LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN071318MA.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	5.070	347	354	365	rVB	1193796	1960482	17.38%	1.464%
2	6.887	656	663	674	rVB2	217448	417678	3.70%	0.312%
3	7.046	684	690	702	rBV	897523	1409713	12.50%	1.053%
4	7.240	717	723	737	rVB2	864647	1803314	15.99%	1.347%
5	7.593	774	783	792	rVB	191275	309782	2.75%	0.231%
6	7.705	794	802	805	rBV	1391818	2404253	21.32%	1.796%
7	7.740	805	808	820	rVB	2035131	3018244	26.76%	2.254%
8	8.052	852	861	870	rBV	6782734	11276982	100.00%	8.422%
9	8.411	916	922	934	rVB	661180	1095283	9.71%	0.818%
10	8.852	989	997	1000	rBV	1115160	1866742	16.55%	1.394%
11	8.899	1000	1005	1015	rVB	3840651	6305706	55.92%	4.709%
12	9.569	1112	1119	1132	rBV	934804	1710868	15.17%	1.278%
13	10.105	1203	1210	1217	rBV	1326459	2248373	19.94%	1.679%
14	10.175	1217	1222	1228	rVB	114764	206569	1.83%	0.154%
15	10.346	1243	1251	1265	rBV	2086616	3711966	32.92%	2.772%
16	10.481	1265	1274	1281	rBV	2130625	3548293	31.46%	2.650%
17	10.863	1328	1339	1348	rVB	1499204	2506828	22.23%	1.872%
18	11.081	1363	1376	1390	rBV	3200050	5338627	47.34%	3.987%
19	11.293	1404	1412	1420	rBV	685089	1226487	10.88%	0.916%
20	11.775	1489	1494	1505	rVB2	164861	302916	2.69%	0.226%
21	12.463	1606	1611	1616	rBV2	232126	390138	3.46%	0.291%
22	12.516	1616	1620	1628	rVB	95046	154792	1.37%	0.116%
23	12.763	1653	1662	1673	rBV6	46526	150636	1.34%	0.112%
24	12.910	1681	1687	1693	rBV2	115353	184710	1.64%	0.138%
25	13.128	1718	1724	1736	rVB	828346	1330717	11.80%	0.994%
26	13.357	1757	1763	1772	rVB2	256832	439552	3.90%	0.328%
27	13.746	1820	1829	1835	rBV	2994881	4626275	41.02%	3.455%
28	13.799	1835	1838	1845	rVB2	86983	145683	1.29%	0.109%
29	14.028	1871	1877	1886	rVB	3203393	4829987	42.83%	3.607%
30	14.340	1919	1930	1940	rBV2	3239373	5069441	44.95%	3.786%
31	14.551	1961	1966	1974	rBV	244980	421355	3.74%	0.315%
32	14.834	2008	2014	2024	rBV6	67268	161689	1.43%	0.121%
33	15.334	2092	2099	2107	rBV	4288880	6165051	54.67%	4.604%
34	15.457	2114	2120	2129	rBV	1479361	2059468	18.26%	1.538%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN071318MA.M
Title : SVOA CALIBRATION

35	16.892	2355	2364	2372	rVB2	93998	191552	1.70%	0.143%
36	17.087	2390	2397	2407	rBV	4267626	6170957	54.72%	4.609%
37	17.181	2407	2413	2422	rBV2	4781067	6963181	61.75%	5.200%
38	17.704	2492	2502	2509	rBV5	74877	151963	1.35%	0.113%
39	18.057	2557	2562	2569	rVB4	103312	179883	1.60%	0.134%
40	18.463	2621	2631	2640	rBV	3318818	4977365	44.14%	3.717%
41	18.539	2641	2644	2648	rVV4	82056	131611	1.17%	0.098%
42	18.586	2648	2652	2661	rVB2	169810	318441	2.82%	0.238%
43	18.792	2683	2687	2692	rVB	218439	302273	2.68%	0.226%
44	19.486	2798	2805	2811	rBV	6018423	8373880	74.26%	6.254%
45	21.286	3105	3111	3116	rBV	5585352	7700118	68.28%	5.751%
46	22.351	3289	3292	3297	rVB2	160597	205184	1.82%	0.153%
47	22.857	3374	3378	3384	rVB	311557	430040	3.81%	0.321%
48	23.380	3460	3467	3472	rBV	4981826	8984734	79.67%	6.710%
49	23.522	3484	3491	3502	rVB	4193599	7933735	70.35%	5.925%
50	24.069	3579	3584	3591	rVB	502793	933670	8.28%	0.697%
51	24.810	3705	3710	3721	rVB	536327	1153690	10.23%	0.862%

