LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092418\
Data File : BN002840.D
Acq On : 24 Sep 2018 23:03
Operator : JU/SJ
Sample : J5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C08W4

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-BN091418MA.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	3.217	35	39	44	rBV	38358	46466	1.27%	0.089%
2	5.011	338	344	355	rVB	225677	345732	9.47%	0.661%
3	6.828	648	653	669	rVB	156547	289297	7.92%	0.553%
4	6.987	673	680	692	rBV	579716	925088	25.33%	1.768%
5	7.181	706	713	726	rVB	613359	1126078	30.84%	2.152%
6	7.534	768	773	780	rVB	47182	69501	1.90%	0.133%
7	7.640	785	791	794	rBV	504782	786616	21.54%	1.503%
8	7.675	794	797	809	rVB	339217	535707	14.67%	1.024%
9	7.987	842	850	862	rBV	1973402	3218779	88.14%	6.152%
10	8.352	906	912	926	rBV	447491	758243	20.76%	1.449%
11	8.793	980	987	990	rBV	706679	1184718	32.44%	2.264%
12	8.840	990	995	1007	rVB	1853547	3109191	85.14%	5.943%
13	9.505	1102	1108	1121	rVB	566492	1049440	28.74%	2.006%
14	10.046	1193	1200	1209	rBV	785189	1454384	39.83%	2.780%
15	10.122	1209	1213	1220	rVV	34396	70802	1.94%	0.135%
16	10.275	1233	1239	1246	rBV	635934	1076611	29.48%	2.058%
17	10.346	1246	1251	1256	rVV3	26734	62353	1.71%	0.119%
18	10.410	1256	1262	1269	rVB	727014	1167253	31.96%	2.231%
19	10.793	1317	1327	1337	rBV	437711	744417	20.39%	1.423%
20	11.016	1358	1365	1377	rBV	1615960	2660565	72.86%	5.085%
21	11.228	1394	1401	1416	rVB	289824	583827	15.99%	1.116%
22	11.728	1482	1486	1500	rVB	66016	125371	3.43%	0.240%
23	12.416	1597	1603	1607	rBV	97551	173598	4.75%	0.332%
24	12.457	1607	1610	1618	rVB	60934	94000	2.57%	0.180%
25	12.710	1646	1653	1661	rBV3	19594	42260	1.16%	0.081%
26	12.863	1674	1679	1685	rBV	49444	73859	2.02%	0.141%
27	13.069	1709	1714	1724	rBV	280400	457644	12.53%	0.875%
28	13.322	1753	1757	1771	rVB	70931	119815	3.28%	0.229%
29	13.693	1813	1820	1829	rBV	1580343	2363324	64.72%	4.517%
30	13.757	1829	1831	1840	rVB4	45394	70769	1.94%	0.135%
31	13.969	1860	1867	1877	rVB	1853341	2792869	76.48%	5.338%
32	14.275	1912	1919	1927	rBV2	977439	1519797	41.62%	2.905%
33	14.528	1957	1962	1972	rBV	64533	157148	4.30%	0.300%
34	15.275	2083	2089	2099	rVB	2374325	3373852	92.39%	6.448%

LSC Area Percent Report

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Sample : J5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C08W4

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-BN091418MA.M
Title : SVOA CALIBRATION

