LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

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-BG111920MA.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	3.714	62	64	66	rBV3	4391	3925	0.57%	0.053%
2	4.484	193	195	199	rBV3	2264	2560	0.37%	0.035%
3	4.554	206	207	211	rBV3	2164	2123	0.31%	0.029%
4	4.613	211	217	222	rVB5	11550	18589	2.72%	0.252%
5	5.301	329	334	335	rBV3	2045	2771	0.41%	0.038%
6	5.406	350	352	353	rBV2	2646	2122	0.31%	0.029%
7	6.129	473	475	477	rVB2	2339	2000	0.29%	0.027%
8	6.582	548	552	555	rBV2	1966	2589	0.38%	0.035%
9	6.846	595	597	600	rBV2	2799	2501	0.37%	0.034%
10	7.398	684	691	699	rVB2	57494	106572	15.59%	1.445%
11	7.498	705	708	711	rVB3	2531	2788	0.41%	0.038%
12	7.586	718	723	727	rBV	34463	51778	7.58%	0.702%
13	7.698	739	742	744	rBV2	1780	2329	0.34%	0.032%
14	7.798	753	759	765	rBV3	54179	97653	14.29%	1.324%
15	7.856	765	769	772	rBV3	3890	5305	0.78%	0.072%
16	7.992	791	792	797	rVB	1926	2146	0.31%	0.029%
17	8.274	833	840	850	rVB2	154615	266923	39.05%	3.618%
18	8.567	887	890	893	rBV	2017	2649	0.39%	0.036%
19	8.797	927	929	932	rVB	2760	2377	0.35%	0.032%
20	8.885	941	944	947	rVB2	2121	2869	0.42%	0.039%
21	8.955	947	956	964	rBV3	68584	132158	19.34%	1.791%
22	9.061	970	974	976	rBV2	2586	2796	0.41%	0.038%
23	9.437	1032	1038	1047	rBV2	55513	97575	14.28%	1.323%
24	9.637	1070	1072	1075	rVB2	2656	2020	0.30%	0.027%
25	9.989	1128	1132	1135	rBV	1710	3092	0.45%	0.042%
26	10.095	1146	1150	1151	rBV	3236	4049	0.59%	0.055%
27	10.166	1156	1162	1169	rVV2	47592	82574	12.08%	1.119%
28	10.512	1220	1221	1227	rBV2	1707	3108	0.45%	0.042%
29	10.706	1248	1254	1259	rBV2	78446	133184	19.49%	1.805%
30	11.100	1313	1321	1328	rBV	196373	356524	52.16%	4.832%
31	11.217	1335	1341	1349	rBV2	49003	91977	13.46%	1.247%
32	11.364	1361	1366	1369	rVB2	2432	3142	0.46%	0.043%
33	11.429	1375	1377	1382	rBV3	2307	2975	0.44%	0.040%
34	11.623	1405	1410	1411	rBV	2276	3007	0.44%	0.041%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

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-BG111920MA.M
Title : SVOA CALIBRATION

35	11.681	1416	1420	1421	rBV2	4790	4072	0.60%	0.055%
36	11.746	1430	1431	1436	rBV2	2178	2894	0.42%	0.039%
37	11.893	1454	1456	1461	rVB	2277	2793	0.41%	0.038%
38	12.745	1598	1601	1603	rVB	1653	1982	0.29%	0.027%
39	12.874	1622	1623	1626	rVB	3173	2318	0.34%	0.031%
40	12.898	1626	1627	1629	rBV	2218	2045	0.30%	0.028%
41	13.097	1658	1661	1666	rBV	2000	3733	0.55%	0.051%
42	13.186	1672	1676	1678	rVB	1971	2113	0.31%	0.029%
43	13.321	1697	1699	1706	rBV	3049	4012	0.59%	0.054%
44	13.767	1770	1775	1781	rVB2	54114	84156	12.31%	1.141%
45	14.278	1855	1862	1866	rBV	131684	203168	29.73%	2.754%
46	14.320	1866	1869	1876	rVB	70438	94436	13.82%	1.280%
47	14.578	1907	1913	1922	rVB	143787	223164	32.65%	3.025%
48	14.837	1954	1957	1958	rBV	3611	2738	0.40%	0.037%
49	14.884	1958	1965	1973	rVB	337656	538001	78.72%	7.292%
50	14.978	1978	1981	1982	rBV	2134	2231	0.33%	0.030%
51	15.030	1985	1990	1996	rVV2	54089	86567	12.67%	1.173%
52	15.136	2006	2008	2010	rVB	3216	2086	0.31%	0.028%
53	15.559	2079	2080	2084	rVB	2117	2337	0.34%	0.032%
54	15.589	2084	2085	2090	rBV	2068	2705	0.40%	0.037%
55	15.735	2106	2110	2112	rBV	3047	2275	0.33%	0.031%
56	15.865	2126	2132	2139	rVB	183952	281413	41.17%	3.814%
57	15.976	2145	2151	2157	rVB5	87859	155127	22.70%	2.103%
58	16.023	2157	2159	2163	rBV5	2075	2606	0.38%	0.035%
59	16.217	2189	2192	2194	rBV5	2593	2978	0.44%	0.040%
60	16.423	2224	2227	2230	rBV	2126	3008	0.44%	0.041%
61	16.505	2238	2241	2242	rBV	3236	2794	0.41%	0.038%
62	16.634	2262	2263	2267	rBV	3196	2497	0.37%	0.034%
63	16.787	2284	2289	2290	rBV	2699	3435	0.50%	0.047%
64	16.952	2315	2317	2320	rVB2	4988	5443	0.80%	0.074%
65	17.151	2348	2351	2353	rVB3	2189	2389	0.35%	0.032%
66	17.210	2359	2361	2366	rVB4	4096	5112	0.75%	0.069%
67	17.263	2366	2370	2371	rBV	2255	3079	0.45%	0.042%
68	17.616	2423	2430	2436	rBV	454084	683473	100.00%	9.264%
69	17.716	2441	2447	2454	rVB	203977	306841	44.89%	4.159%
70	17.827	2463	2466	2470	rBV3	4652	5808	0.85%	0.079%
71	17.904	2475	2479	2486	rVB3	26829	38997	5.71%	0.529%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

