LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\
Data File : BP002092.D
Acq On : 06 Mar 2020 12:19
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

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_P\METHODS\SOM-EPA-BP022720MA.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	2.917	3	5	14	rVB	256056	356048	0.86%	0.170%
2	4.999	350	359	373	rVB	19324785	39287543	94.60%	18.749%
3	6.334	580	586	591	rBV2	65390	113593	0.27%	0.054%
4	6.816	662	668	677	rBV	392570	641981	1.55%	0.306%
5	6.975	687	695	705	rBV	471983	783066	1.89%	0.374%
6	7.175	722	729	740	rBV	566632	940998	2.27%	0.449%
7	7.363	757	761	768	rVB2	25718	48799	0.12%	0.023%
8	7.534	780	790	799	rBV	7485579	12441111	29.96%	5.937%
9	7.687	802	816	822	rBV	18977154	40796215	98.23%	19.469%
10	8.005	859	870	876	rBV	18754911	41530416	100.00%	19.820%
11	8.346	922	928	935	rBV	565065	912053	2.20%	0.435%
12	8.781	994	1002	1004	rBV	496303	779269	1.88%	0.372%
13	8.828	1004	1010	1018	rVB	5262320	8849924	21.31%	4.223%
14	9.116	1055	1059	1063	rBV	35158	50615	0.12%	0.024%
15	9.446	1107	1115	1120	rBV	1024919	1735184	4.18%	0.828%
16	9.499	1120	1124	1132	rVB	412322	645138	1.55%	0.308%
17	10.034	1209	1215	1223	rBV	738619	1254015	3.02%	0.598%
18	10.104	1223	1227	1235	rVV	36858	77697	0.19%	0.037%
19	10.193	1237	1242	1247	rVV2	26359	52130	0.13%	0.025%
20	10.281	1249	1257	1270	rVV	5327594	8907209	21.45%	4.251%
21	10.410	1272	1279	1288	rVV	1251915	2055126	4.95%	0.981%
22	10.516	1291	1297	1314	rVB2	933148	2356385	5.67%	1.125%
23	10.793	1337	1344	1352	rBV	2137947	3598856	8.67%	1.718%
24	11.004	1372	1380	1391	rBV	1387319	2275779	5.48%	1.086%
25	11.216	1410	1416	1423	rBV	232864	417678	1.01%	0.199%
26	11.293	1423	1429	1443	rVB	265327	531944	1.28%	0.254%
27	12.457	1615	1627	1634	rBV	311219	559982	1.35%	0.267%
28	12.693	1661	1667	1673	rBV	110602	187800	0.45%	0.090%
29	13.069	1725	1731	1739	rVB2	95100	143189	0.34%	0.068%
30	13.192	1746	1752	1758	rBV2	148611	255855	0.62%	0.122%
31	13.298	1764	1770	1775	rVB2	26126	59482	0.14%	0.028%
32	13.610	1817	1823	1828	rBV2	39167	72799	0.18%	0.035%
33	13.687	1830	1836	1842	rVV	1374559	1902618	4.58%	0.908%
34	13.734	1842	1844	1851	rVB2	35369	48247	0.12%	0.023%

LSC Area Percent Report

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Sample : L1780-03
Misc :
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Instrument : BNA_P
ClientSampleId : C0DF7