35	15.416	2108	2113	2126	rBV	667133	1013132	27.74%	1.936%
36	16.698	2326	2331	2338	rBV2	30016	48139	1.32%	0.092%
37	17.028	2381	2387	2398	rBV	1201882	1651580	45.23%	3.157%
38	17.128	2398	2404	2416	rBV	2406171	3404534	93.23%	6.507%
39	17.998	2548	2552	2559	rVB	191327	266438	7.30%	0.509%
40	18.257	2590	2596	2600	rBV2	80032	110070	3.01%	0.210%
41	18.404	2611	2621	2631	rBV	1212438	1776530	48.65%	3.395%
42	18.522	2636	2641	2653	rVB6	111517	256854	7.03%	0.491%
43	18.739	2674	2678	2682	rVV2	46635	66956	1.83%	0.128%
44	19.428	2789	2795	2807	rBV	2721793	3651711	100.00%	6.980%
45	21.233	3096	3102	3110	rBV	1209739	1693073	46.36%	3.236%
46	22.269	3275	3278	3283	rVB	58758	72126	1.98%	0.138%
47	22.763	3358	3362	3368	rVB	78742	113526	3.11%	0.217%
48	23.298	3446	3453	3465	rBV	1870205	3517946	96.34%	6.724%
49	23.439	3470	3477	3492	rVB	829299	1635401	44.78%	3.126%
50	23.945	3557	3563	3568	rBV2	90144	160018	4.38%	0.306%
51	24.663	3680	3685	3694	rVB	76385	155209	4.25%	0.297%
52	25.510	3824	3829	3836	rVB	44445	97728	2.68%	0.187%

Sum of corrected areas: 52320345

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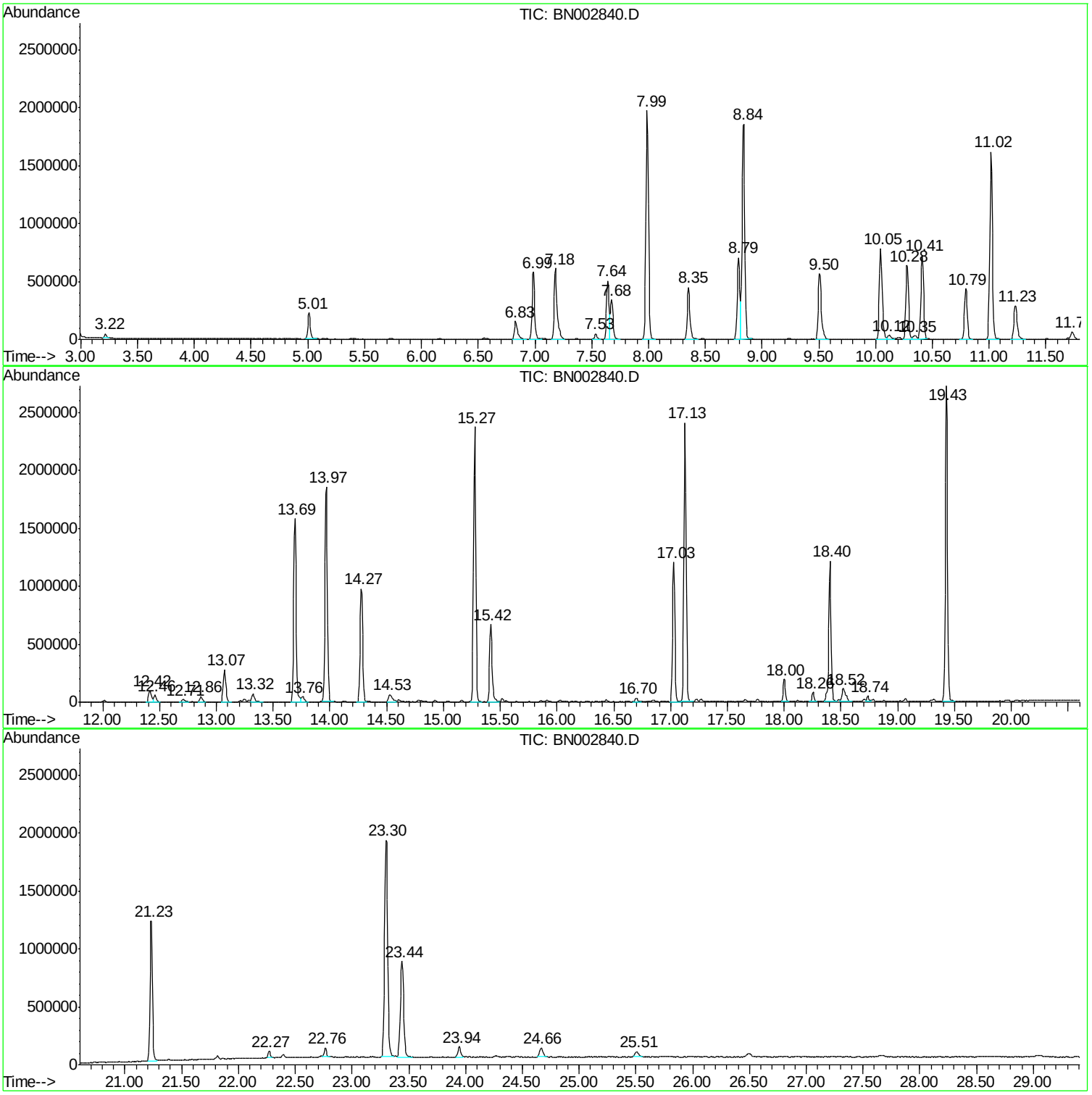
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C08W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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\BN092418\
Data File : BN002840.D
Acq On : 24 Sep 2018 23:03
Operator : JU/SJ
Sample : J5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C08W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