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-BG111920MA.M
Title : SVOA CALIBRATION

72	18.186	2523	2527	2532	rVB4	11891	16863	2.47%	0.229%
73	18.227	2532	2534	2535	rBV	2847	2151	0.31%	0.029%
74	18.485	2573	2578	2584	rBV5	38858	62902	9.20%	0.853%
75	18.714	2615	2617	2619	rBV3	4825	2720	0.40%	0.037%
76	18.879	2639	2645	2653	rBV5	227903	465497	68.11%	6.310%
77	18.949	2655	2657	2661	rVV5	18279	19783	2.89%	0.268%
78	19.008	2663	2667	2673	rVB7	27840	47523	6.95%	0.644%
79	19.120	2684	2686	2687	rBV	7516	5627	0.82%	0.076%
80	19.267	2705	2711	2717	rBV4	34681	63514	9.29%	0.861%
81	19.331	2718	2722	2723	rBV2	31474	41332	6.05%	0.560%
82	19.496	2746	2750	2754	rBV6	56667	73362	10.73%	0.994%
83	19.584	2761	2765	2766	rBV4	45270	53386	7.81%	0.724%
84	19.649	2772	2776	2779	rBV2	77585	99764	14.60%	1.352%
85	19.748	2788	2793	2796	rBV3	106333	175923	25.74%	2.385%
86	19.790	2797	2800	2805	rVB2	264198	354180	51.82%	4.801%
87	19.954	2823	2828	2830	rBV2	363702	550124	80.49%	7.457%
88	20.706	2953	2956	2960	rVB6	81323	96255	14.08%	1.305%
89	20.924	2989	2993	2998	rVB4	78320	111555	16.32%	1.512%
90	21.511	3090	3093	3100	rVB2	86424	113849	16.66%	1.543%
91	21.770	3134	3137	3142	rVB2	66753	87952	12.87%	1.192%
92	21.893	3153	3158	3164	rVB2	381807	657822	96.25%	8.916%

