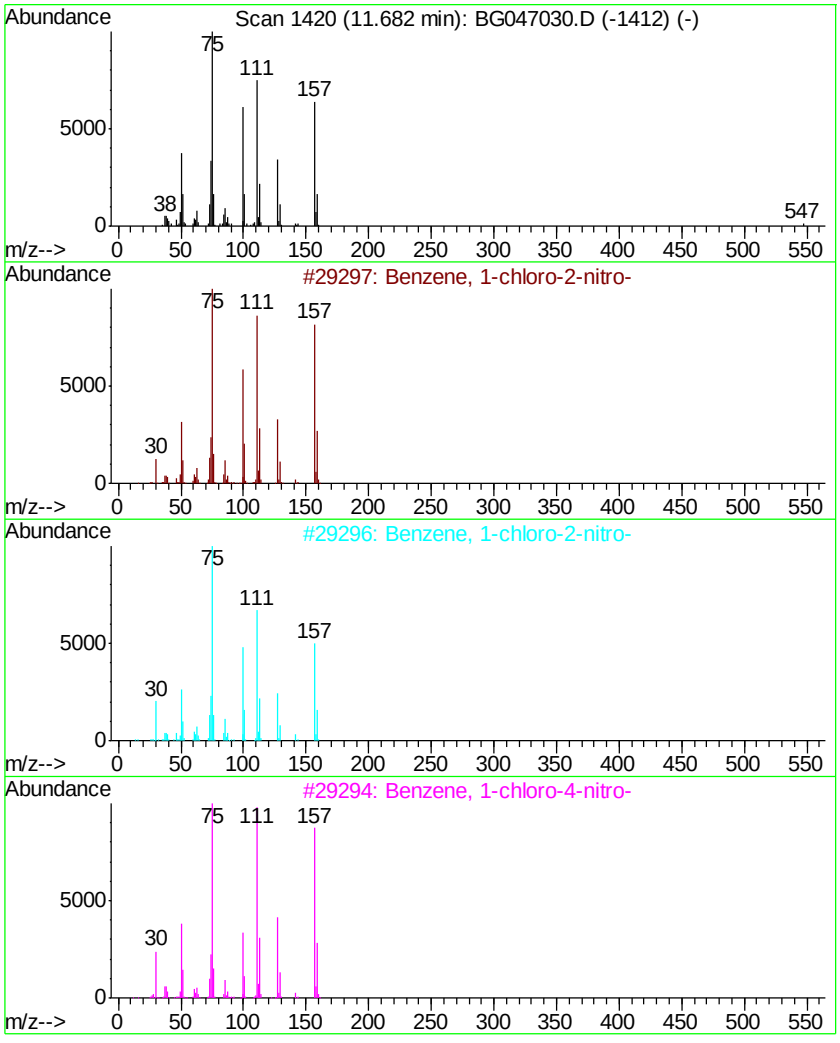
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

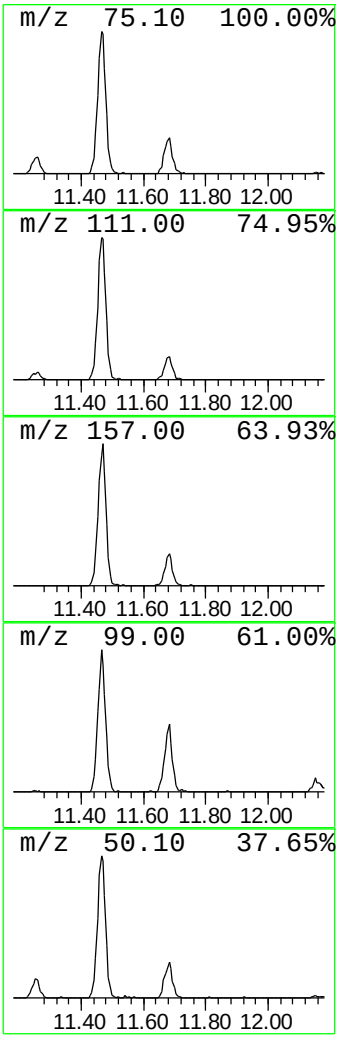
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	9.56 ng/ul	207519	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

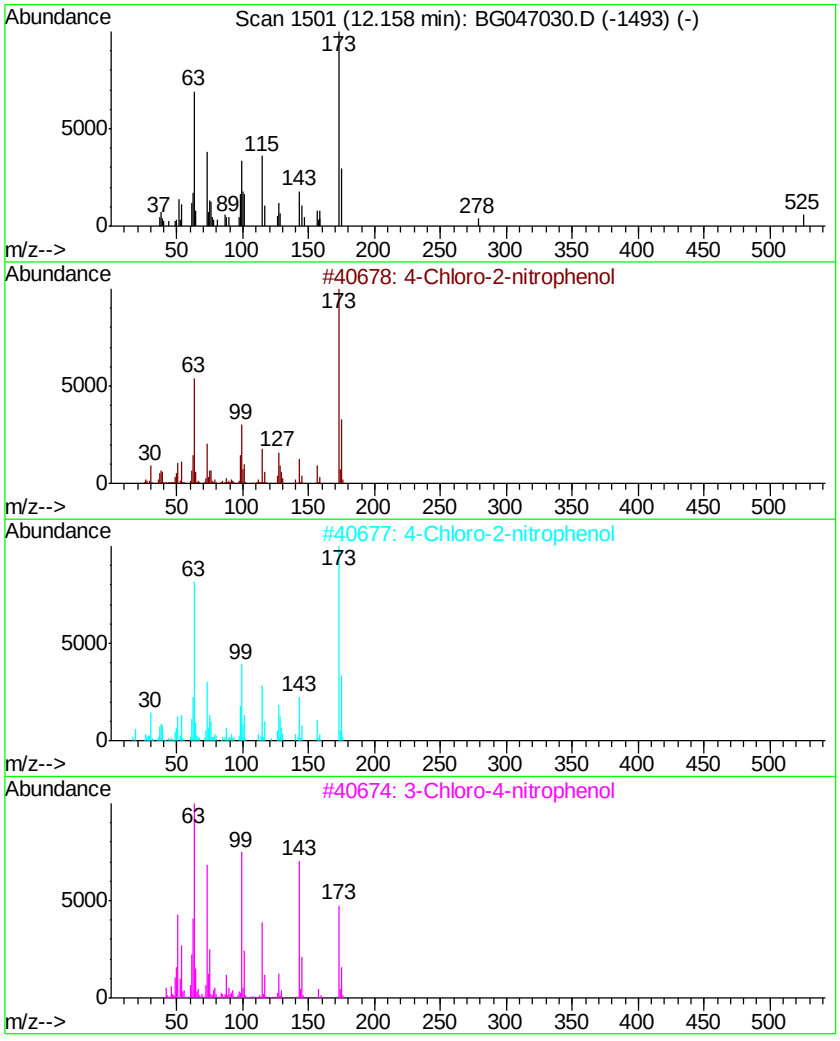
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

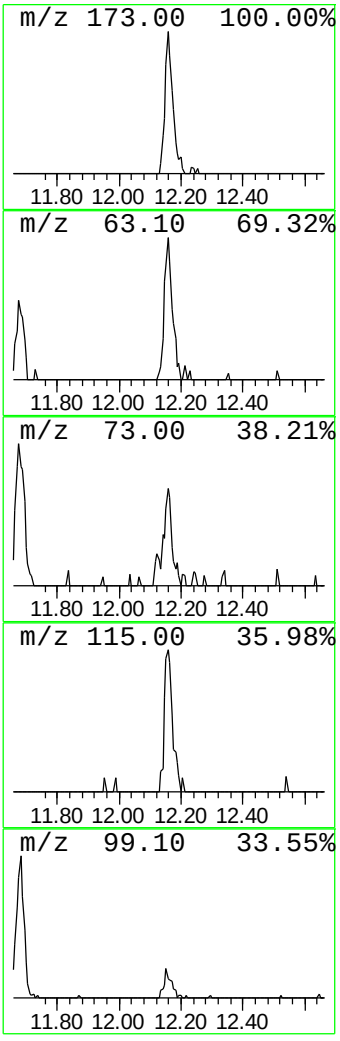
****

Peak Number 8 4-Chloro-2-nitrophenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.46 ng/ul	53378	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	91