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

35	13.963	1873	1883	1892	rBV	1637111	2411446	5.81%	1.151%
36	14.275	1928	1936	1943	rBV	1985464	2963150	7.13%	1.414%
37	14.481	1965	1971	1977	rBV2	156211	311203	0.75%	0.149%
38	15.275	2099	2106	2115	rBV	2138670	3060906	7.37%	1.461%
39	15.392	2121	2126	2131	rBV	296005	443746	1.07%	0.212%
40	15.516	2143	2147	2153	rVB	27663	41761	0.10%	0.020%
41	15.622	2161	2165	2169	rBV	32018	42997	0.10%	0.021%
42	17.028	2398	2404	2414	rBV	2443646	3497535	8.42%	1.669%
43	17.122	2414	2420	2432	rBV	2260627	3337821	8.04%	1.593%
44	19.369	2796	2802	2809	rBV	3049388	4108447	9.89%	1.961%
45	21.121	3095	3100	3108	rVV	3226453	4090548	9.85%	1.952%
46	21.298	3127	3130	3133	rVB2	51950	54152	0.13%	0.026%
47	21.727	3200	3203	3207	rBV2	80558	94812	0.23%	0.045%
48	22.192	3278	3282	3288	rVB2	120268	152558	0.37%	0.073%
49	22.316	3300	3303	3309	rVB2	62775	90252	0.22%	0.043%
50	22.698	3363	3368	3374	rBV2	170646	249038	0.60%	0.119%
51	23.192	3444	3452	3460	rBV	2210272	4177411	10.06%	1.994%
52	23.263	3460	3464	3468	rVV2	227085	371354	0.89%	0.177%
53	23.327	3469	3475	3486	rVB2	2273128	4399813	10.59%	2.100%
54	23.910	3569	3574	3581	rVB2	176156	325393	0.78%	0.155%
55	24.657	3697	3701	3708	rVB2	134107	264578	0.64%	0.126%
56	25.762	3885	3889	3900	rVB3	160720	382555	0.92%	0.183%