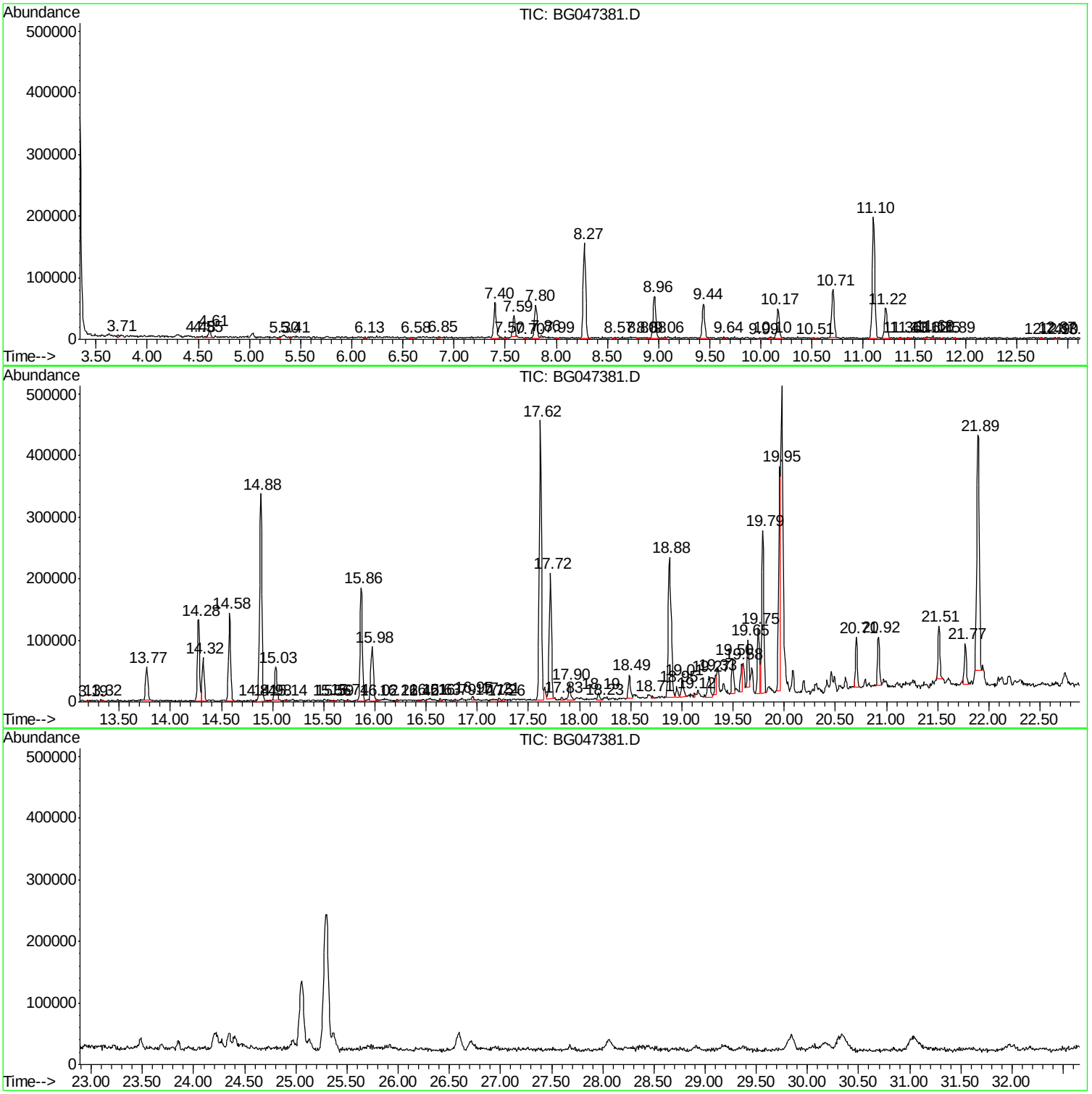
Sum of corrected areas: 7377660

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

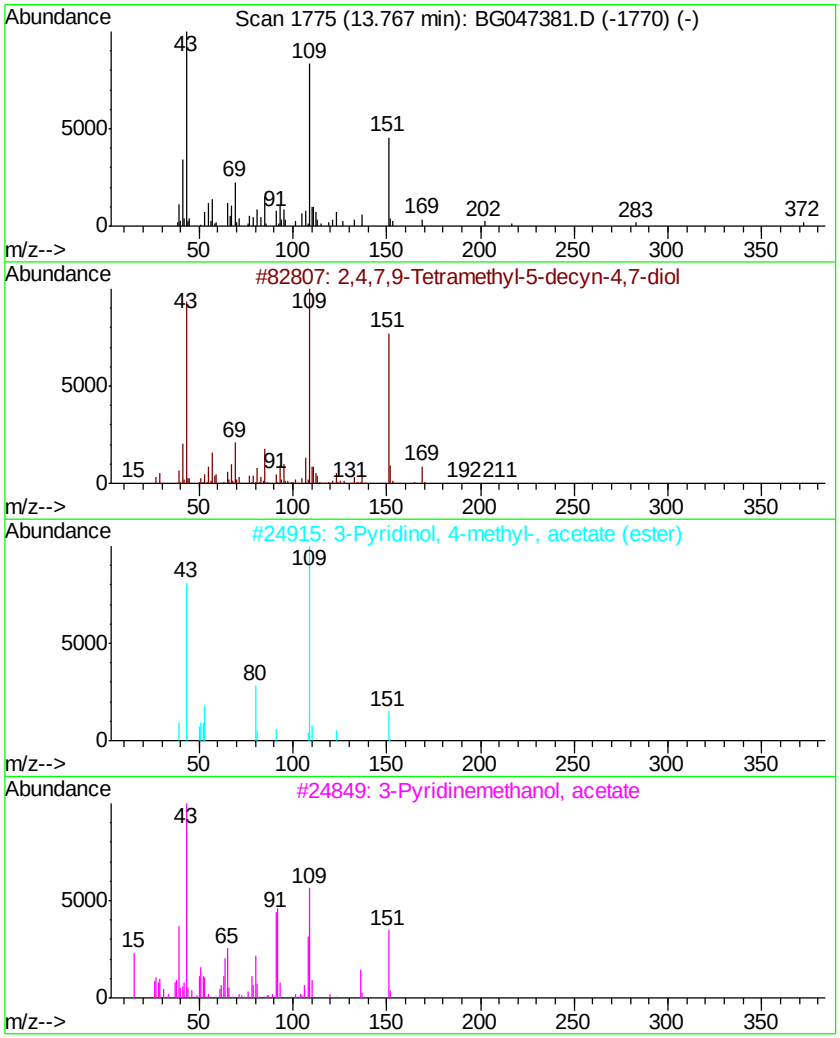
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

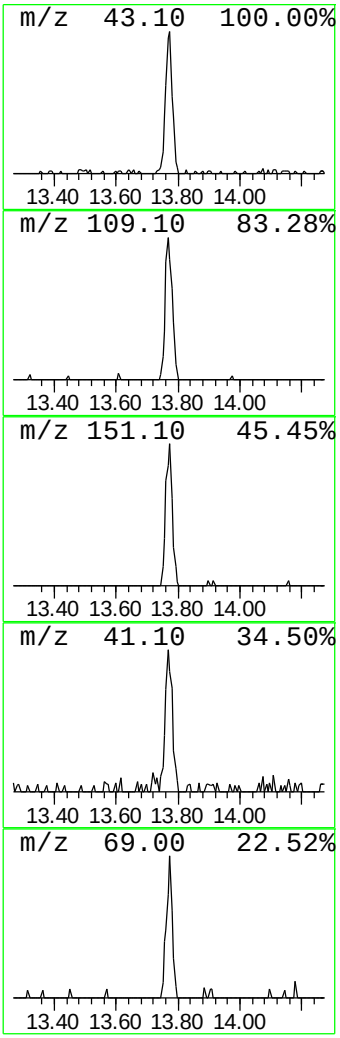
****

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.13 ng/ul	84156	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	64
3	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	59
4	Acetaminophen	151	C8H9NO2	000103-90-2	59
5	Metacetamol	151	C8H9NO2	000621-42-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