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	68
3	3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	59
4	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	46
5	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

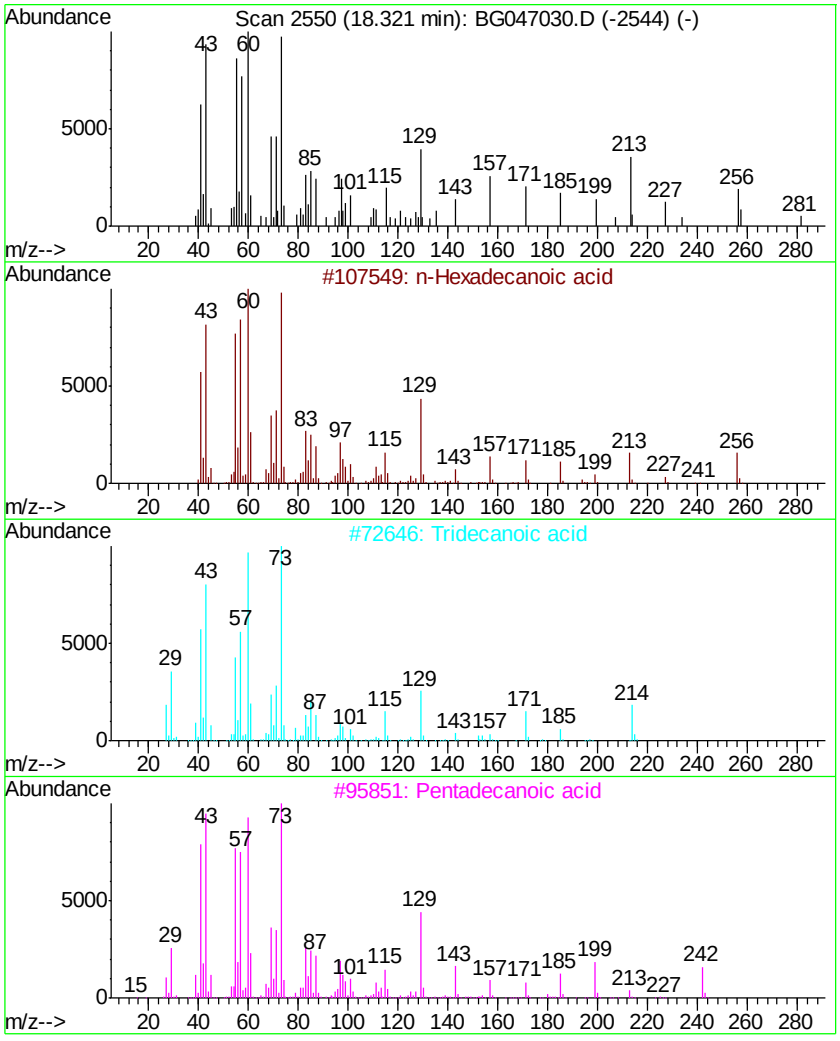
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

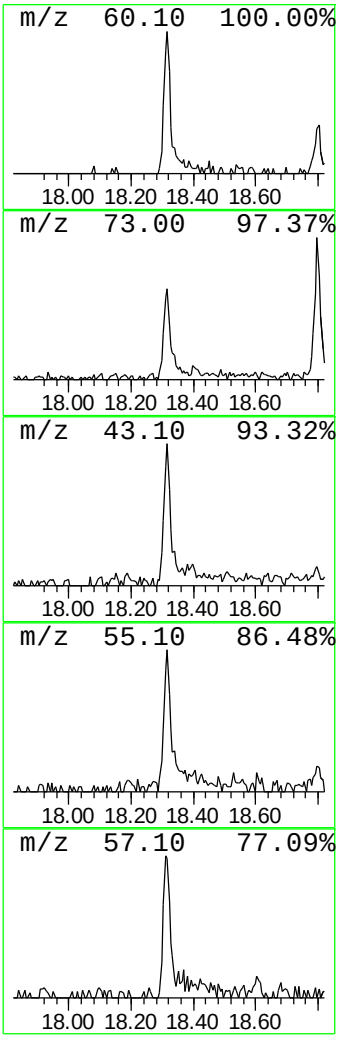
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.52 ng/ul	103516	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

