LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 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	2.916	3	5	19	rVB	290094	420966	0.92%	0.195%
2	3.163	44	47	51	rBV	39187	47765	0.10%	0.022%
3	4.998	350	359	382	rBV	20332254	43535003	94.82%	20.131%
4	6.334	580	586	592	rBV	73790	119530	0.26%	0.055%
5	6.822	662	669	679	rBV3	53171	138445	0.30%	0.064%
6	6.975	687	695	705	rBV2	231760	394736	0.86%	0.183%
7	7.175	721	729	741	rBV2	231259	452423	0.99%	0.209%
8	7.534	782	790	801	rBV	8583914	14354280	31.26%	6.637%
9	7.687	801	816	822	rBV	20301452	45358586	98.79%	20.974%
10	8.004	859	870	876	rBV	19885582	45913024	100.00%	21.230%
11	8.345	922	928	935	rBV2	153685	250317	0.55%	0.116%
12	8.781	995	1002	1003	rBV	223489	294522	0.64%	0.136%
13	8.828	1003	1010	1029	rVB	5956855	10292900	22.42%	4.759%
14	9.116	1053	1059	1069	rVB	38450	66826	0.15%	0.031%
15	9.445	1107	1115	1120	rBV	1226428	2027249	4.42%	0.937%
16	9.498	1120	1124	1133	rVB	180333	288149	0.63%	0.133%
17	10.039	1205	1216	1223	rBV	302484	547717	1.19%	0.253%
18	10.104	1223	1227	1235	rVV2	36579	75394	0.16%	0.035%
19	10.192	1237	1242	1249	rVV	30216	55147	0.12%	0.026%
20	10.281	1249	1257	1272	rVV	6178362	10265643	22.36%	4.747%
21	10.410	1272	1279	1287	rVV	1376667	2267961	4.94%	1.049%
22	10.516	1290	1297	1321	rVB	1072994	1831556	3.99%	0.847%
23	10.792	1336	1344	1358	rBV	2483249	4172970	9.09%	1.930%
24	11.004	1370	1380	1396	rBV	1661477	2665079	5.80%	1.232%
25	11.216	1408	1416	1423	rBV	272637	496230	1.08%	0.229%
26	11.292	1423	1429	1445	rVB	371723	689057	1.50%	0.319%
27	12.457	1616	1627	1636	rBV	388699	634199	1.38%	0.293%
28	12.692	1661	1667	1676	rVB	131804	217587	0.47%	0.101%
29	13.069	1725	1731	1736	rBV	107352	168556	0.37%	0.078%
30	13.192	1743	1752	1762	rBV	196263	346428	0.75%	0.160%
31	13.292	1763	1769	1781	rVB5	30698	80998	0.18%	0.037%
32	13.610	1813	1823	1830	rBV	43174	78137	0.17%	0.036%
33	13.686	1830	1836	1841	rVV	627023	856454	1.87%	0.396%
34	13.733	1841	1844	1852	rVB	38983	62550	0.14%	0.029%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 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

35	13.963	1875	1883	1897	rBV	697971	1059607	2.31%	0.490%
36	14.274	1929	1936	1943	rBV	2152323	3216405	7.01%	1.487%
37	15.269	2099	2105	2115	rBV	970984	1431298	3.12%	0.662%
38	15.392	2120	2126	2131	rBV	101673	163263	0.36%	0.075%
39	17.027	2397	2404	2414	rBV	2593203	3759682	8.19%	1.738%
40	17.121	2414	2420	2433	rVV	1030447	1528310	3.33%	0.707%
41	17.945	2556	2560	2566	rBV3	33303	56366	0.12%	0.026%
42	19.368	2797	2802	2809	rBV	1434650	1876642	4.09%	0.868%
43	20.868	3053	3057	3062	rBV	46960	60475	0.13%	0.028%
44	21.056	3086	3089	3093	rBV	56703	59785	0.13%	0.028%
45	21.121	3095	3100	3114	rVV	3475949	4430956	9.65%	2.049%
46	21.233	3116	3119	3126	rVV2	42792	75475	0.16%	0.035%
47	21.298	3127	3130	3134	rVB2	60525	65883	0.14%	0.030%
48	21.727	3200	3203	3212	rVB	90644	113479	0.25%	0.052%
49	22.192	3278	3282	3288	rVB	129760	170642	0.37%	0.079%
50	22.315	3299	3303	3312	rVB	88031	128771	0.28%	0.060%
51	22.692	3363	3367	3375	rBV	153860	237768	0.52%	0.110%
52	23.186	3444	3451	3459	rBV	1010742	1854761	4.04%	0.858%
53	23.262	3460	3464	3468	rVV	194780	318248	0.69%	0.147%
54	23.327	3468	3475	3494	rVB2	2480059	4773275	10.40%	2.207%
55	23.909	3569	3574	3583	rVB	156900	279081	0.61%	0.129%
56	24.656	3696	3701	3711	rVB2	106702	230003	0.50%	0.106%
57	25.762	3882	3889	3901	rVB	233351	581615	1.27%	0.269%
58	27.921	4250	4256	4267	rVB5	100960	323693	0.71%	0.150%