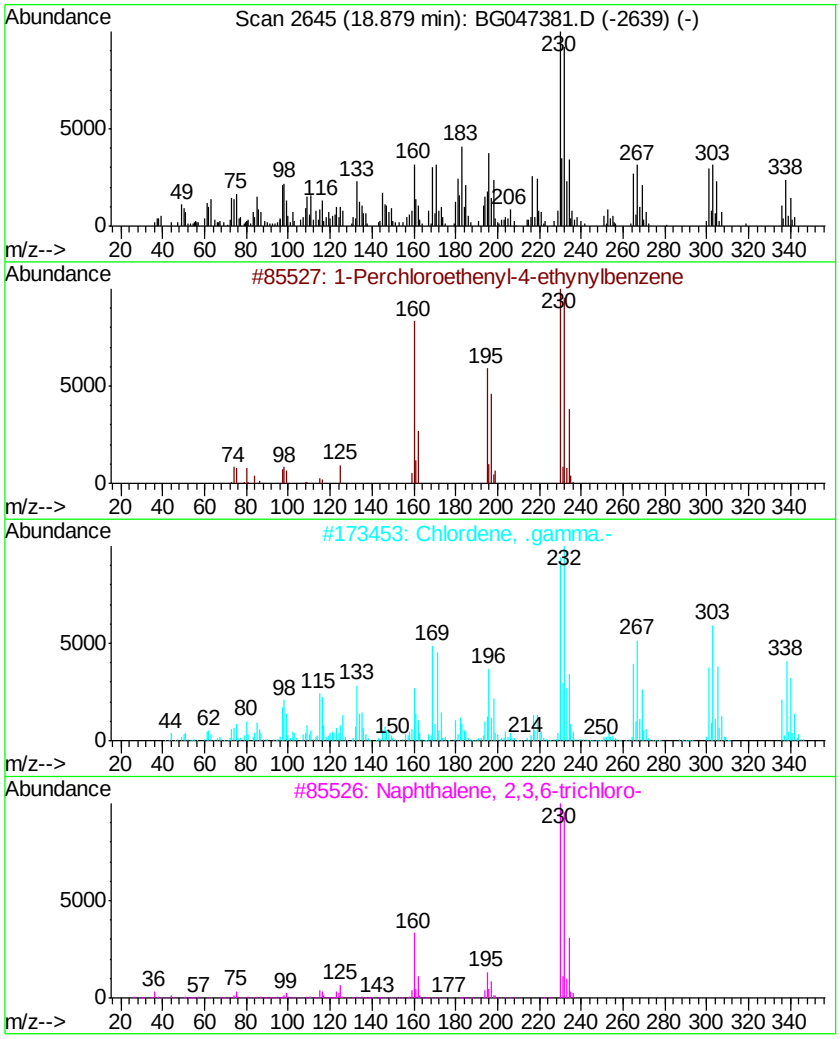
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

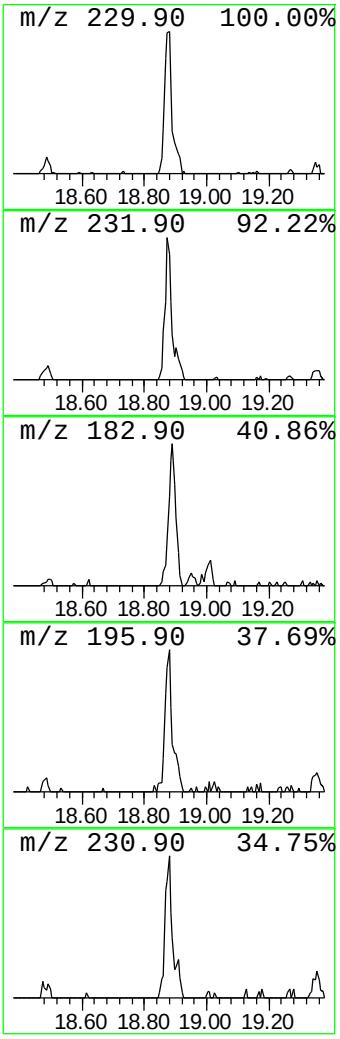
****

Peak Number 3 1-Perchloroethenyl-4-ethyny... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	13.62 ng/ul	465497	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	95
2	Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	83
3	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	60
4	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	58
5	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

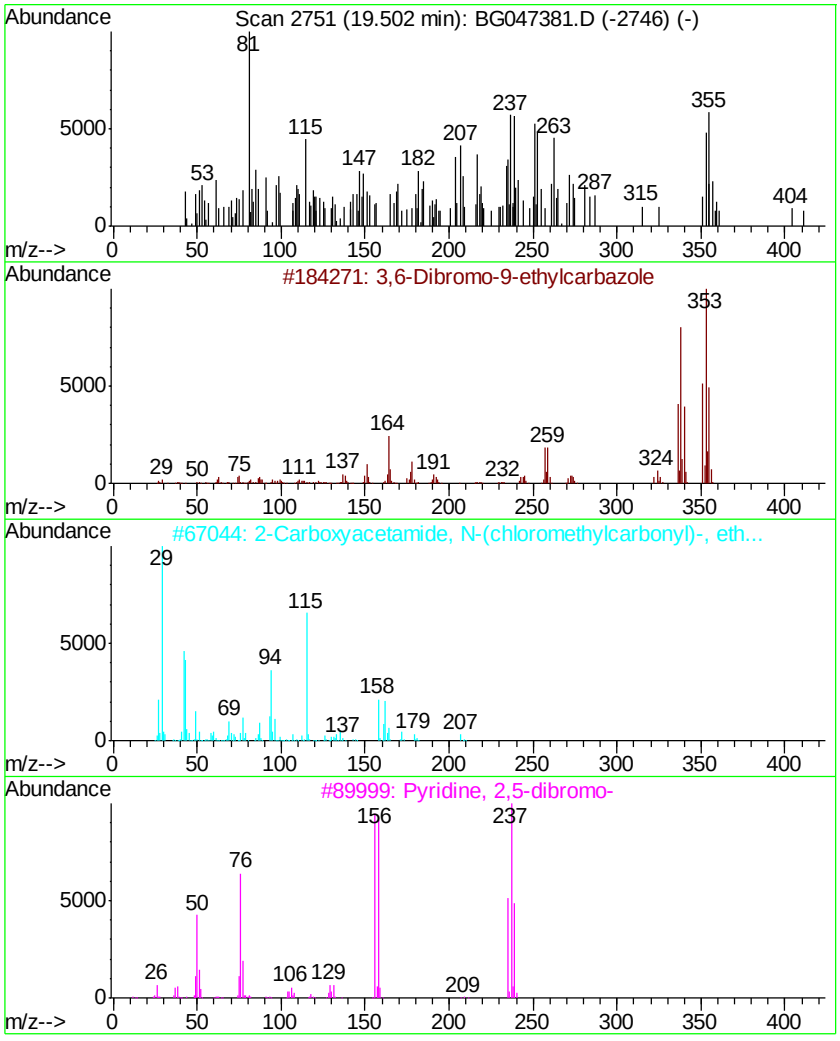
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

