LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011475.D
Acq On : 18 Aug 2020 06:38
Operator : CG/JU
Sample : L3684-05DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F94DL

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_N\METHODS\SOM-EPA-BN081420MA.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	4.864	309	319	324	rBV2	48538983	99393316	100.00%	30.583%
2	6.799	642	648	656	rBV	104606	173399	0.17%	0.053%
3	6.981	674	679	688	rBV	141528	225573	0.23%	0.069%
4	7.328	731	738	749	rBV	7040660	10957837	11.02%	3.372%
5	7.493	749	766	771	rBV	36788253	70567558	71.00%	21.714%
6	7.810	806	820	825	rBV	39714070	85430072	85.95%	26.287%
7	8.146	872	877	885	rBV	92251	157556	0.16%	0.048%
8	8.569	943	949	952	rBV	144537	231314	0.23%	0.071%
9	8.616	952	957	971	rVB	488668	817139	0.82%	0.251%
10	8.899	1000	1005	1012	rVB	114570	177260	0.18%	0.055%
11	9.204	1053	1057	1065	rVB2	64897	109836	0.11%	0.034%
12	9.287	1065	1071	1077	rBV	119848	205525	0.21%	0.063%
13	9.816	1155	1161	1170	rBV	186104	293041	0.29%	0.090%
14	10.063	1193	1203	1216	rBV	17775444	30118479	30.30%	9.267%
15	10.181	1217	1223	1230	rVB	854228	1309565	1.32%	0.403%
16	10.563	1279	1288	1299	rBV	5278124	8430917	8.48%	2.594%
17	10.781	1318	1325	1337	rBV	324775	542389	0.55%	0.167%
18	10.998	1353	1362	1371	rBV	70889	137434	0.14%	0.042%
19	12.228	1567	1571	1579	rVB	338006	515240	0.52%	0.159%
20	12.845	1669	1676	1684	rBV	1106104	1713644	1.72%	0.527%
21	13.492	1780	1786	1791	rBV	299476	430269	0.43%	0.132%
22	13.751	1823	1830	1837	rBV	361260	520583	0.52%	0.160%
23	14.063	1877	1883	1891	rBV	1209917	1819259	1.83%	0.560%
24	15.069	2048	2054	2064	rVB	518361	732735	0.74%	0.225%
25	15.210	2073	2078	2083	rBV	78915	119158	0.12%	0.037%
26	16.822	2346	2352	2363	rBV	1535948	2092333	2.11%	0.644%
27	16.922	2363	2369	2377	rBV	525023	740800	0.75%	0.228%
28	18.204	2581	2587	2592	rBV2	202483	263405	0.27%	0.081%
29	19.227	2756	2761	2769	rBV	669519	887639	0.89%	0.273%
30	21.039	3064	3069	3074	rBV	2126620	2553528	2.57%	0.786%
31	23.015	3400	3405	3411	rVB	536313	860676	0.87%	0.265%
32	23.145	3422	3427	3434	rVB	1420235	2465141	2.48%	0.759%

LSC Area Percent Report

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F94DL

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_N\METHODS\SOM-EPA-BN081420MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 324992620