Sum of corrected areas: 216261867

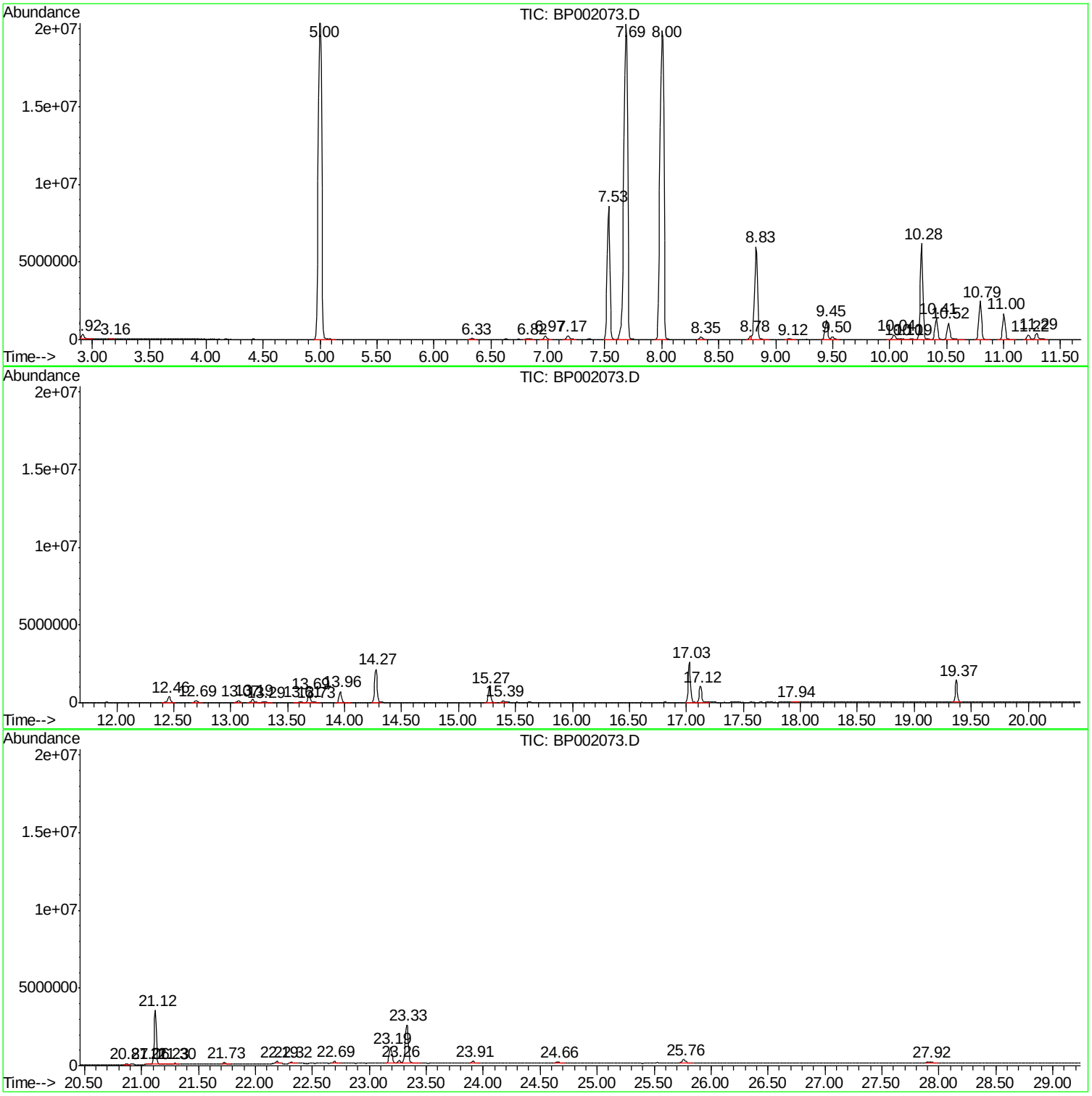
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