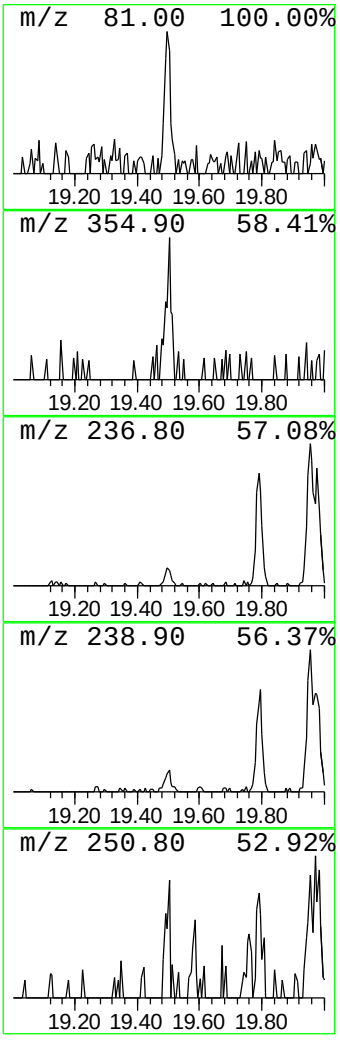
****

Peak Number 4 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.15 ng/ul	73362	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dibromo-9-ethylcarbazole	351	C14H11Br2N	033255-13-9	14
2	2-Carboxyacetamide, N-(chloromet...	207	C7H10ClNO4	1000159-83-7	10
3	Pyridine, 2,5-dibromo-	235	C5H3Br2N	000624-28-2	10
4	2-Oxo-5-benzylideneamino-4,6-dip...	353	C23H19N3O	037673-80-6	10
5	Nickel(II), [O-methyl-N(1),N(4)-...	353	C16H13N3NiO3	1000164-81-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

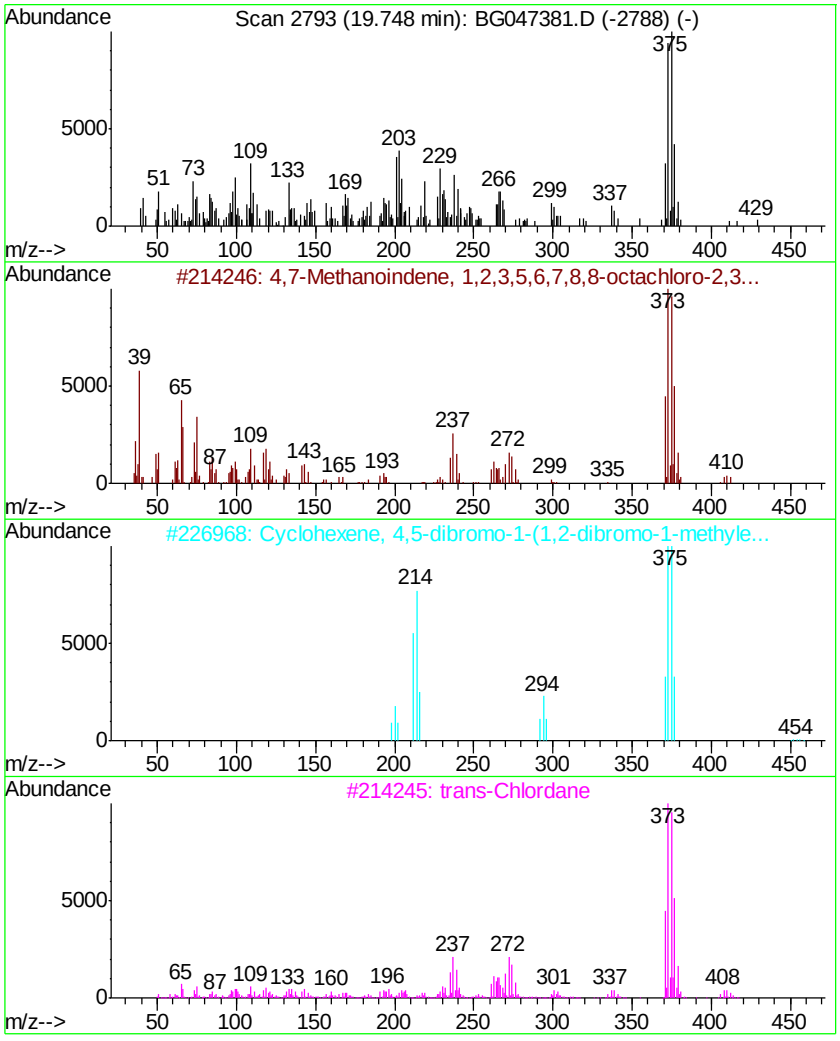
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