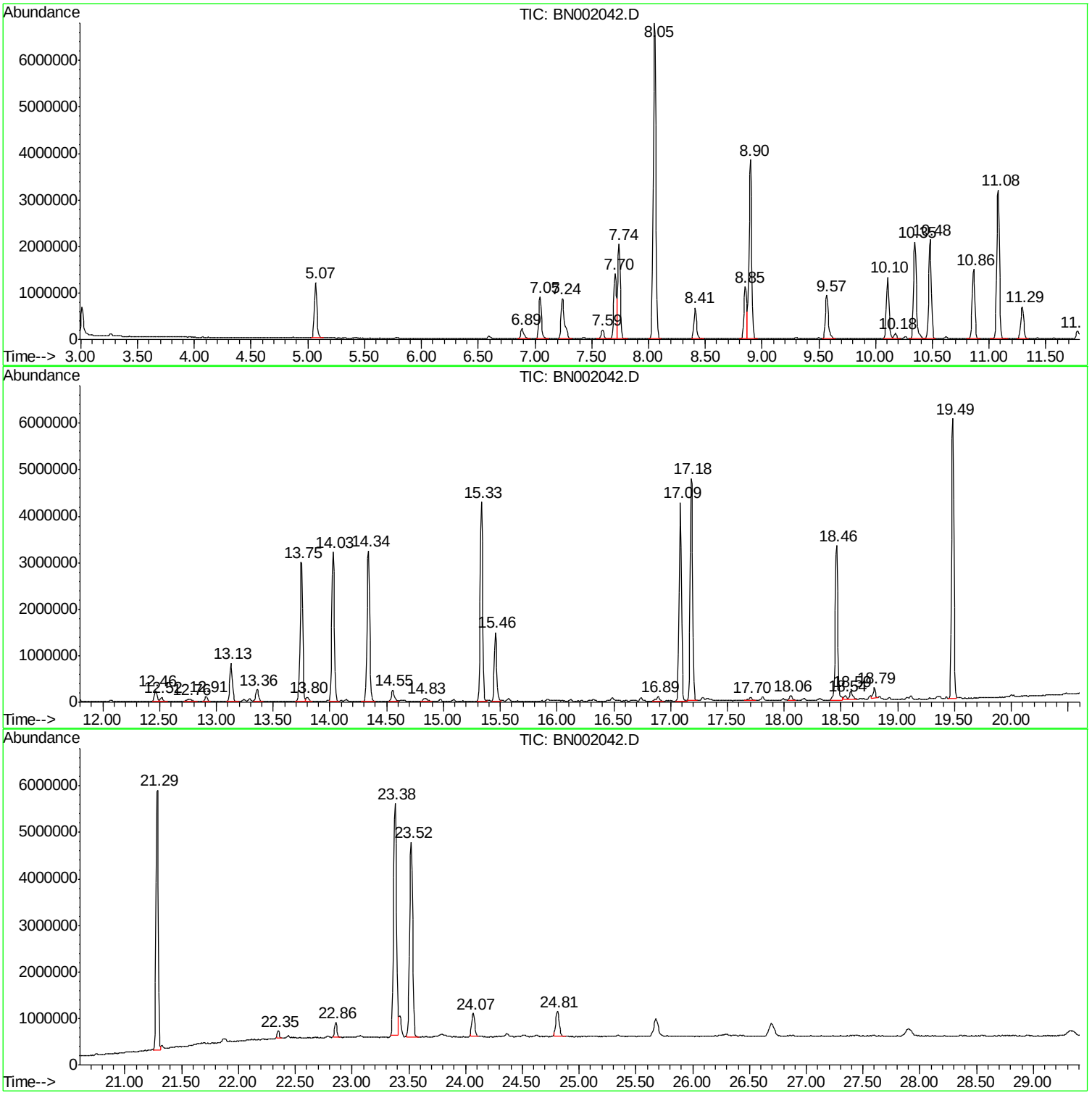
Sum of corrected areas: 133900877

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

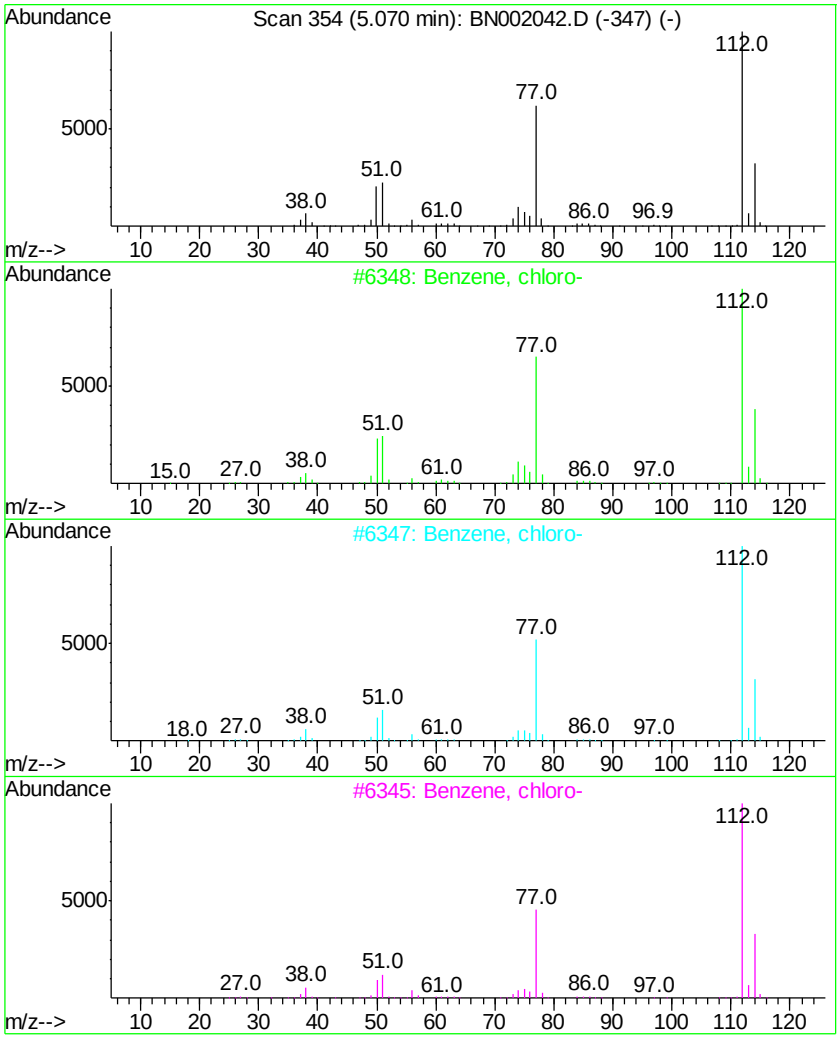
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

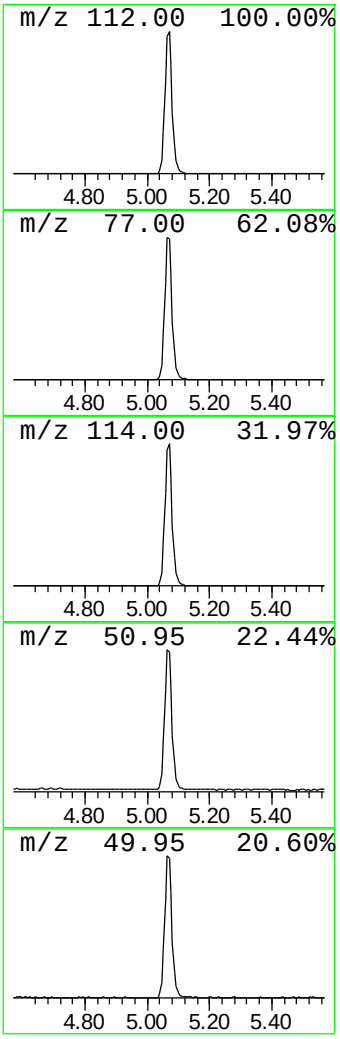
****

Peak Number 1 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	16.31 ng/ul	1960480	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	81
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