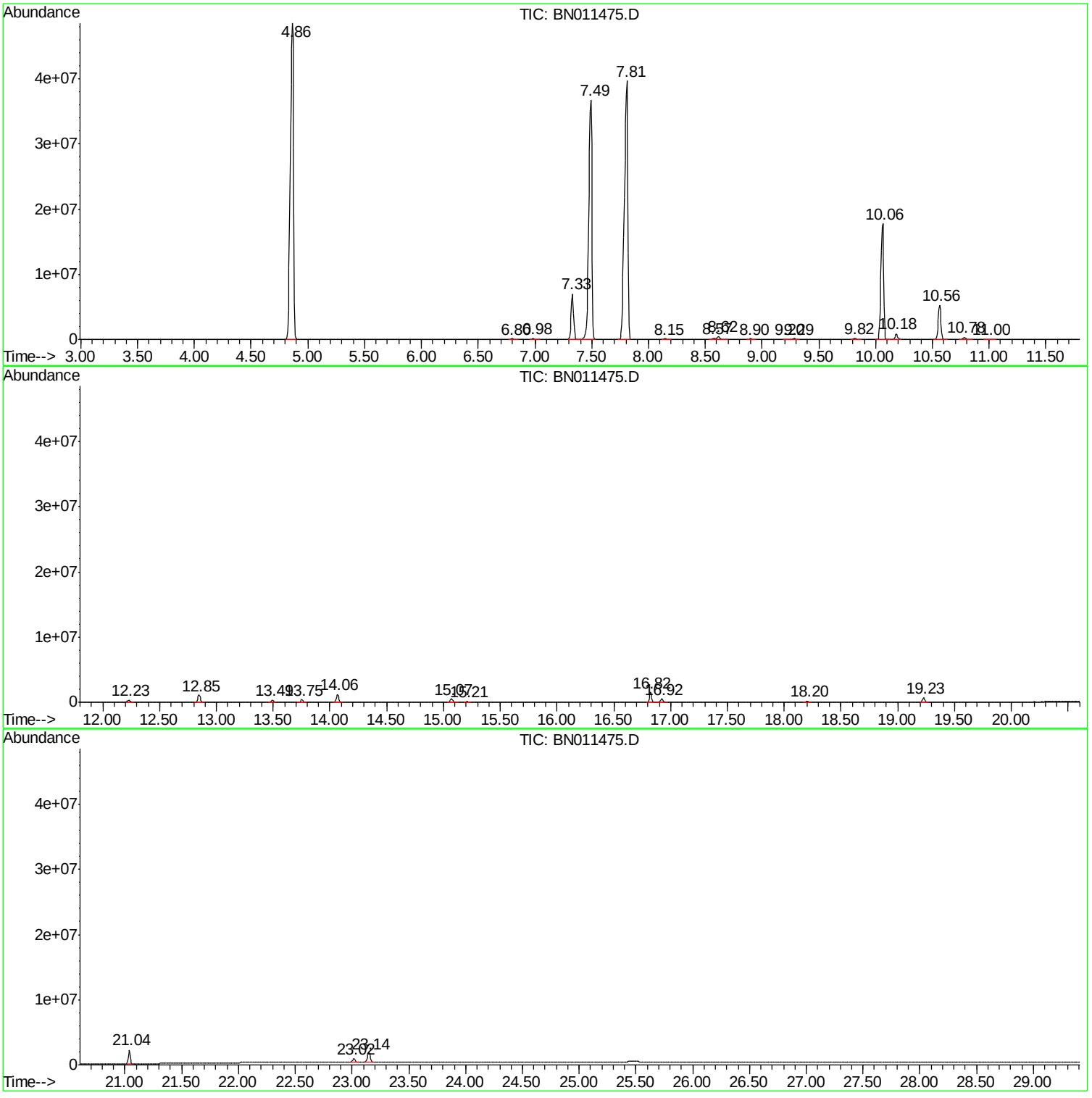
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011475.D
Acq On : 18 Aug 2020 06:38
Operator : CG/JU
Sample : L3684-05DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F94DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011475.D
Acq On : 18 Aug 2020 06:38
Operator : CG/JU
Sample : L3684-05DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F94DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