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

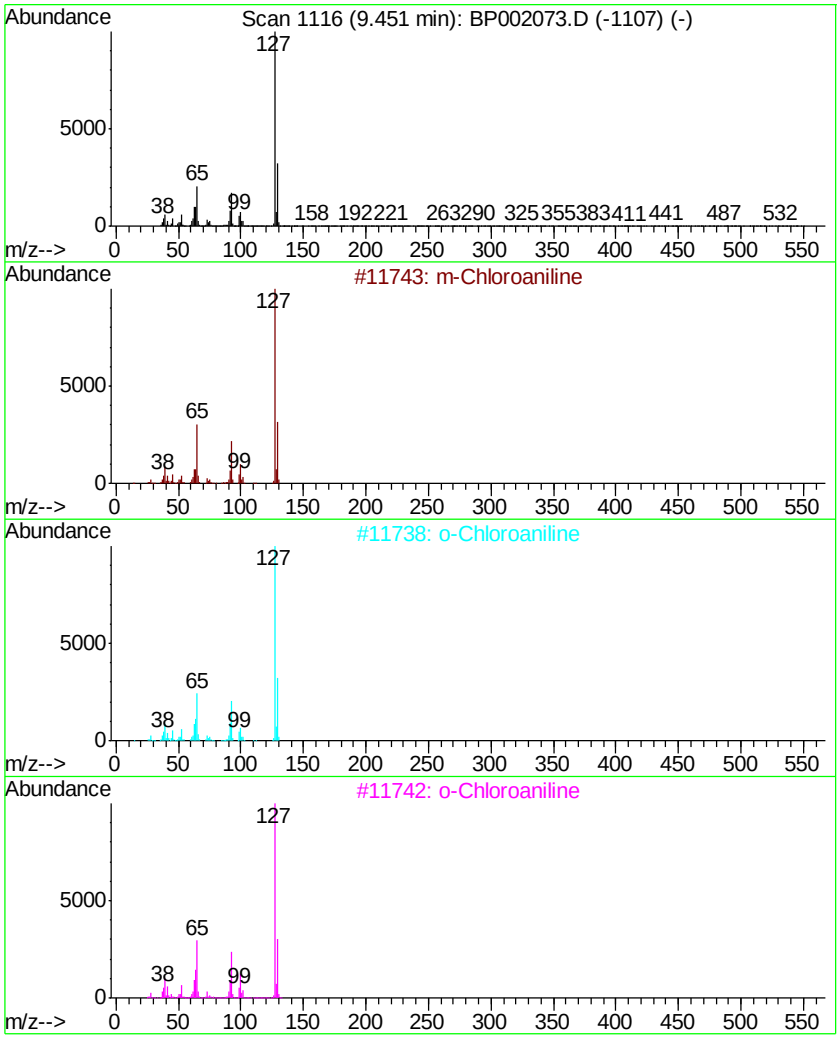
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

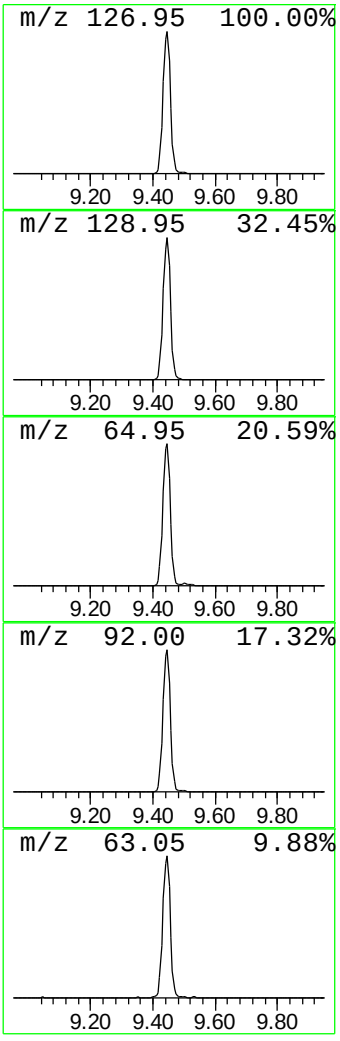
****

Peak Number 4 m-Chloroaniline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	17.88 ng/ul	2027250	Naphthalene-d8	10.41