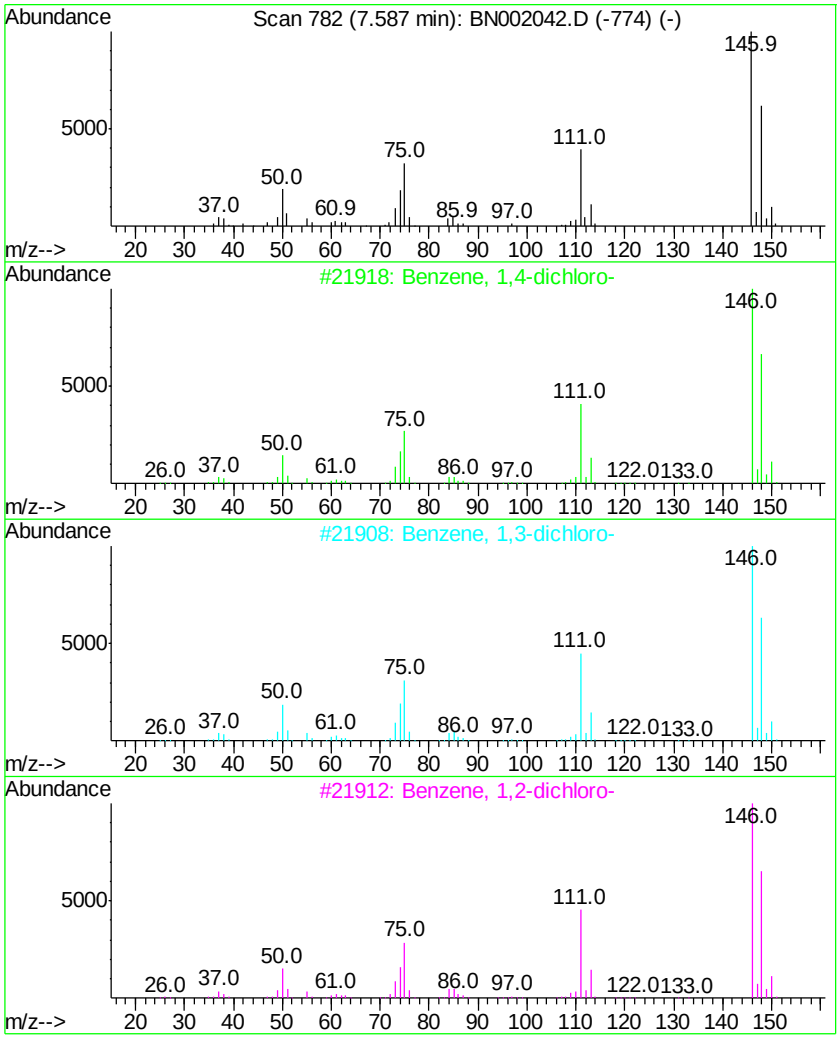
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

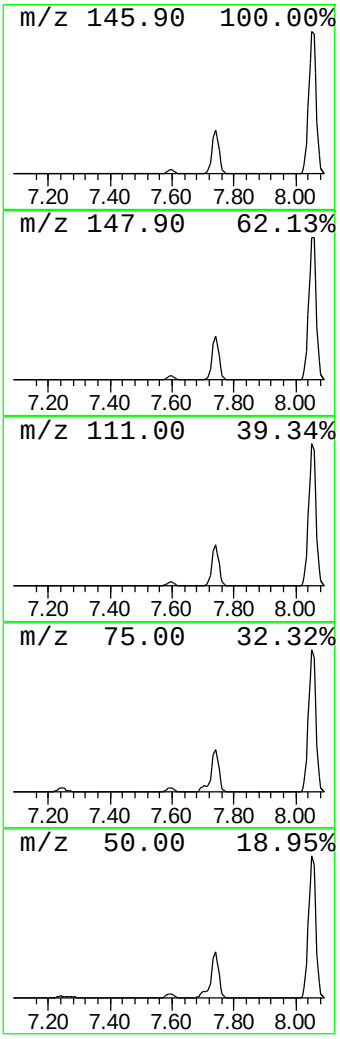
****

Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.58 ng/ul	309782	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

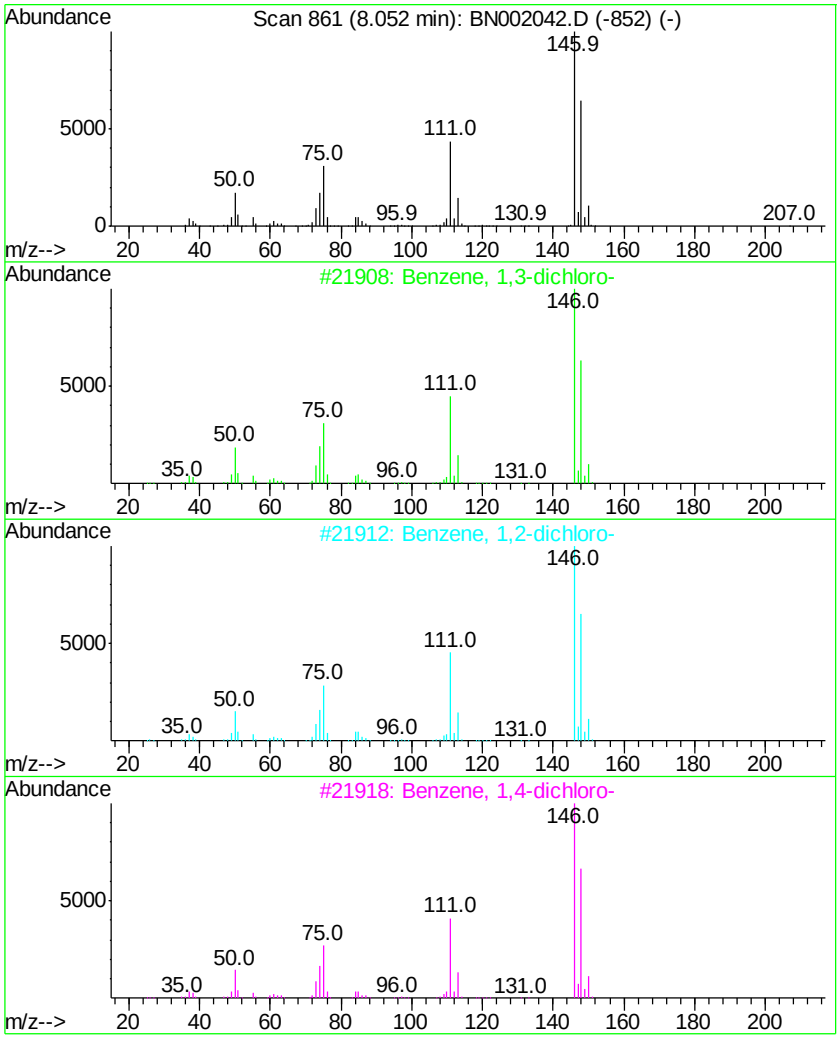
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