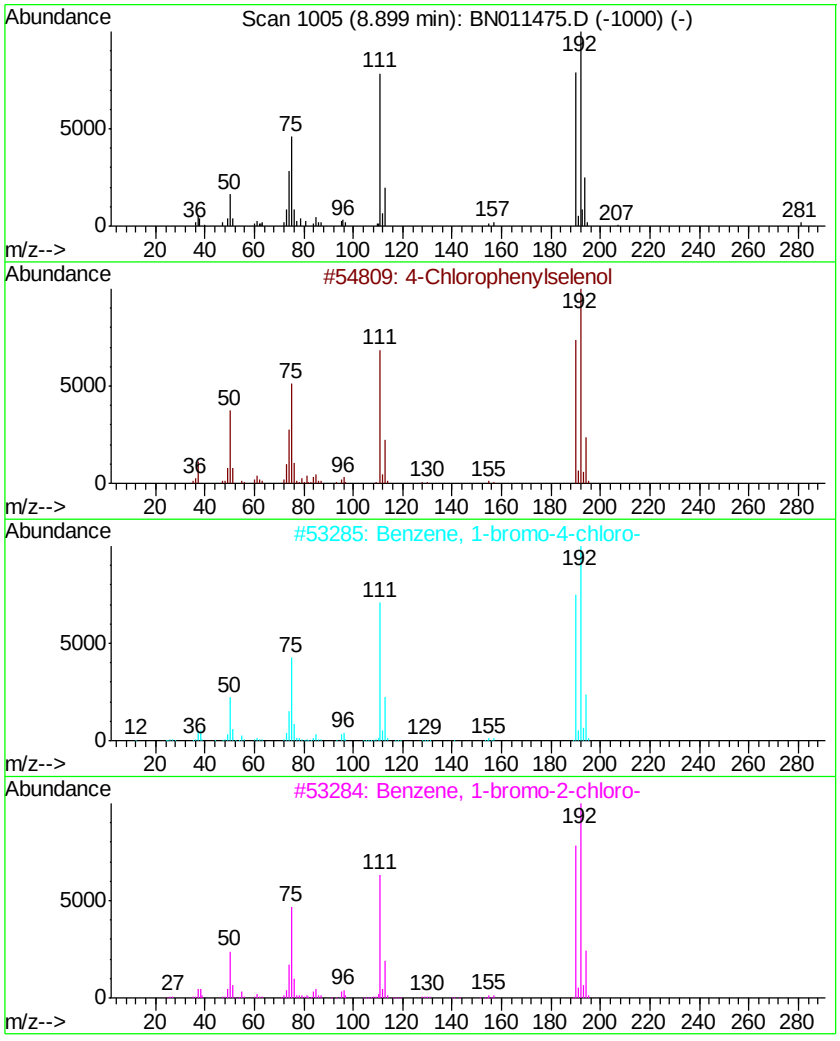
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

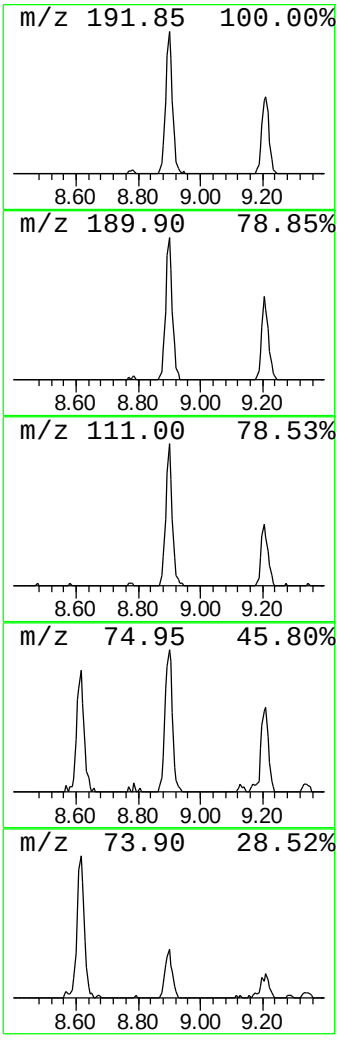
****

Peak Number 5 4-Chlorophenylselenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	2.71 ng/ul	177260	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	96
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011475.D
Acq On : 18 Aug 2020 06:38
Operator : CG/JU
Sample : L3684-05DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F94DL