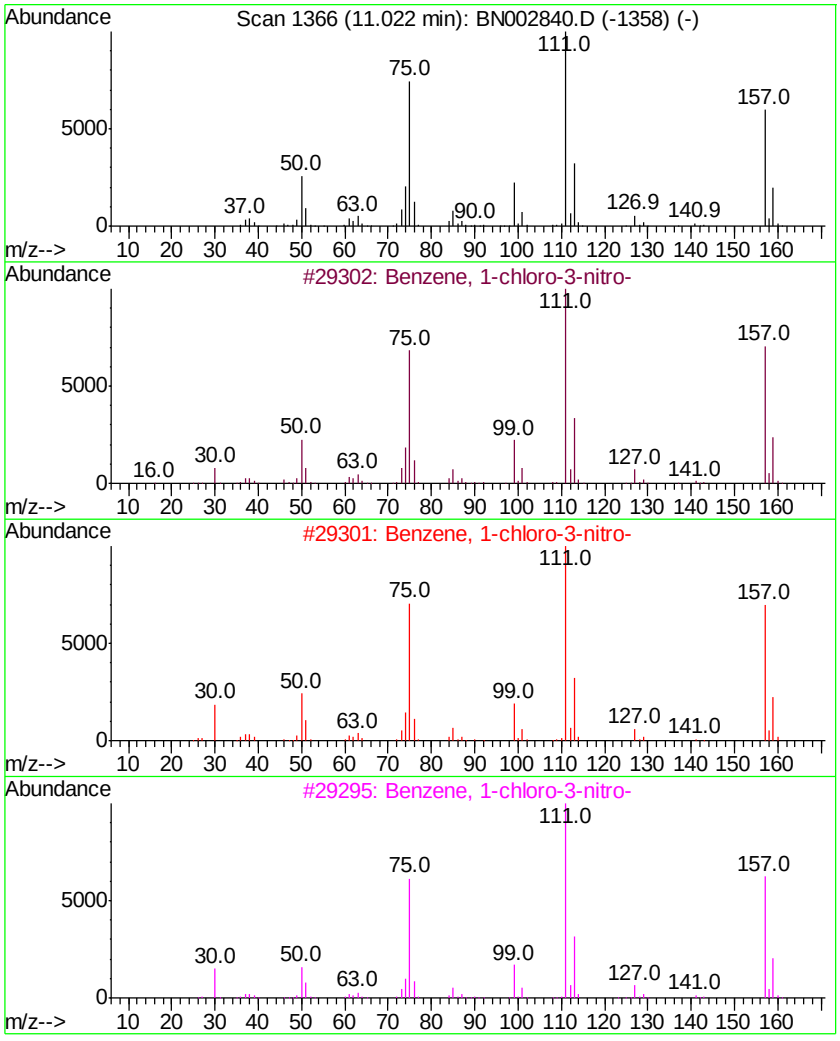
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