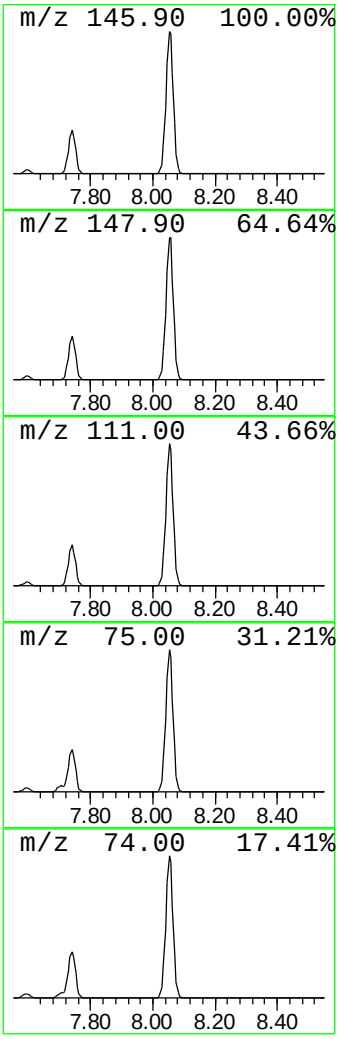
****

Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	93.81 ng/ul	11277000	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

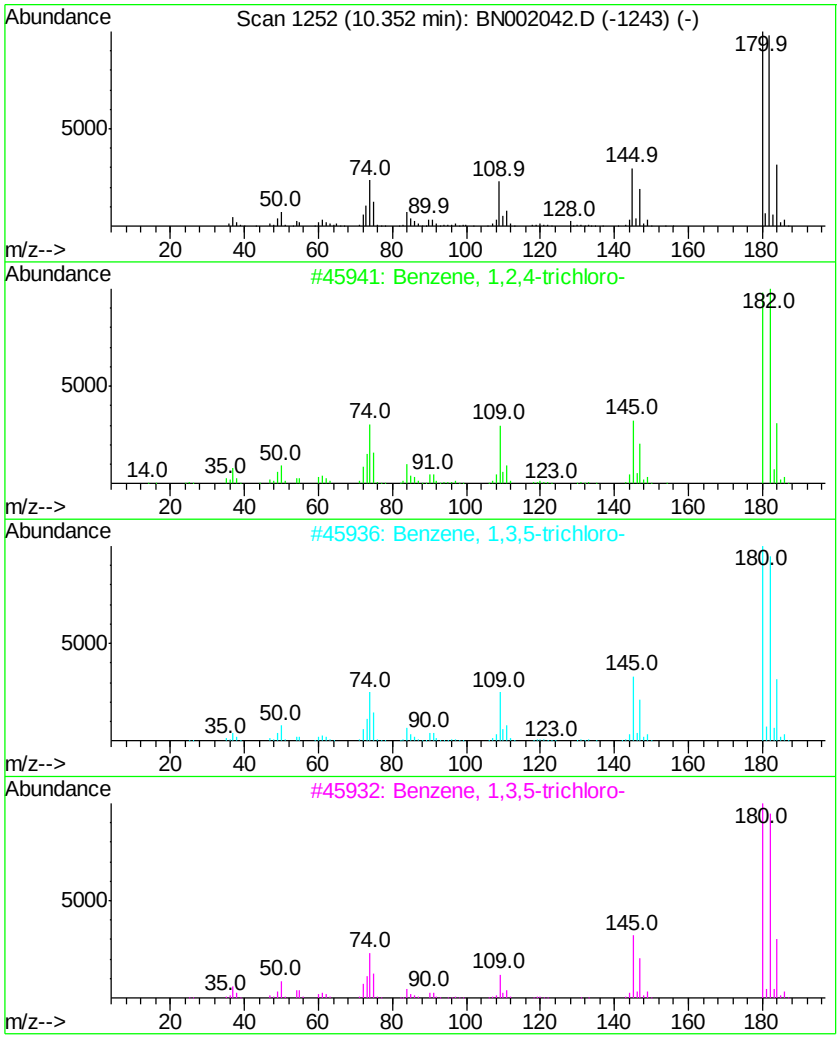
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

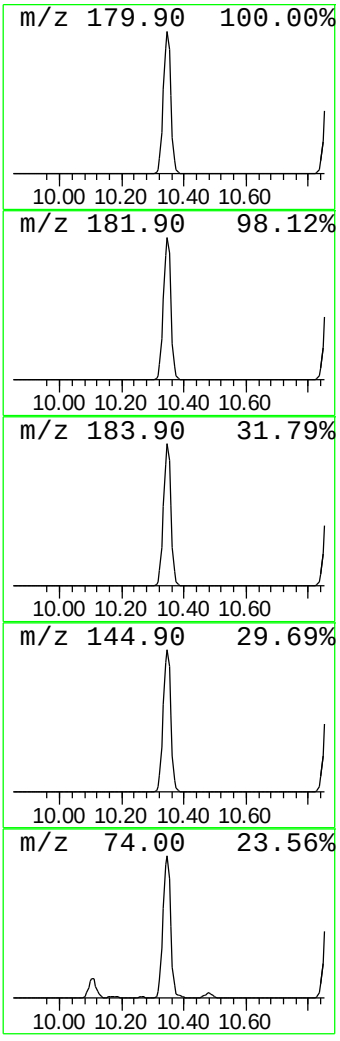
****

Peak Number 4 Benzene, 1,2,4-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	20.92 ng/ul	3711970	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