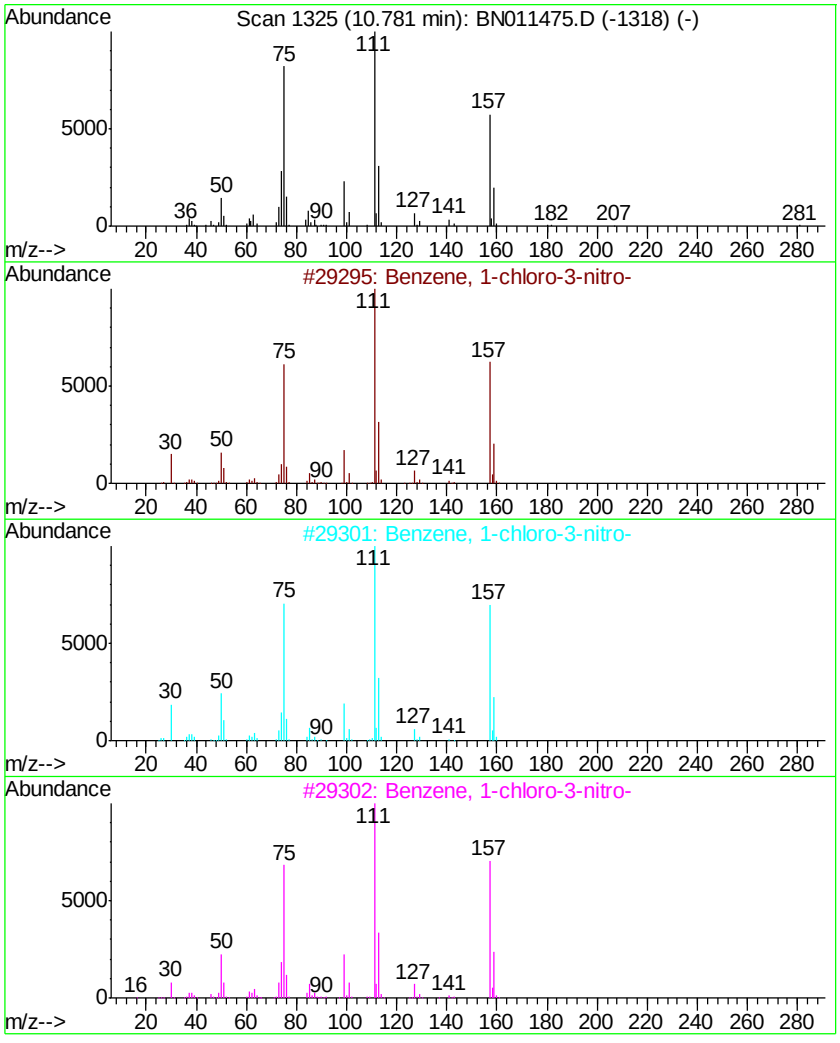
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

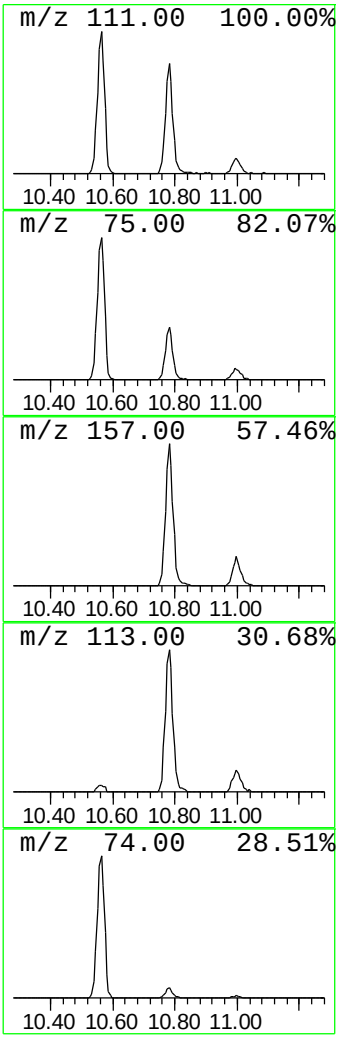
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	8.28 ng/ul	542389	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011475.D
Acq On : 18 Aug 2020 06:38
Operator : CG/JU
Sample : L3684-05DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F94DL