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

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

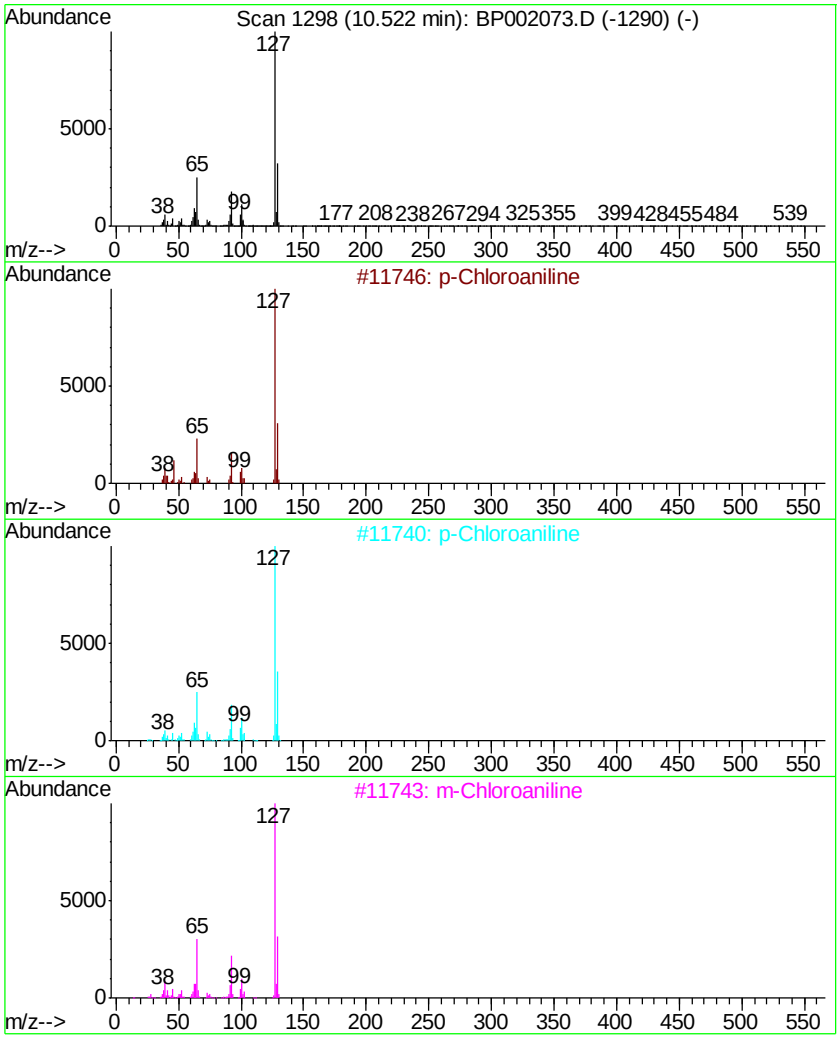
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

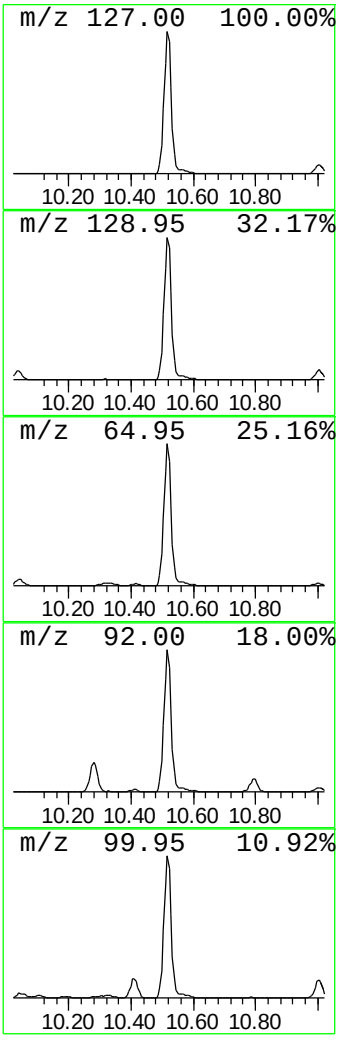
****

Peak Number 6 p-Chloroaniline Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	16.15 ng/ul	1831560	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Chloroaniline	127	C6H6ClN	000106-47-8	97
2	p-Chloroaniline	127	C6H6ClN	000106-47-8	97
3	m-Chloroaniline	127	C6H6ClN	000108-42-9	96
4	m-Chloroaniline	127	C6H6ClN	000108-42-9	95
5	p-Chloroaniline	127	C6H6ClN	000106-47-8	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