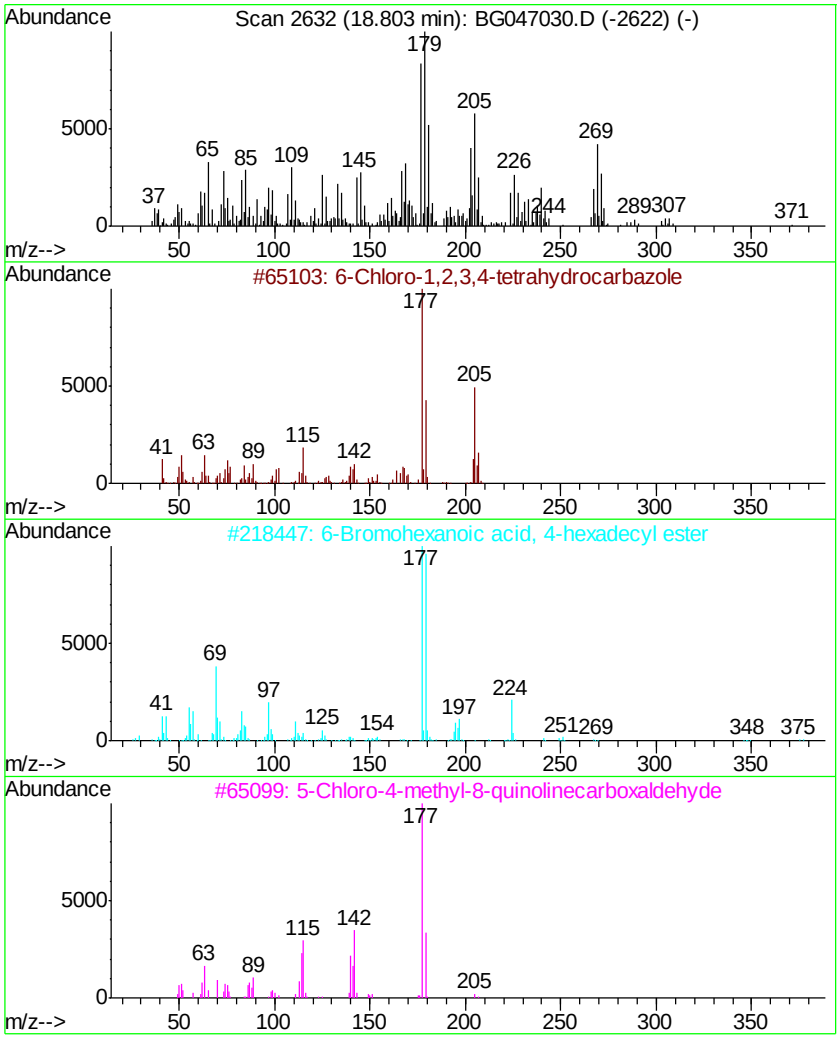
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

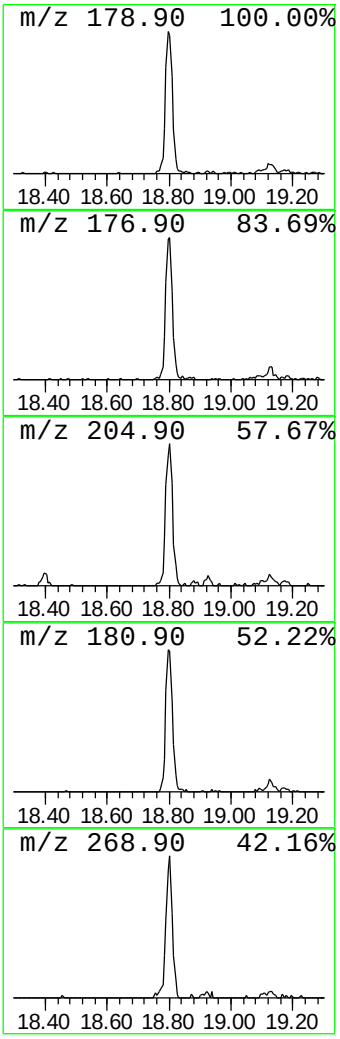
****

Peak Number 10 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	16.27 ng/ul	669499	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2	6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	27
3	5-Chloro-4-methyl-8-quinolinecar...	205	C11H8ClNO	028662-47-7	22
4	2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	18