Sum of corrected areas: 209540220

LSC Report - Integrated Chromatogram

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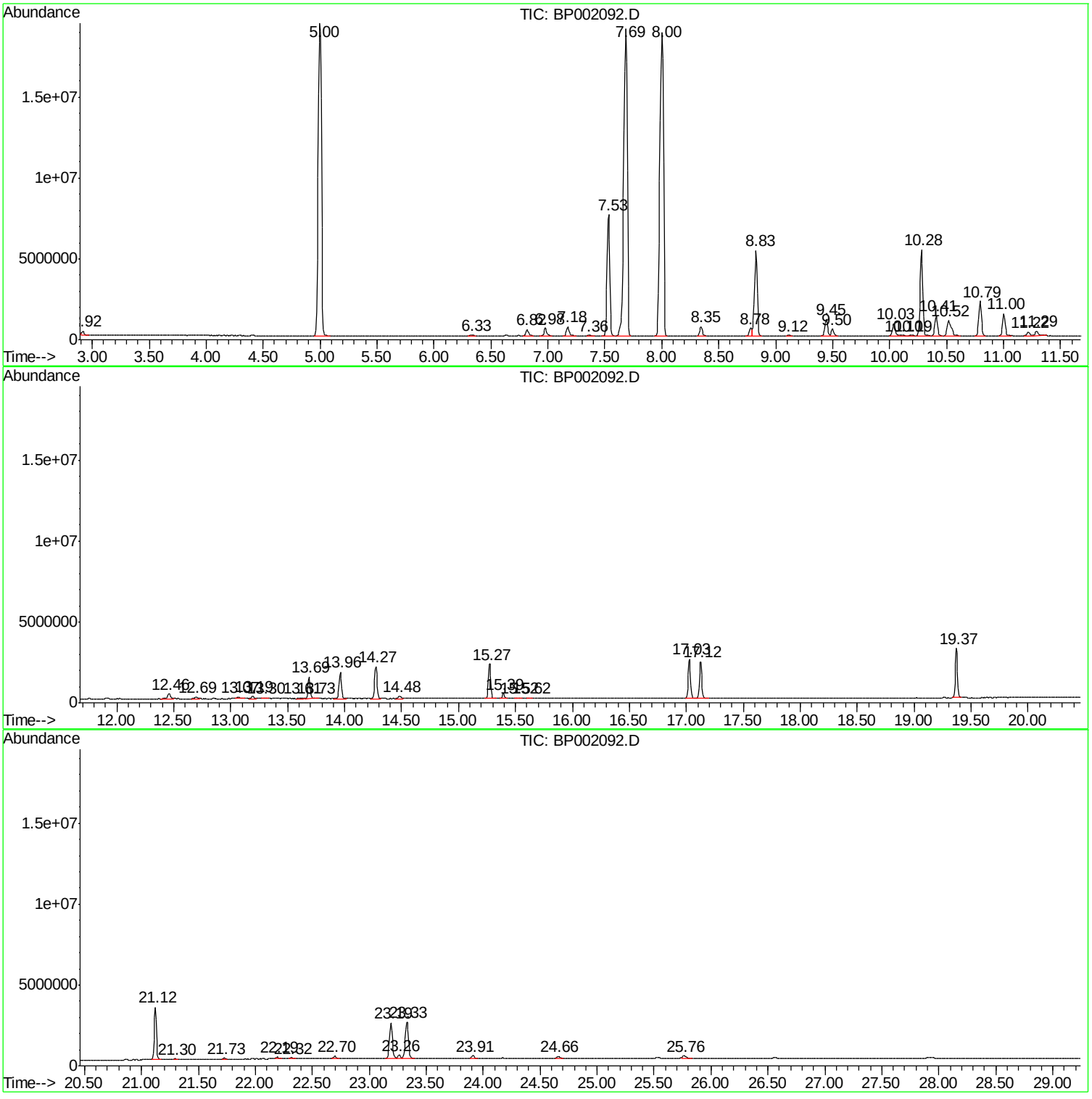
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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 P\DATA\BP030620\
Data File : BP002092.D
Acq On : 06 Mar 2020 12:19
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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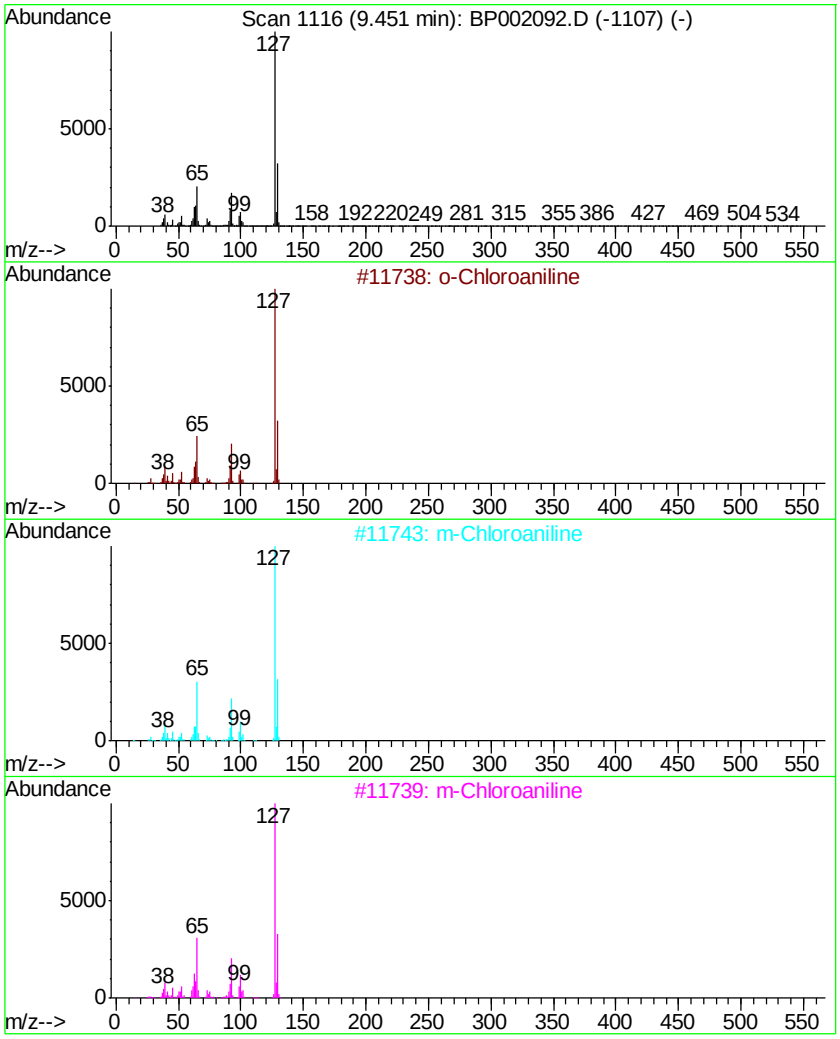