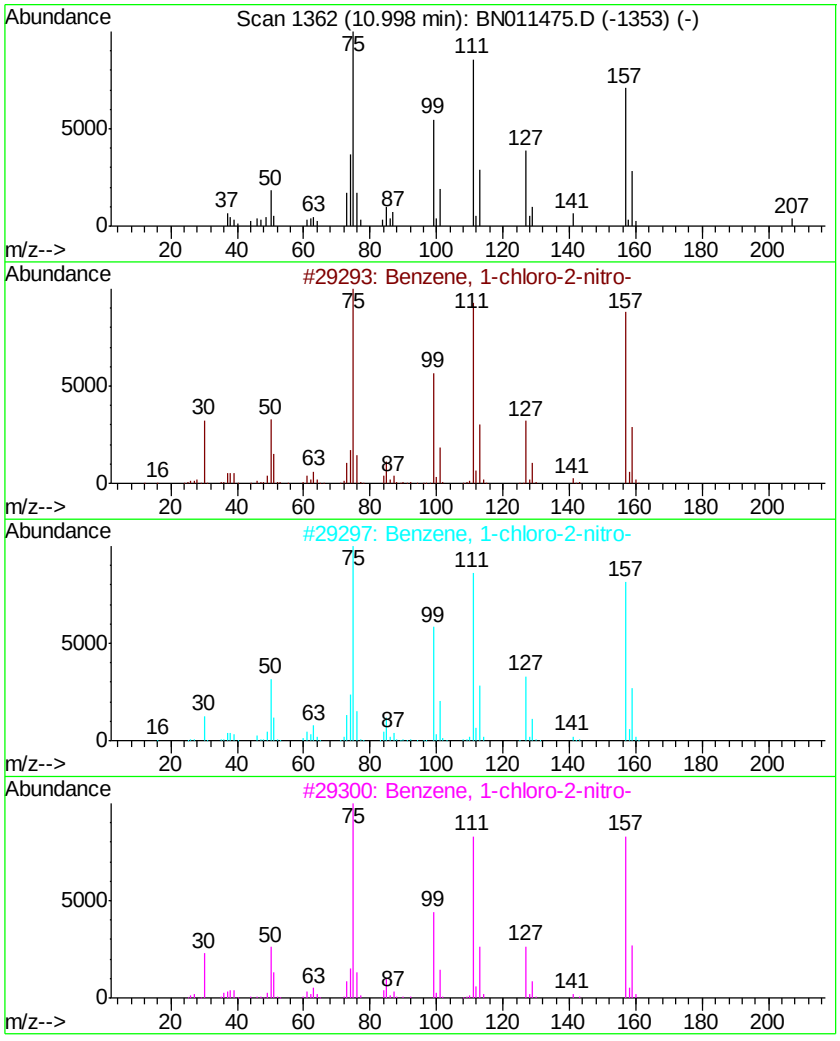
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

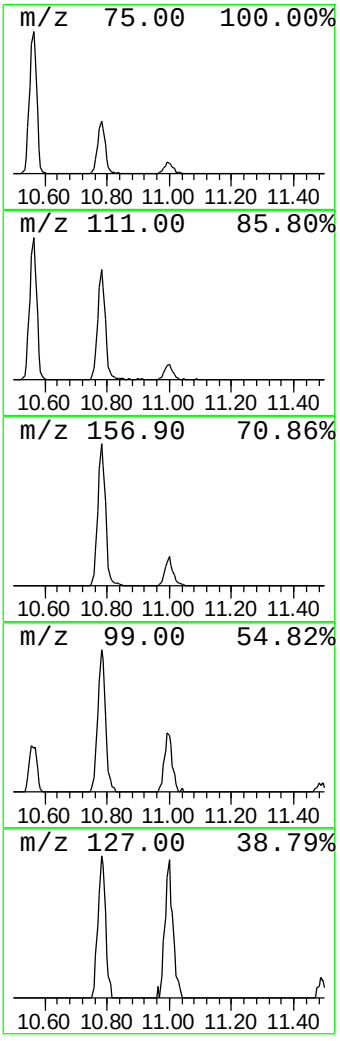
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	2.10 ng/ul	137434	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
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Sample : L3684-05DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F94DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