5	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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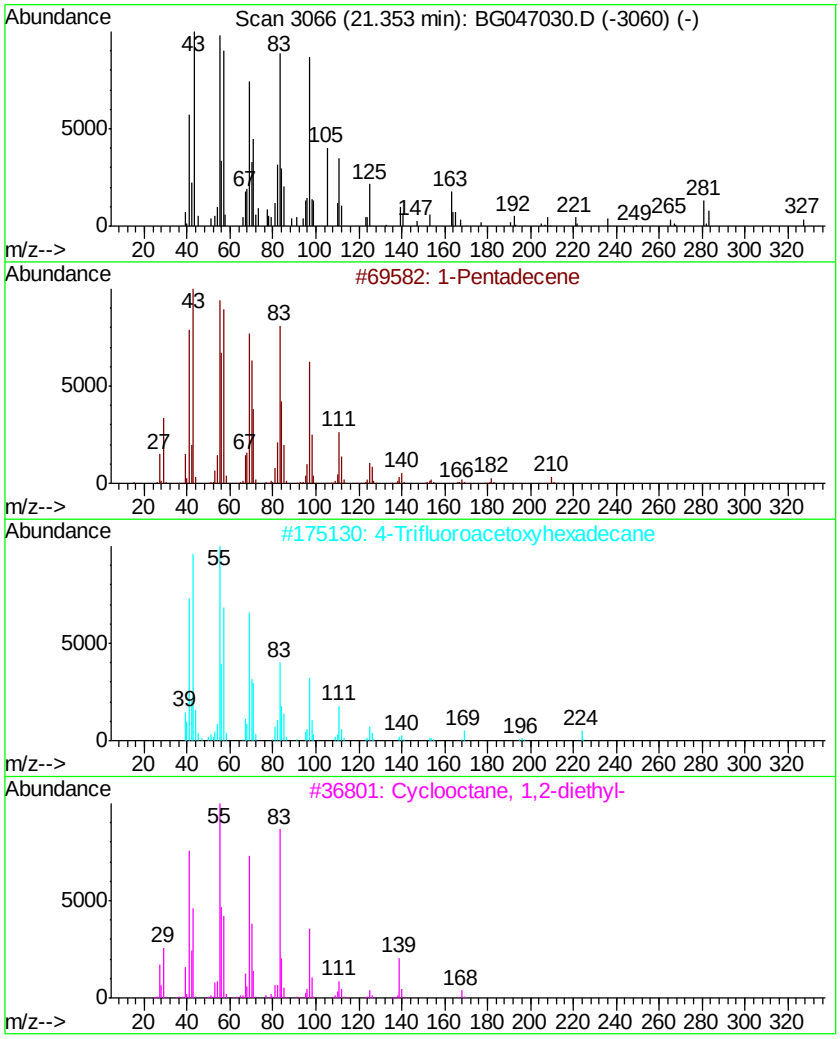
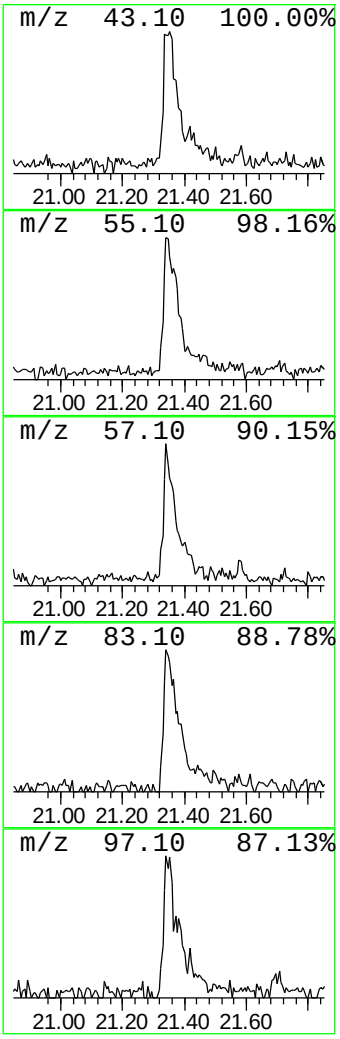
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.53 ng/ul	175075	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	90
2	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	86
3	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	78
4	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	72