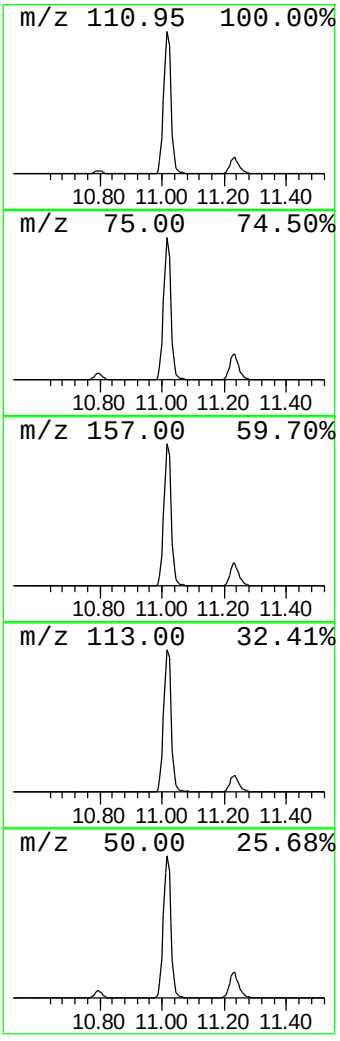
****

Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	45.59 ng/ul	2660570	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
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	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092418\
Data File : BN002840.D
Acq On : 24 Sep 2018 23:03
Operator : JU/SJ
Sample : J5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C08W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

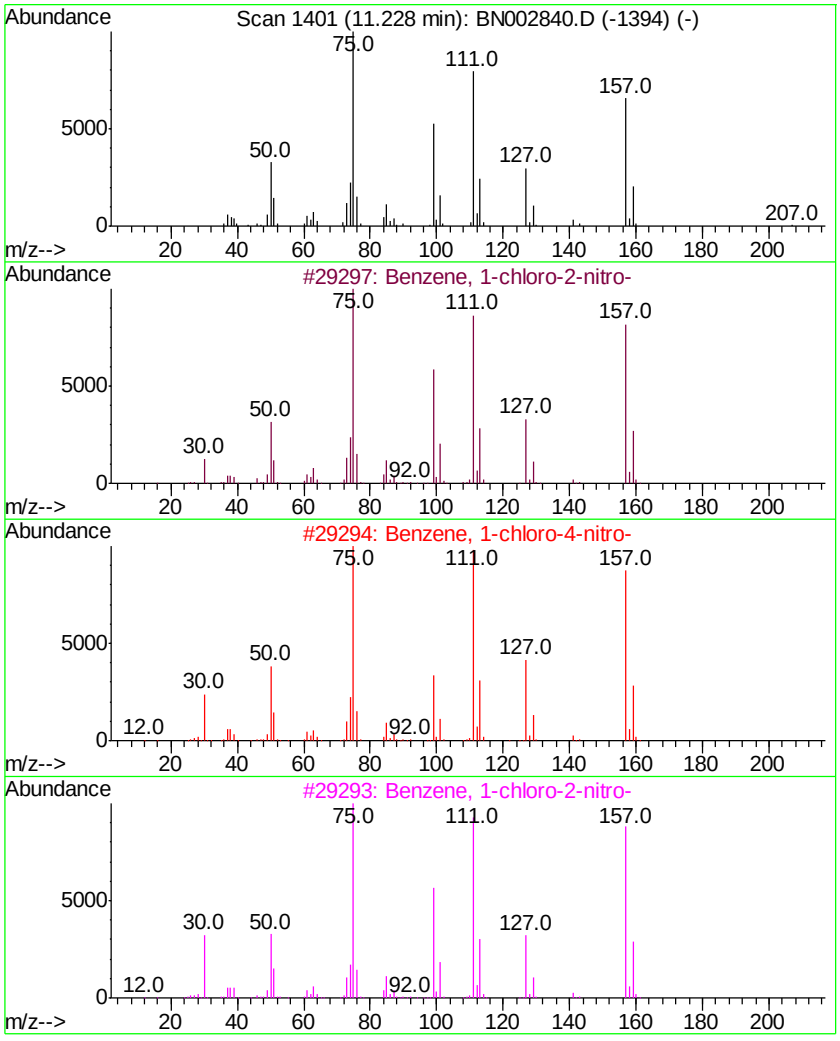
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