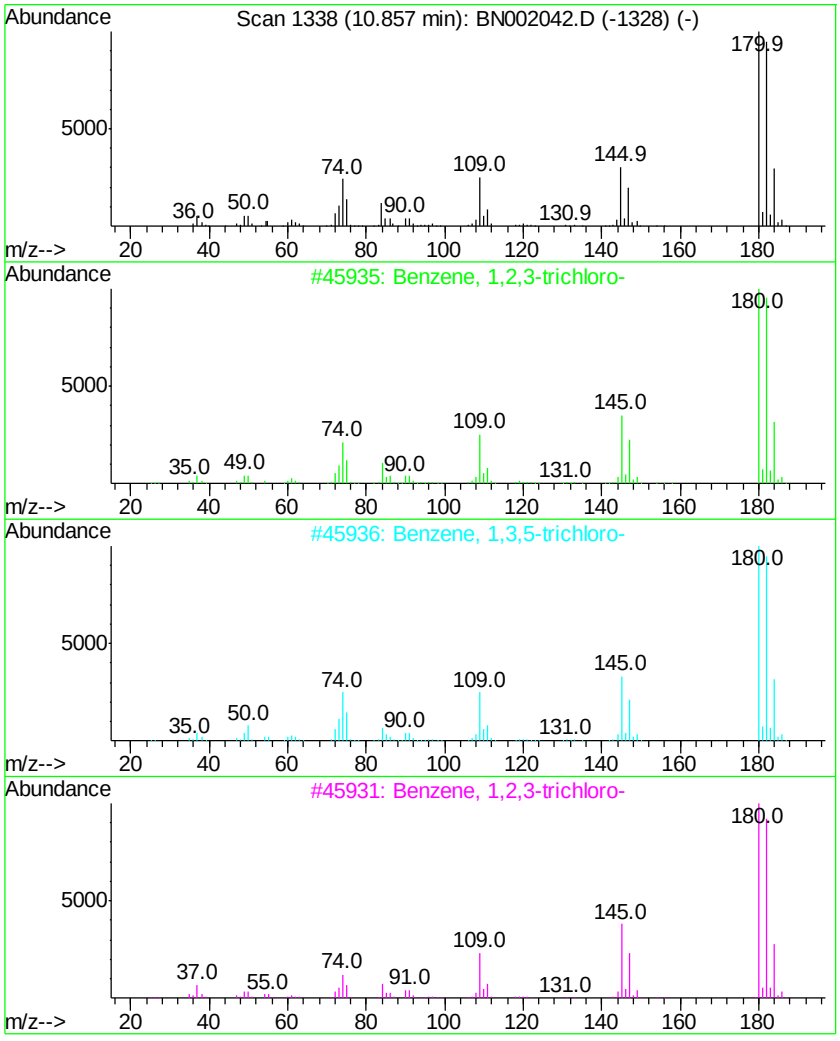
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

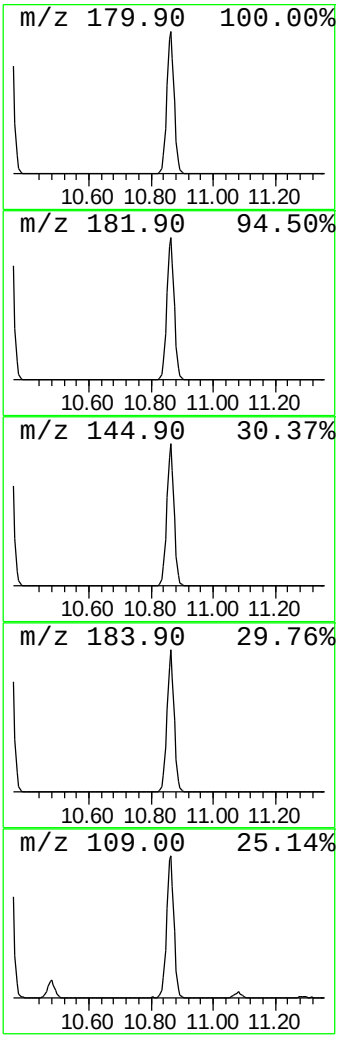
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	14.13 ng/ul	2506830	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

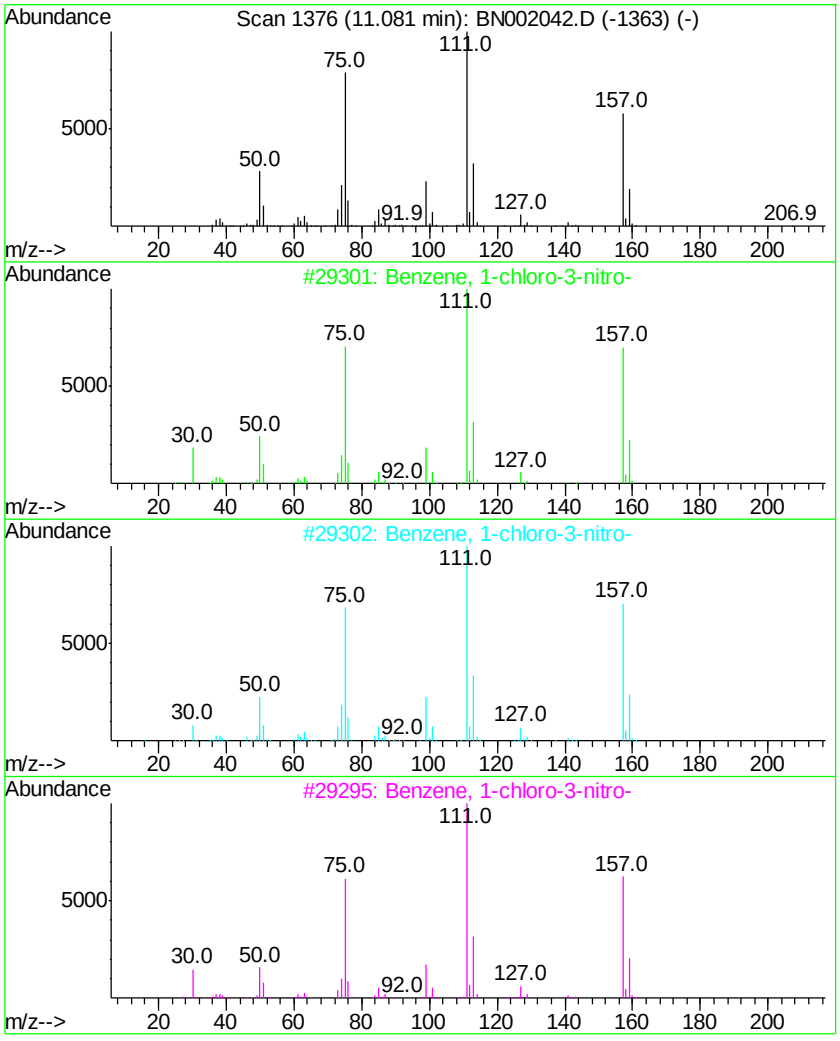
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