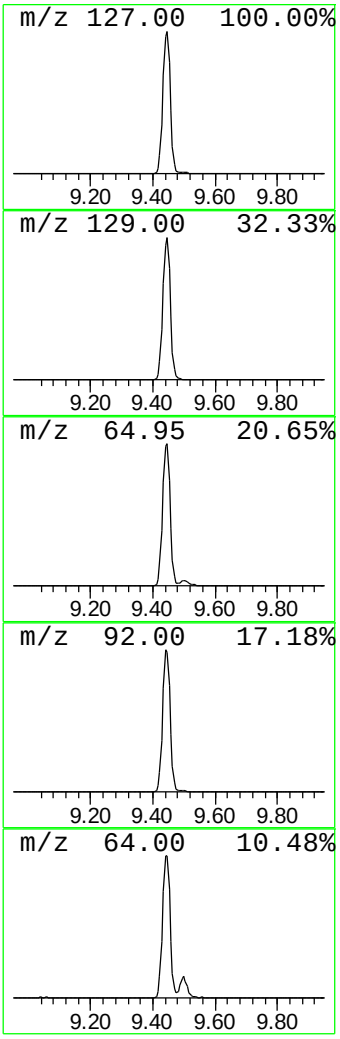
Peak Number 4 o-Chloroaniline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	16.89 ng/ul	1735180	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Chloroaniline	127	C6H6ClN	000095-51-2	96
2	m-Chloroaniline	127	C6H6ClN	000108-42-9	96
3	m-Chloroaniline	127	C6H6ClN	000108-42-9	95
4	o-Chloroaniline	127	C6H6ClN	000095-51-2	95
5	o-Chloroaniline	127	C6H6ClN	000095-51-2	94