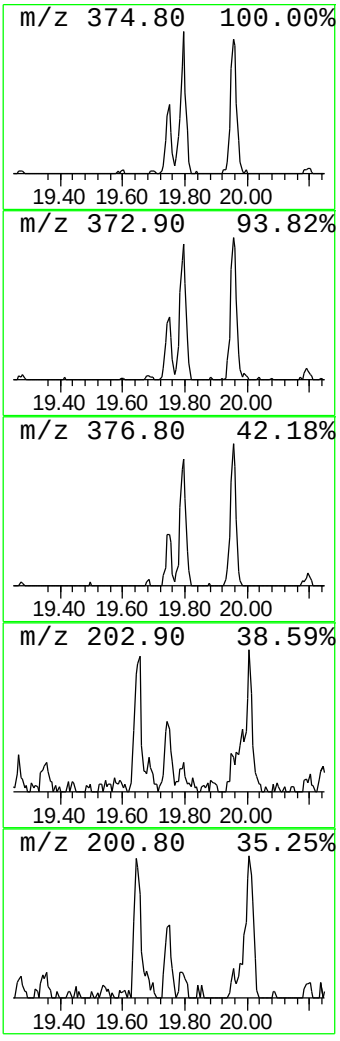
****

Peak Number 5 4,7-Methanoindene, 1,2,3,5,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	5.15 ng/ul	175923	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	64
2	Cyclohexene, 4,5-dibromo-1-(1,2-...	450	C10H14Br4	070168-60-4	50
3	trans-Chlordane	406	C10H6Cl8	005103-74-2	49
4	cis-Chlordane	406	C10H6Cl8	005103-71-9	49
5	trans-Chlordane	406	C10H6Cl8	005103-74-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

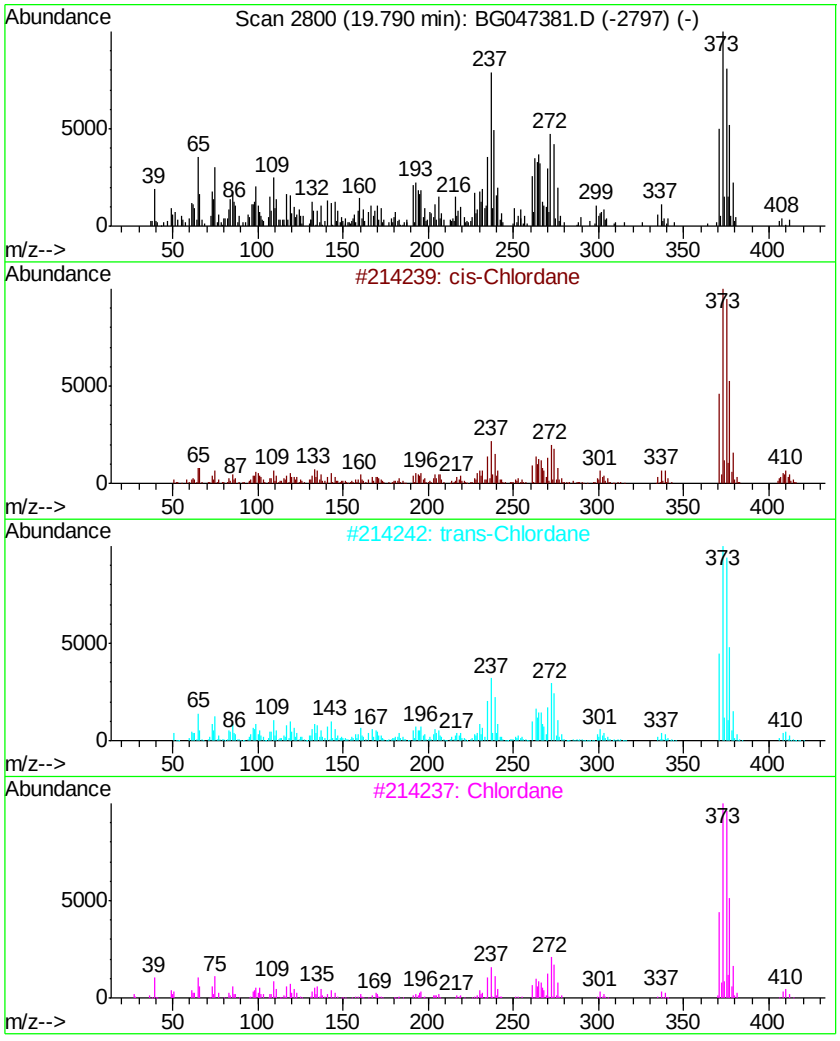
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

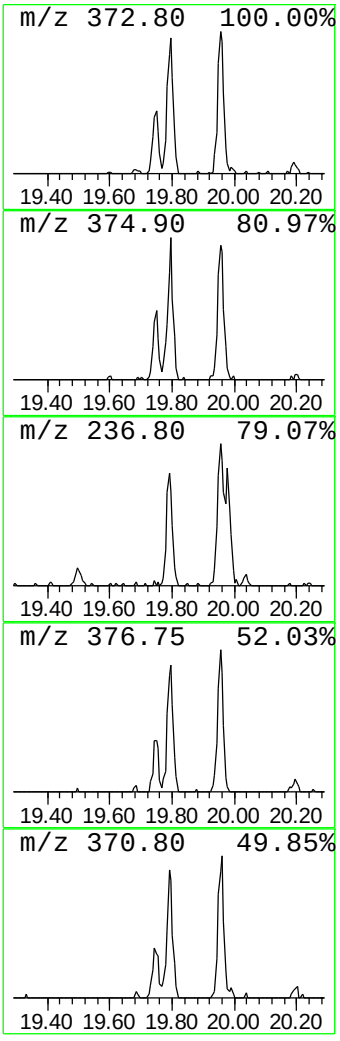
****

Peak Number 6 cis-Chlordane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	10.77 ng/ul	354180	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Chlordane	406	C10H6Cl8	005103-71-9	98
2	trans-Chlordane	406	C10H6Cl8	005103-74-2	94
3	Chlordane	406	C10H6Cl8	000057-74-9	87
4	Chlordane	406	C10H6Cl8	000057-74-9	87
5	trans-Chlordane	406	C10H6Cl8	005103-74-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