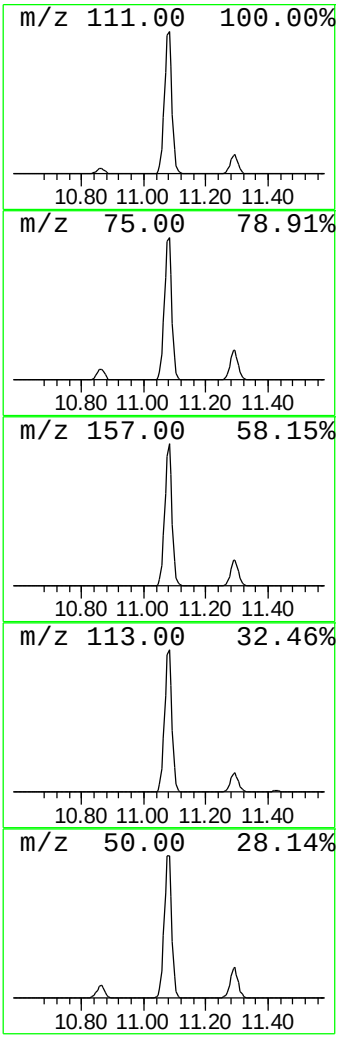
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	30.09 ng/ul	5338630	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

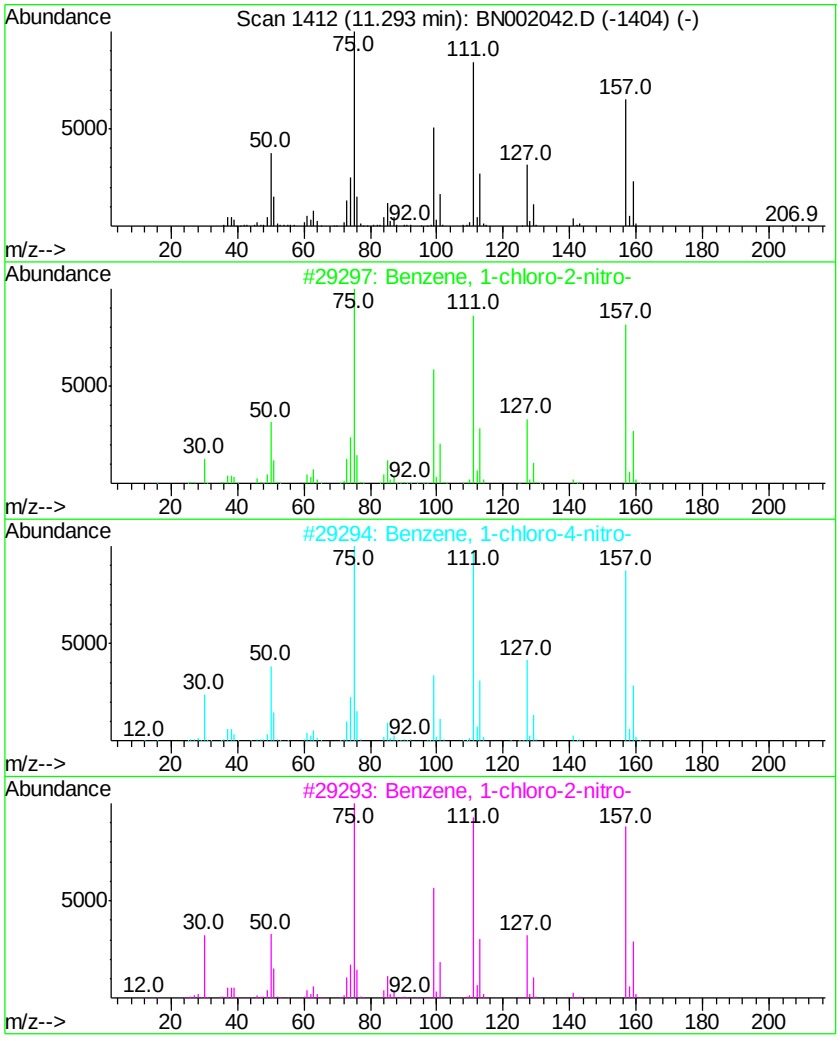
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

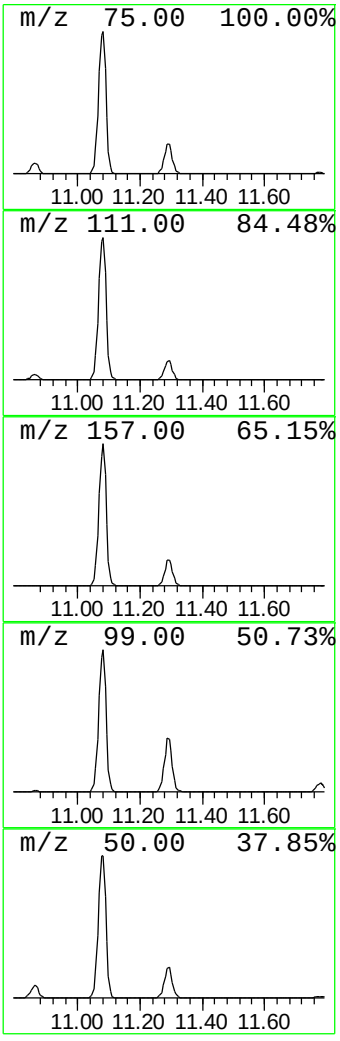
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	6.91 ng/ul	1226490	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