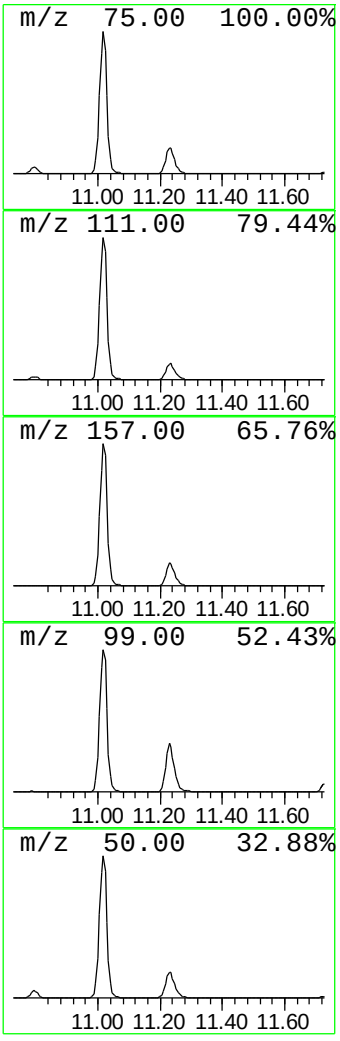
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	10.00 ng/ul	583827	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
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-2-nitro-	157	C6H4ClNO2	000088-73-3	96
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092418\
Data File : BN002840.D
Acq On : 24 Sep 2018 23:03
Operator : JU/SJ
Sample : J5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C08W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

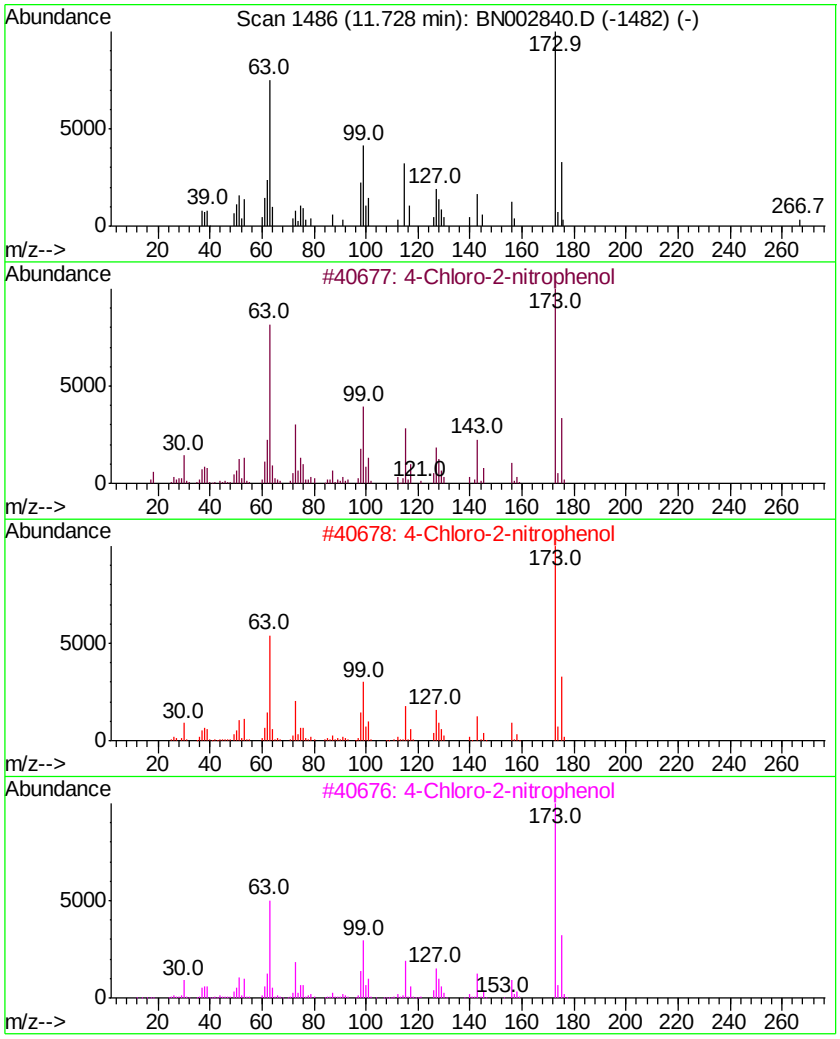
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