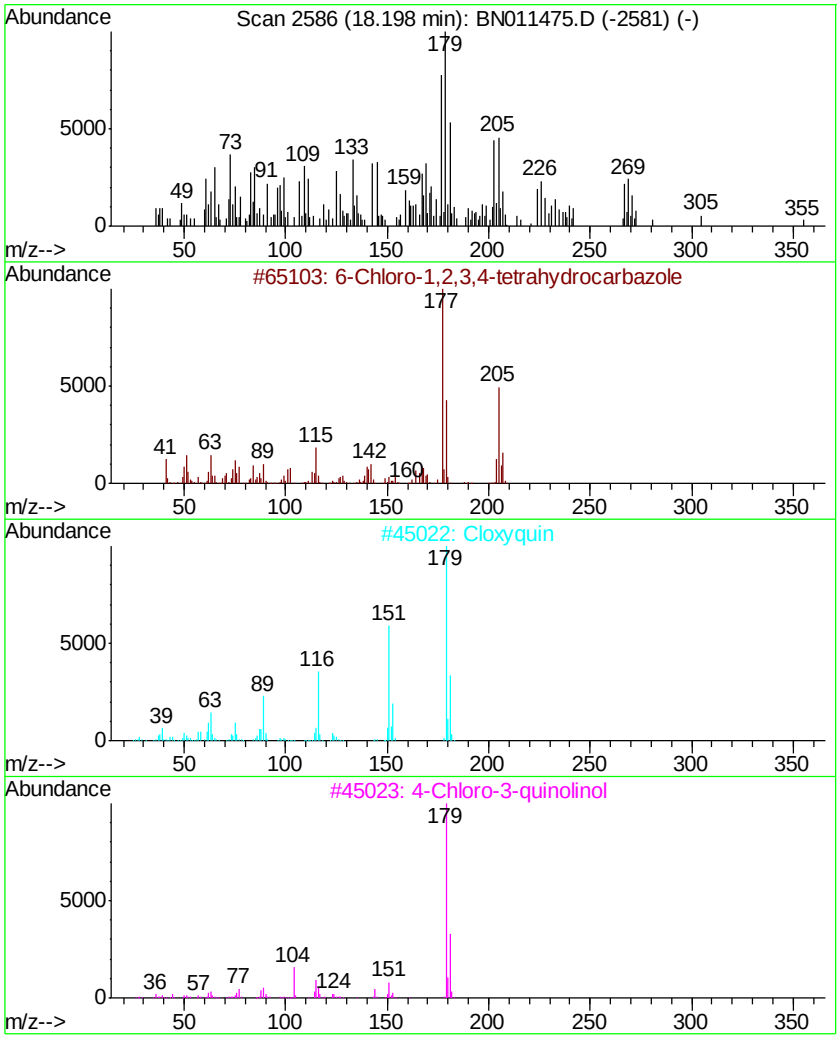
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

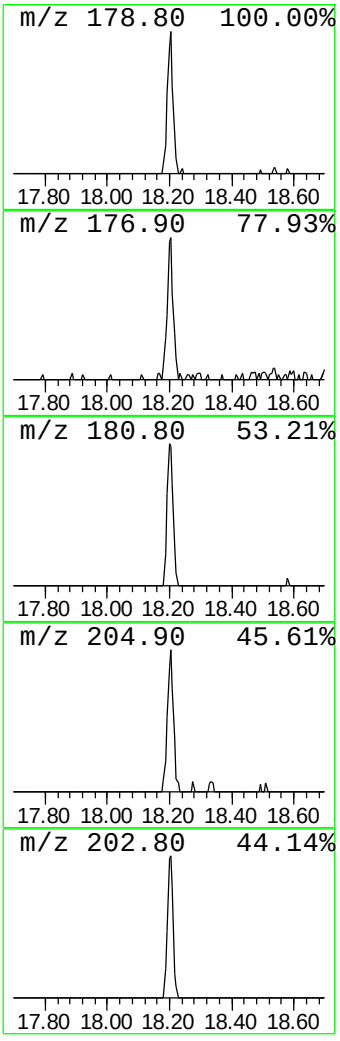
****

Peak Number 10 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.52 ng/ul	263405	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	35
2	Cloxyquin	179	C9H6ClNO	000130-16-5	30
3	4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	25
4	Benzoic acid, 2-chloro-5-tetrazo...	238	C9H7ClN4O2	1000310-73-5	25
5	4-Chloro-2(1H)-quinolinone	179	C9H6ClNO	020146-59-2	22





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.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
4-Chlorophenylsel...	8.90	2.7	ng/ul	177260	2	10.18	1309570	20.0
Benzene, 1-chloro...	10.78	8.3	ng/ul	542389	2	10.18	1309570	20.0
Benzene, 1-chloro...	11.00	2.1	ng/ul	137434	2	10.18	1309570	20.0
unknown-01	18.20	2.5	ng/ul	263405	4	16.82	2092330	20.0