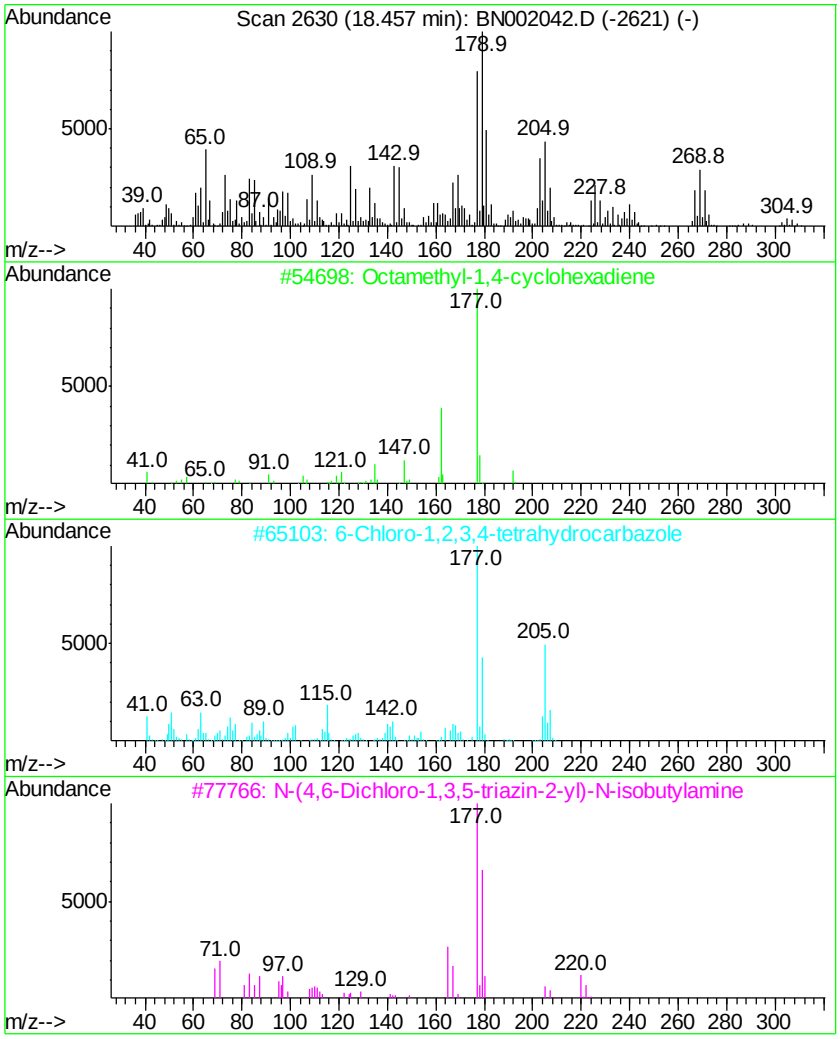
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

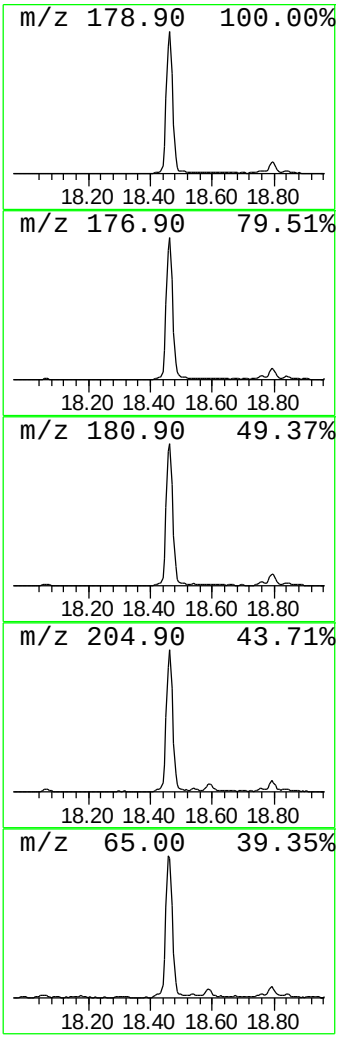
****

Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	16.13 ng/ul	4977370	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	44
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
3	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	27
4	2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	18
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

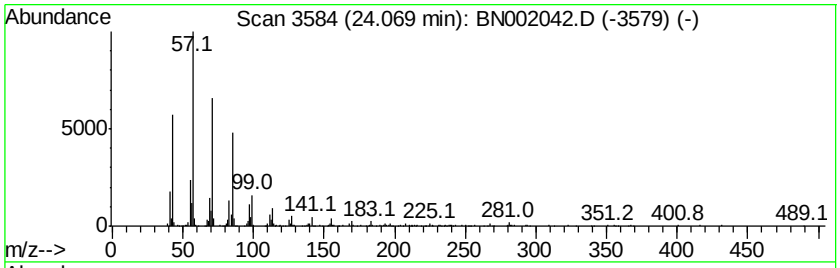
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

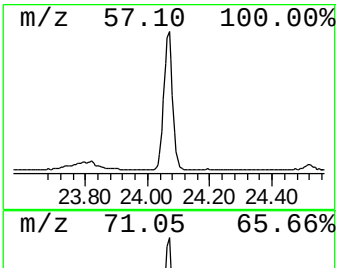
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

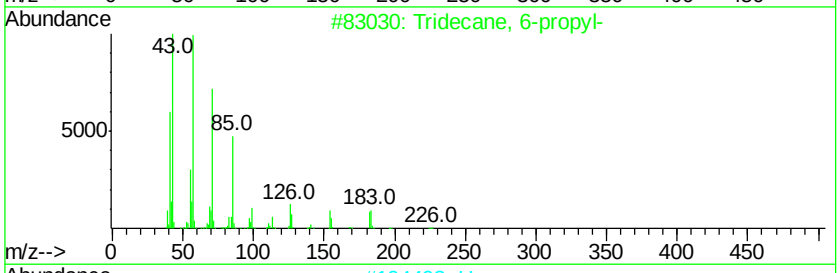
****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

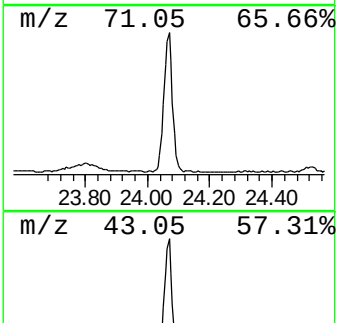
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.35 ng/ul	933670	Perylene-d12	23.52

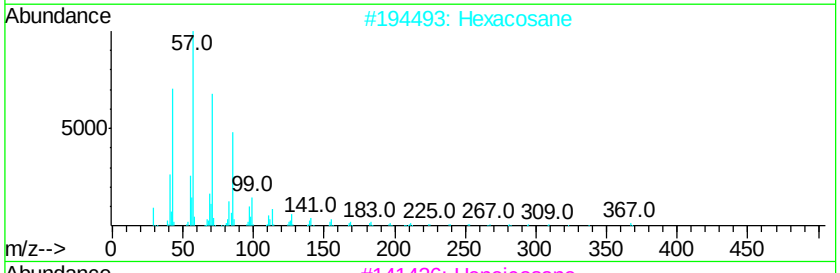
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hexatriacontane	507	C36H74	000630-06-8	87