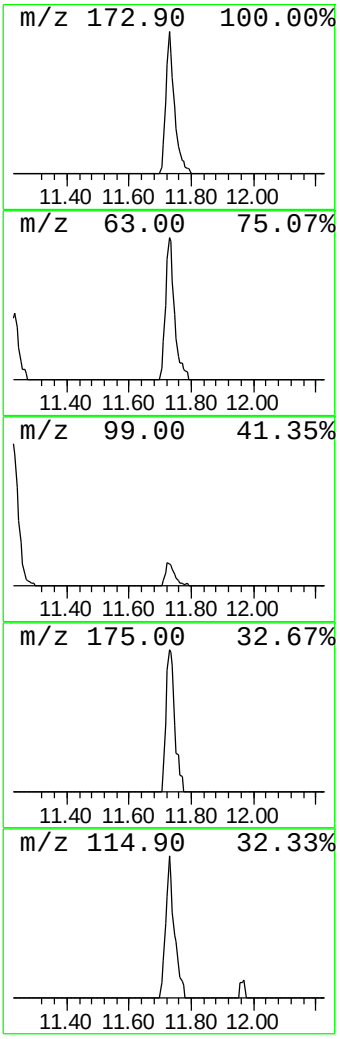
****

Peak Number 7 4-Chloro-2-nitrophenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.15 ng/ul	125371	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	96
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	94
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	93
4	Propane, 1,1,2-trichloro-	146	C3H5Cl3	000598-77-6	50
5	Methanesulfinyl chloride	98	CH3ClOS	000676-85-7	46





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C08W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

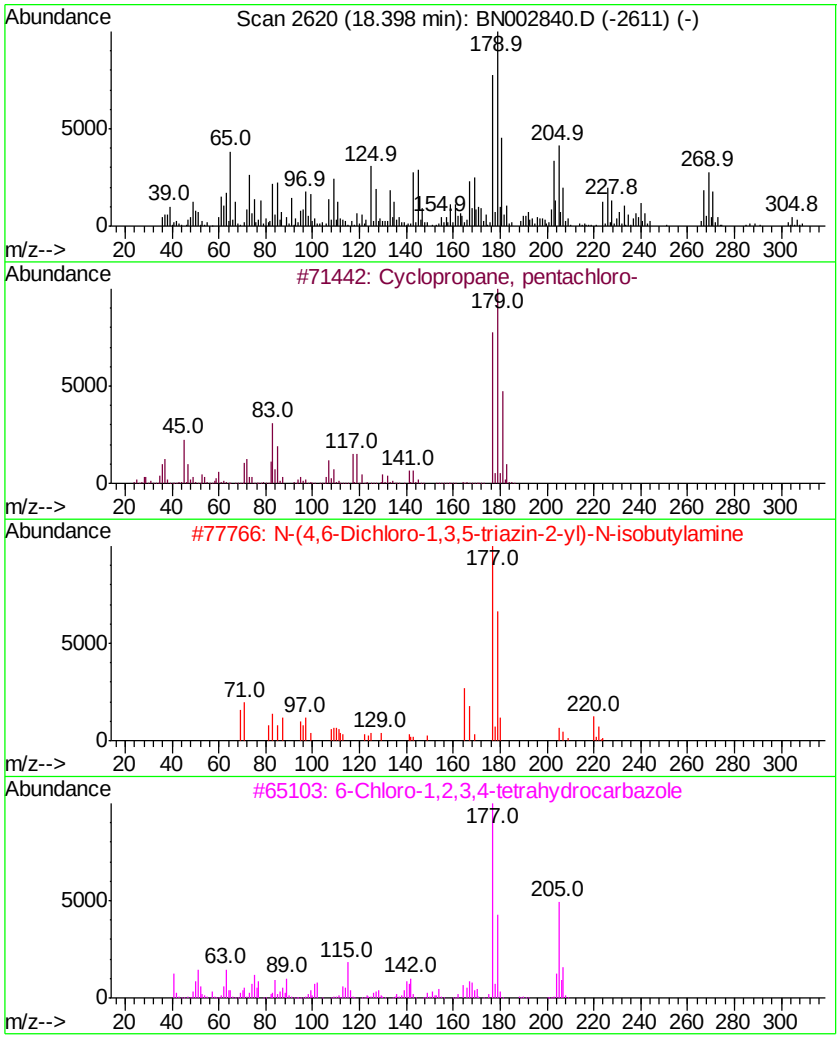
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