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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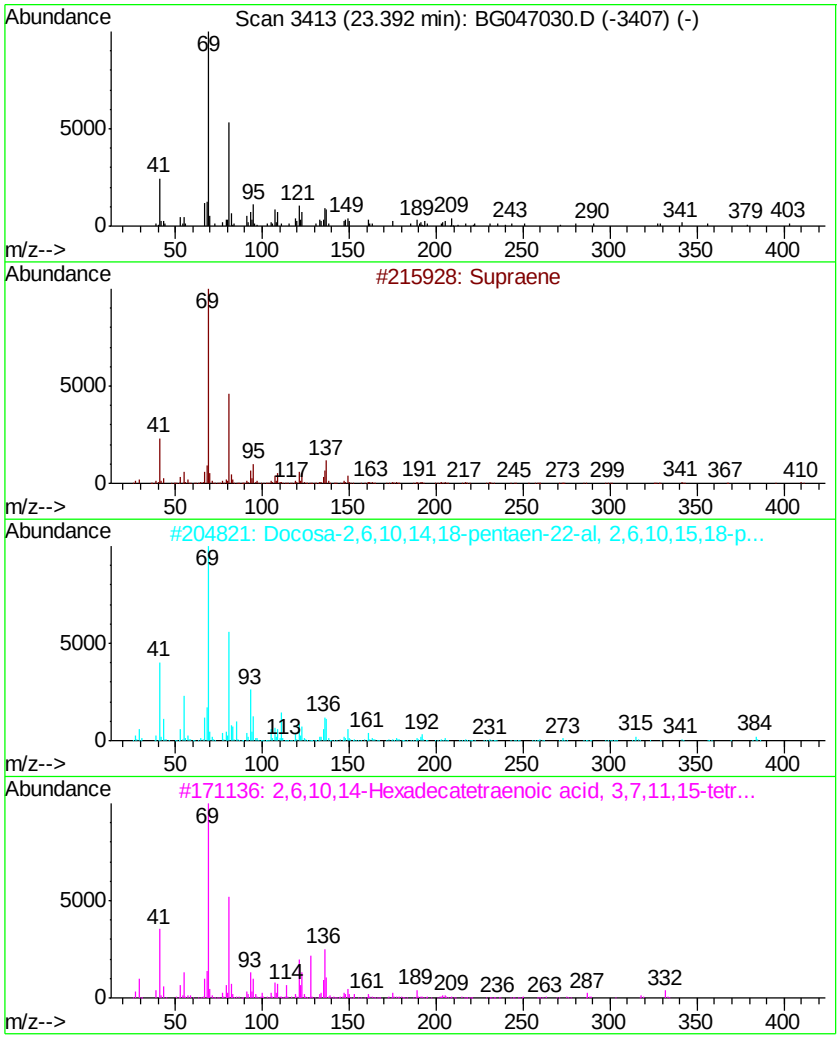
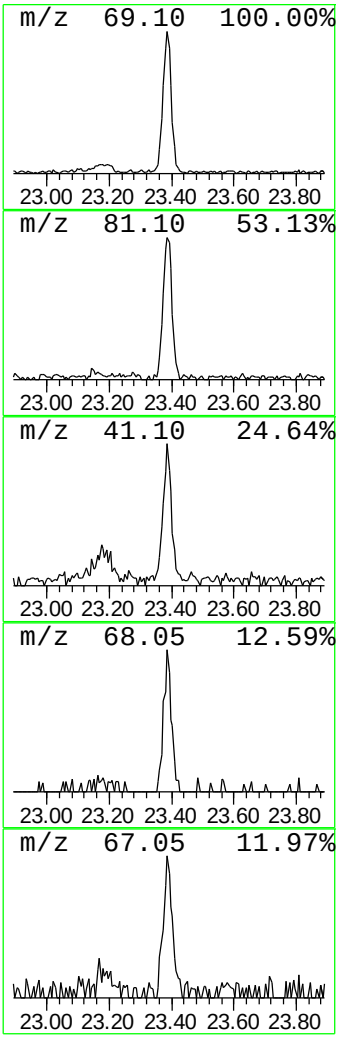
Peak Number 12 Supraene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	3.05 ng/ul	161809	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	86
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
4	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102220\
Data File : BG047030.D
Acq On : 22 Oct 2020 13:44
Operator : CG/JU
Sample : L4483-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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...	11.46	37.3	ng/ul	808391	2	10.87	434064	20.0
Benzene, 1-chloro...	11.68	9.6	ng/ul	207519	2	10.87	434064	20.0
4-Chloro-2-nitrop...	12.16	2.5	ng/ul	53378	2	10.87	434064	20.0
n-Hexadecanoic acid	18.32	2.5	ng/ul	103516	4	17.43	822761	20.0
unknown-01	18.80	16.3	ng/ul	669499	4	17.43	822761	20.0
(DEL) Alkane: Str...	21.35	3.5	ng/ul	175075	5	21.70	991994	20.0
Supraene	23.39	3.0	ng/ul	161809	6	24.94	1060420	20.0