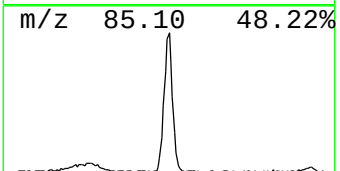


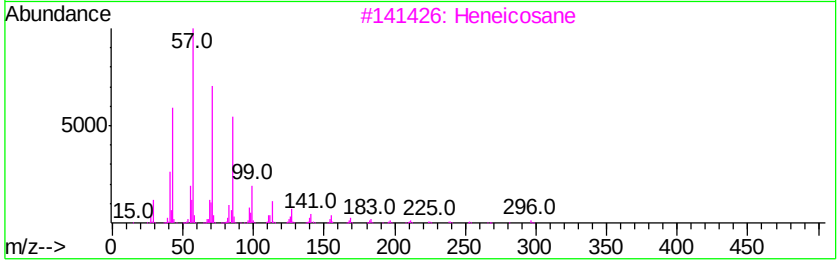


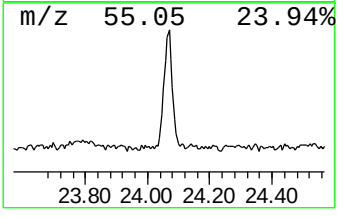












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

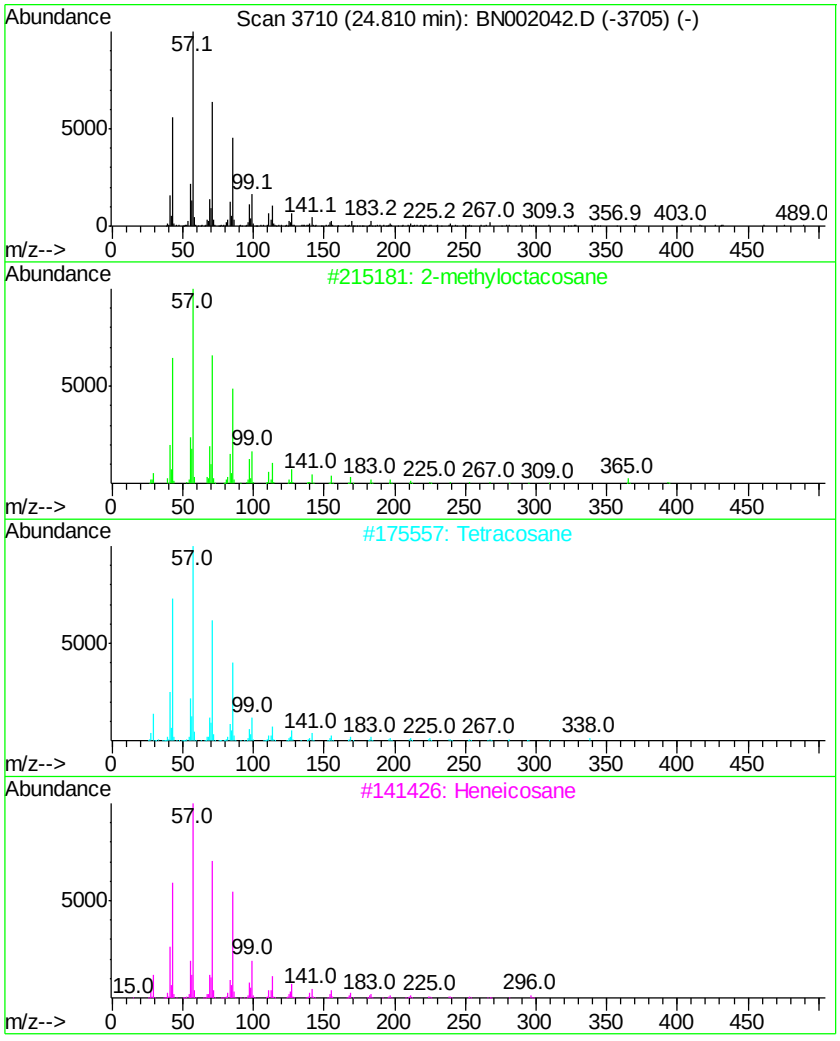
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

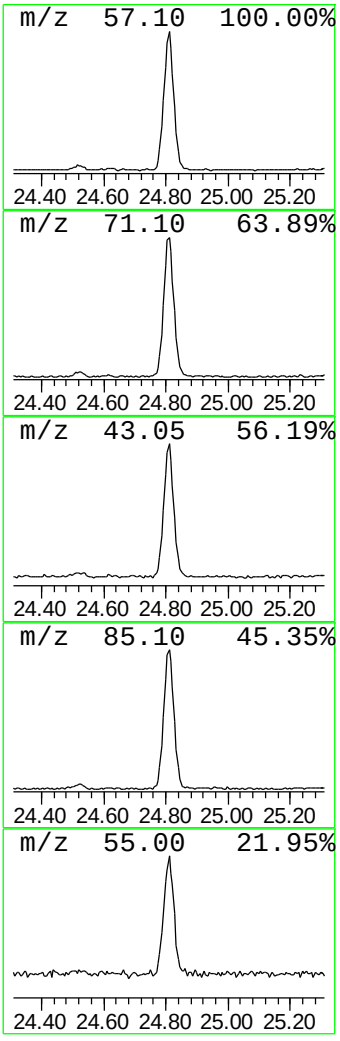
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	2.91 ng/ul	1153690	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Hexatriacontane	507	C36H74	000630-06-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071318\
Data File : BN002042.D
Acq On : 13 Jul 2018 19:52
Operator : JU/SJ
Sample : J3847-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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, chloro-	5.07	16.3	ng/ul	1960480	1	7.70	2404250	20.0
Benzene, 1,4-dich...	7.59	2.6	ng/ul	309782	1	7.70	2404250	20.0
Benzene, 1,3-dich...	8.05	93.8	ng/ul	11277000	1	7.70	2404250	20.0
Benzene, 1,2,4-tr...	10.35	20.9	ng/ul	3711970	2	10.48	3548290	20.0
Benzene, 1,2,3-tr...	10.86	14.1	ng/ul	2506830	2	10.48	3548290	20.0
Benzene, 1-chloro...	11.08	30.1	ng/ul	5338630	2	10.48	3548290	20.0
Benzene, 1-chloro...	11.29	6.9	ng/ul	1226490	2	10.48	3548290	20.0
unknown-01	18.46	16.1	ng/ul	4977370	4	17.09	6170960	20.0
(DEL) Alkane: Str...	24.07	2.4	ng/ul	933670	6	23.52	7933740	20.0
(DEL) Alkane: Str...	24.81	2.9	ng/ul	1153690	6	23.52	7933740	20.0