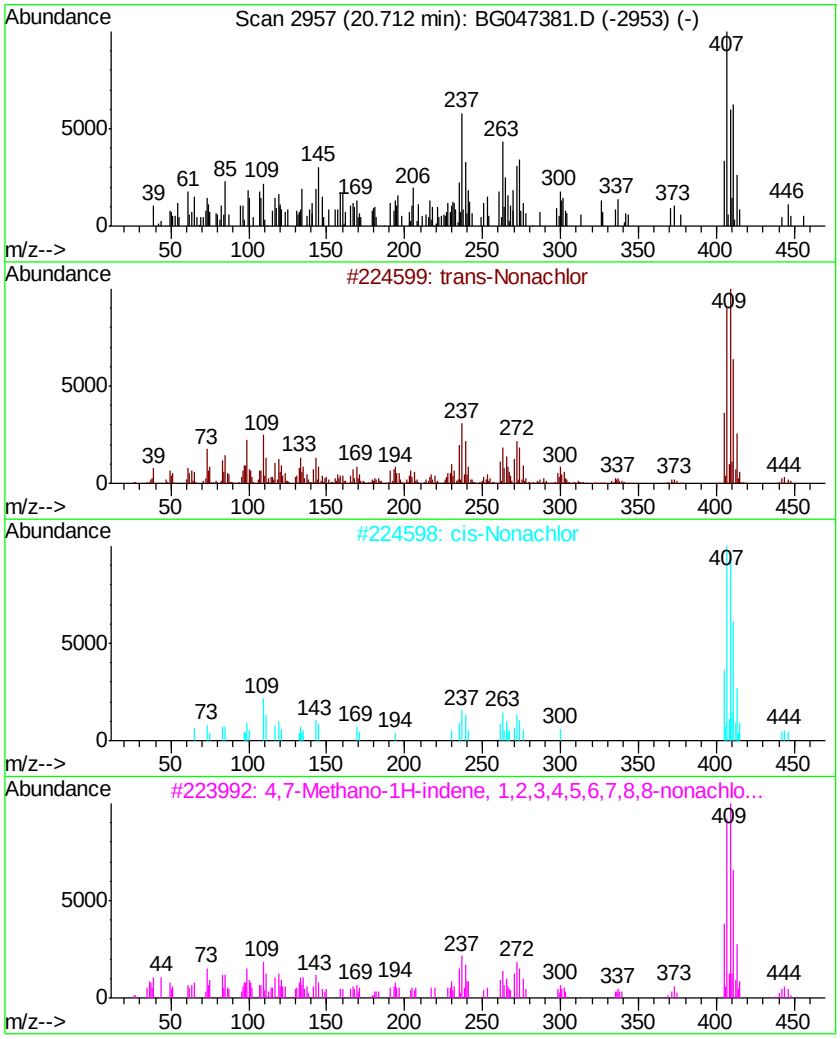
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

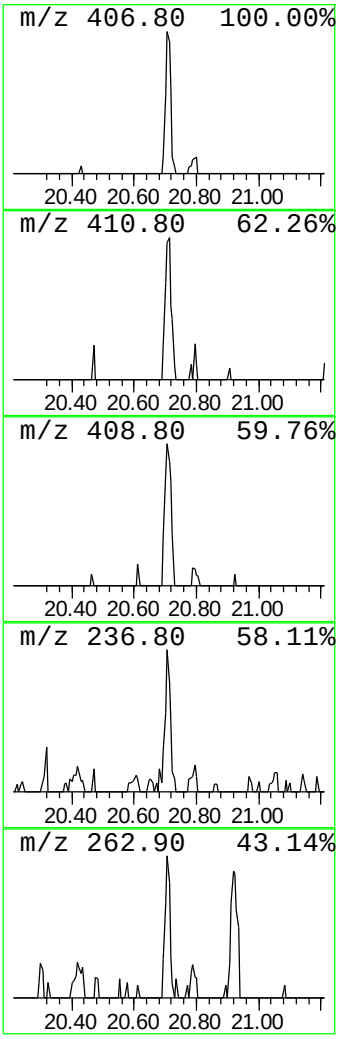
****

Peak Number 7 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	2.93 ng/ul	96255	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Nonachlor	440	C10H5Cl9	039765-80-5	47
2	cis-Nonachlor	440	C10H5Cl9	005103-73-1	46
3	4,7-Methano-1H-indene, 1,2,3,4,5...	438	C10H3Cl9	021641-70-3	27
4	9,10-Anthracenedione, 1,2,5,8-te...	272	C14H8O6	000081-61-8	25
5	6-Methoxy-8-nitro-4-trifluoromet...	272	C11H7F3N2O3	1000214-30-0	25