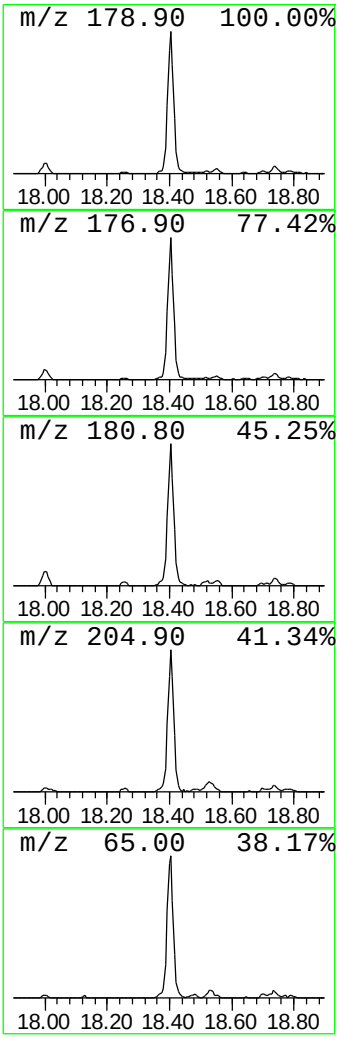
****

Peak Number 9 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	21.51 ng/ul	1776530	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	37
2	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	27
3	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
4	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	25
5	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	18





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C08W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