Library Search Compound Report

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Data File : BP002092.D
Acq On : 06 Mar 2020 12:19
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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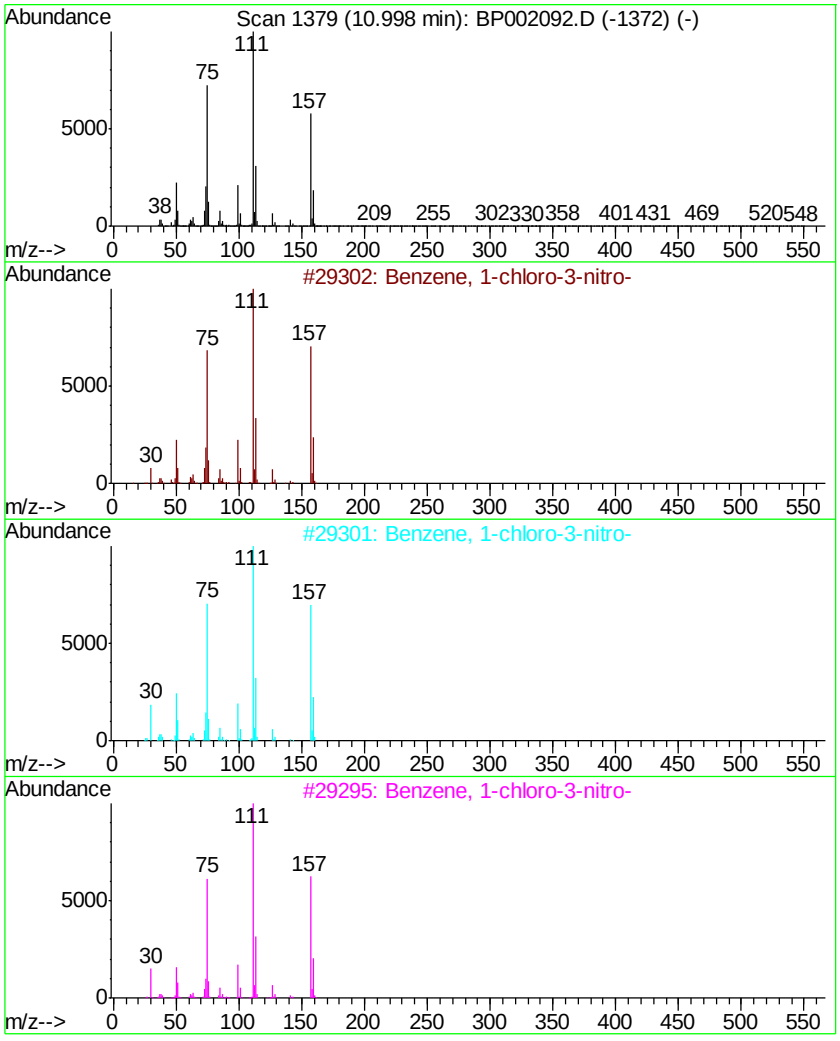
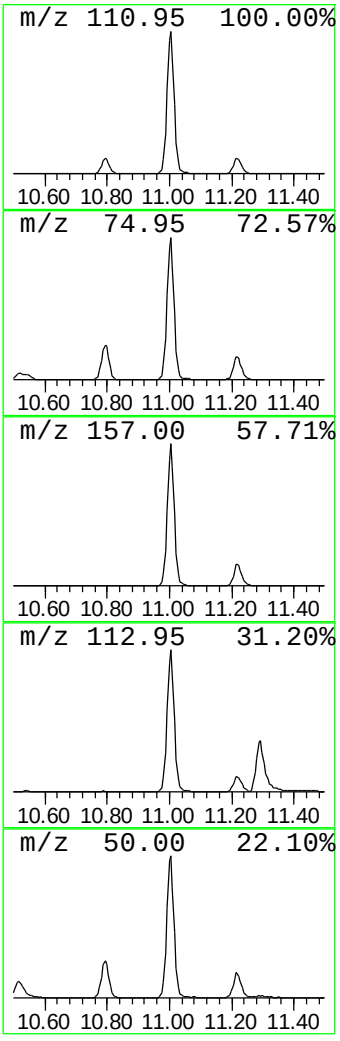
Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	22.15 ng/ul	2275780	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	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\
Data File : BP002092.D
Acq On : 06 Mar 2020 12:19
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