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Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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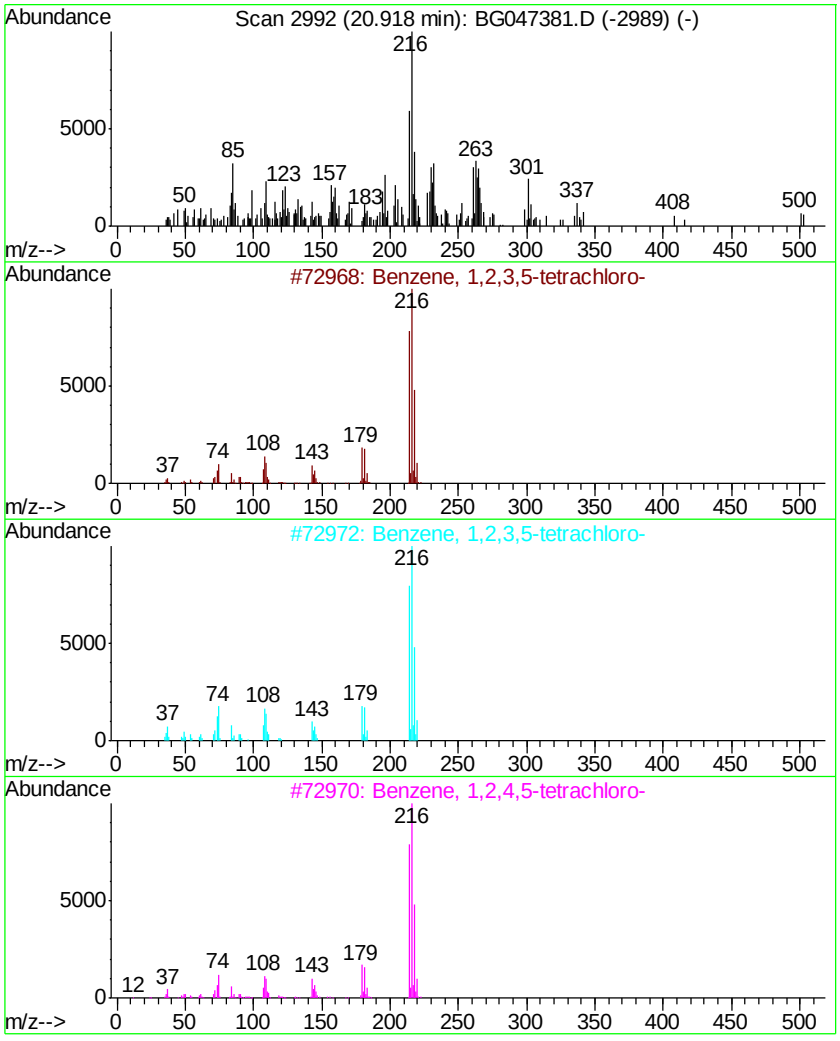
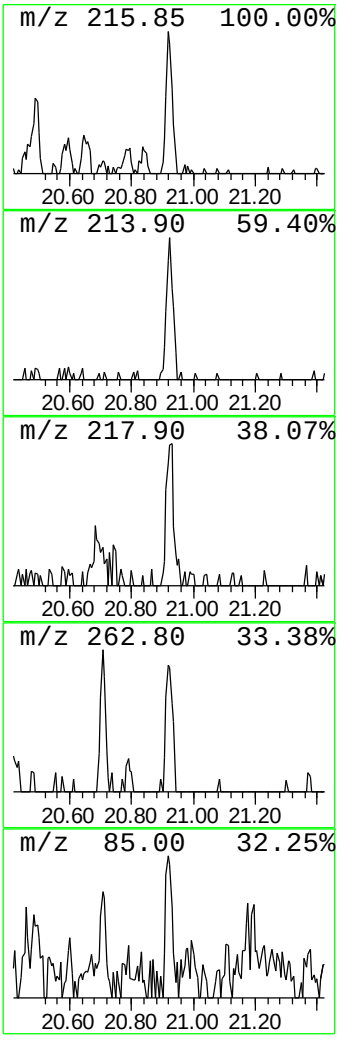
Peak Number 8 Benzene, 1,2,3,5-tetrachloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.39 ng/ul	111555	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	60
2	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	46
3	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	46
4	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	46
5	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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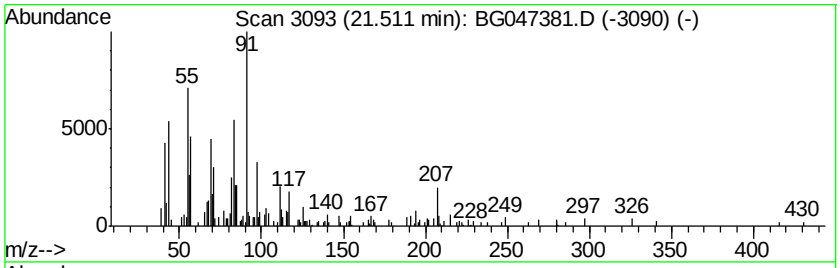
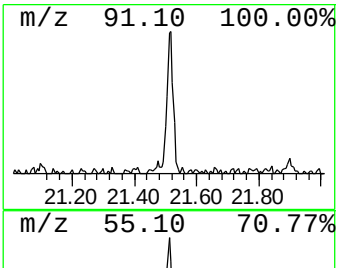
Peak Number 9 (DEL) Alkane: Cyclic21.51 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	3.46 ng/ul	113849	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	52
2	1-Eicosene	280	C20H40	003452-07-1	50
3	Cycloeicosane	280	C20H40	000296-56-0	43
4	Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	43
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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
2,4,7,9-Tetrameth...	13.77	3.1	ng/ul	84156	3	14.88	538001	20.0
1-Perchloroetheny...	18.88	13.6	ng/ul	465497	4	17.62	683473	20.0
unknown-01	19.50	2.1	ng/ul	73362	4	17.62	683473	20.0
4,7-Methanoindene...	19.75	5.2	ng/ul	175923	4	17.62	683473	20.0
cis-Chlordane	19.79	10.8	ng/ul	354180	5	21.89	657822	20.0
unknown-02	20.71	2.9	ng/ul	96255	5	21.89	657822	20.0
Benzene, 1,2,3,5-...	20.92	3.4	ng/ul	111555	5	21.89	657822	20.0
(DEL) Alkane: Cyc...	21.51	3.5	ng/ul	113849	5	21.89	657822	20.0