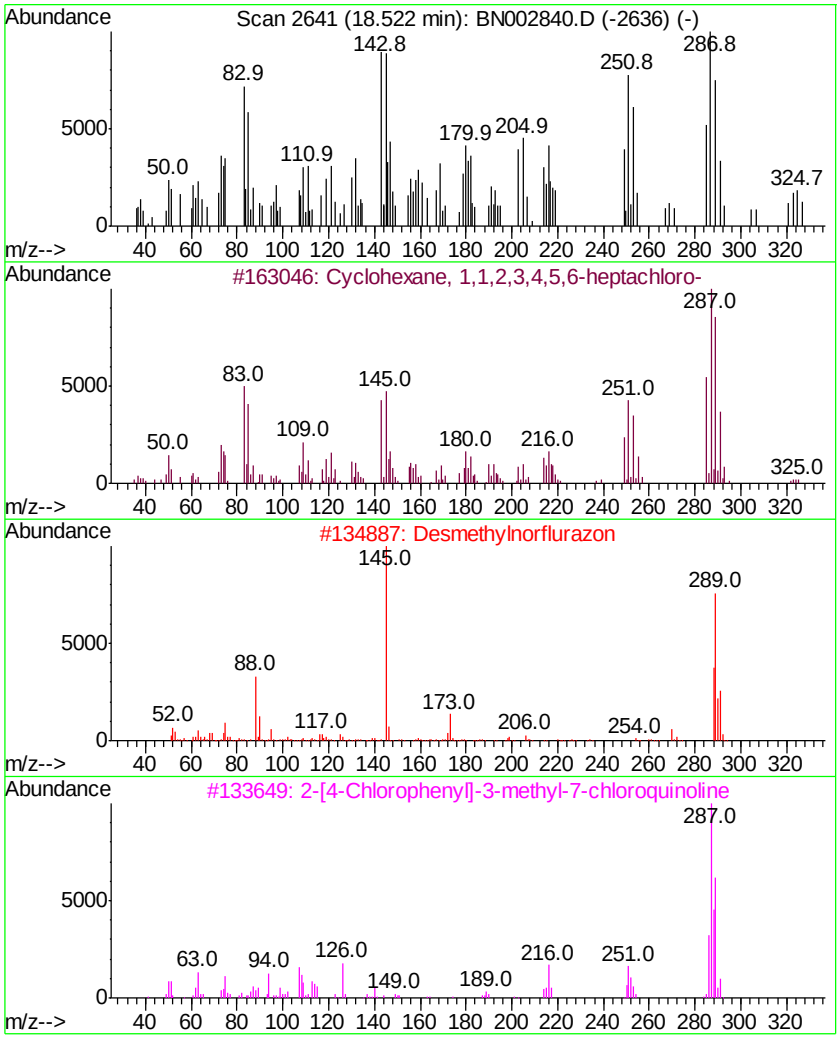
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

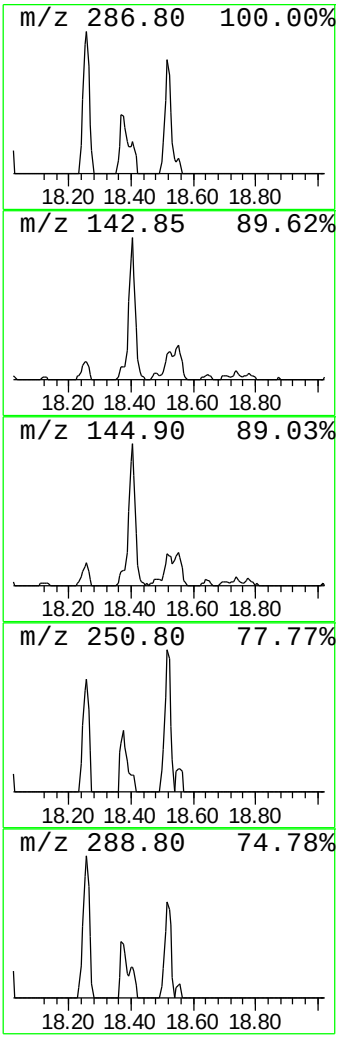
****

Peak Number 10 Cyclohexane, 1,1,2,3,4,5,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.11 ng/ul	256854	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3,4,5,6-hepta...	322	C6H5Cl7	000707-55-1	91
2	Desmethylnorflurazon	289	C11H7ClF3N3O	023576-24-1	18
3	2-[4-Chlorophenyl]-3-methyl-7-ch...	287	C16H11Cl2N	1000254-79-1	18
4	Pyridine, pentachloro-	249	C5Cl5N	002176-62-7	14
5	Pyridine, pentachloro-	249	C5Cl5N	002176-62-7	14





Tentatively Identified Compound (LSC) summary

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ClientSampleId : C08W4

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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...	11.02	45.6	ng/ul	2660570	2	10.41	1167250	20.0
Benzene, 1-chloro...	11.23	10.0	ng/ul	583827	2	10.41	1167250	20.0
4-Chloro-2-nitrop...	11.73	2.1	ng/ul	125371	2	10.41	1167250	20.0
unknown-01	18.40	21.5	ng/ul	1776530	4	17.03	1651580	20.0
Cyclohexane, 1,1,...	18.52	3.1	ng/ul	256854	4	17.03	1651580	20.0