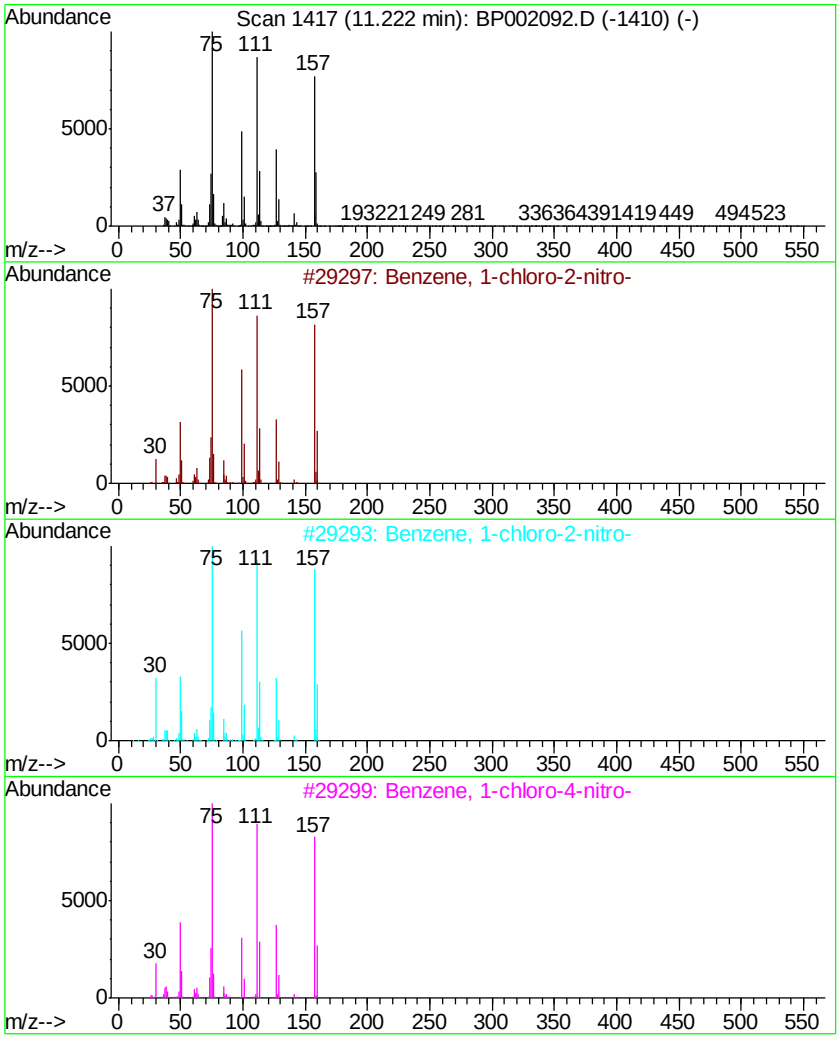
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

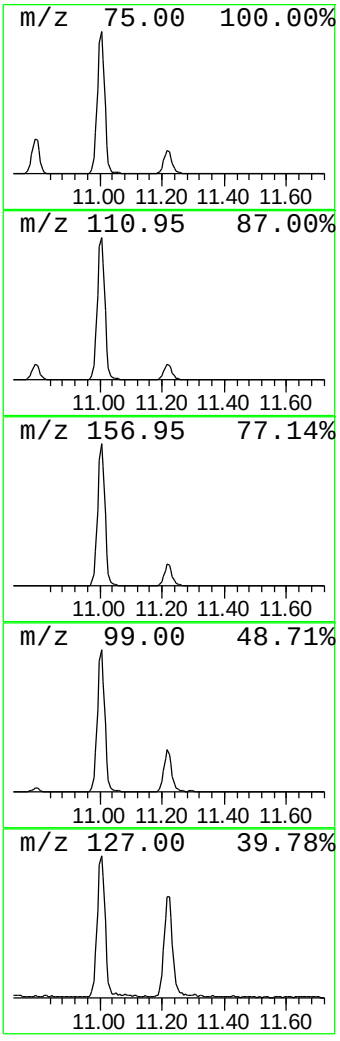
****

Peak Number 8 Benzene, 1-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	4.06 ng/ul	417678	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-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	98
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97





Library Search Compound Report

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Data File : BP002092.D
Acq On : 06 Mar 2020 12:19
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

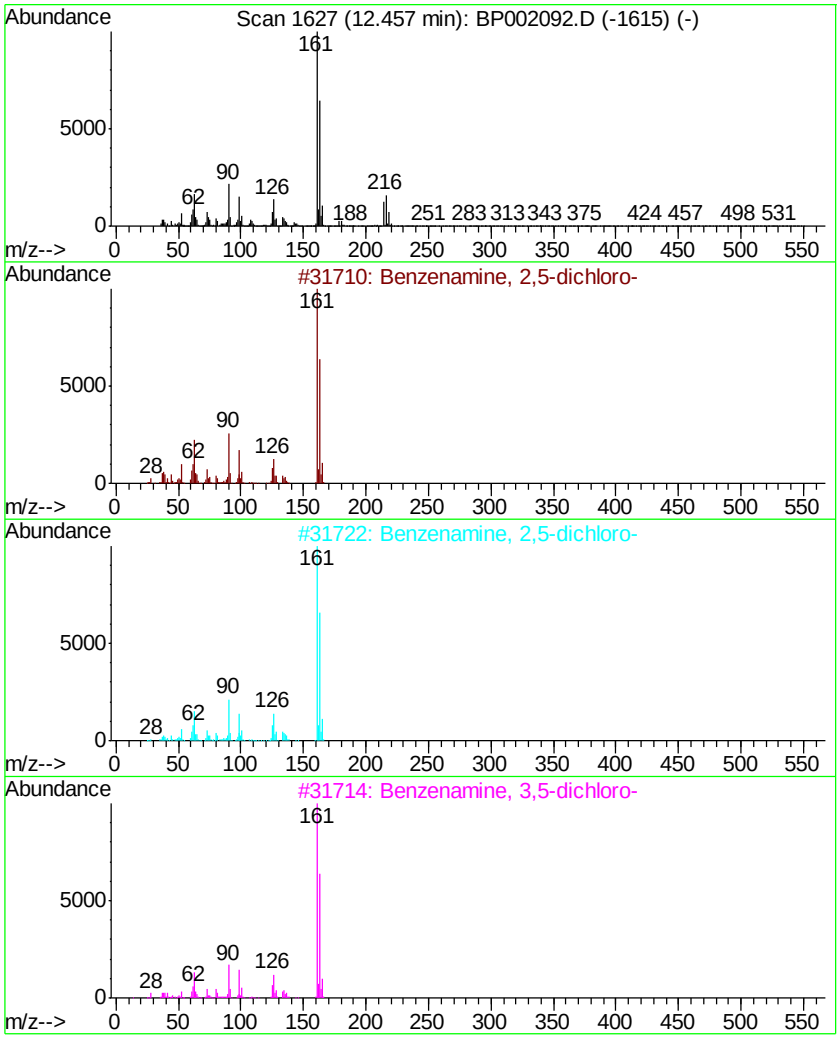
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

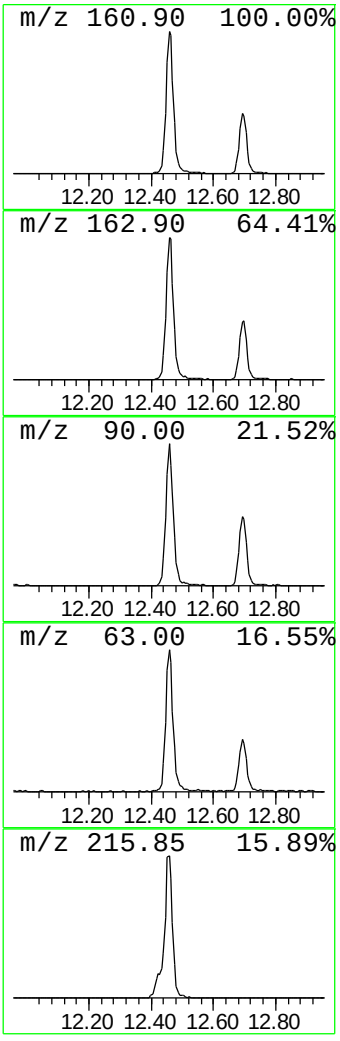
****

Peak Number 9 Benzenamine, 2,5-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.78 ng/ul	559982	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	98
2	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	97
3	Benzenamine, 3,5-dichloro-	161	C6H5Cl2N	000626-43-7	97
4	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	97
5	Benzenamine, 2,3-dichloro-	161	C6H5Cl2N	000608-27-5	96





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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
o-Chloroaniline	9.45	16.9	ng/ul	1735180	2	10.41	2055130	20.0
Benzene, 1-chloro...	11.00	22.1	ng/ul	2275780	2	10.41	2055130	20.0
Benzene, 1-chloro...	11.22	4.1	ng/ul	417678	2	10.41	2055130	20.0
Benzenamine, 2,5-...	12.46	3.8	ng/ul	559982	3	14.27	2963150	20.0