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

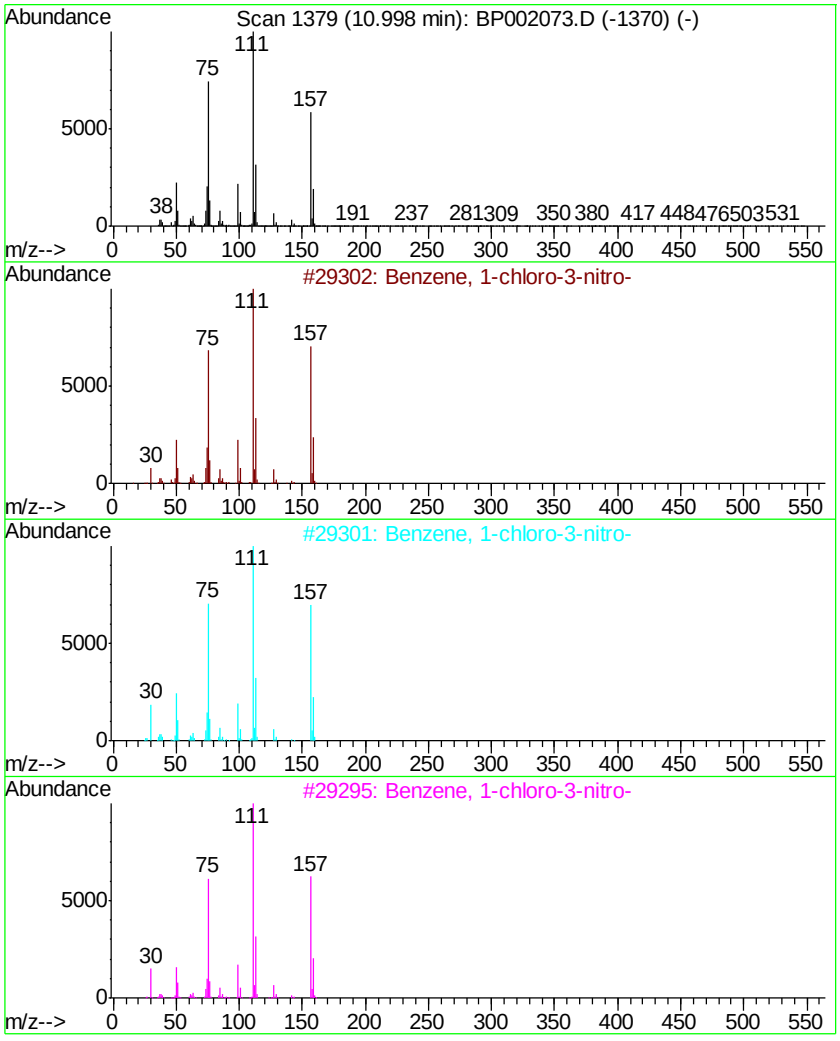
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

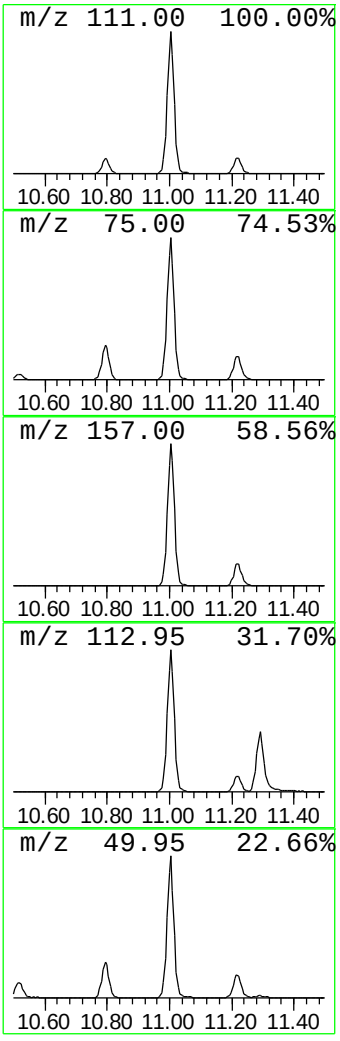
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	23.50 ng/ul	2665080	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	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

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

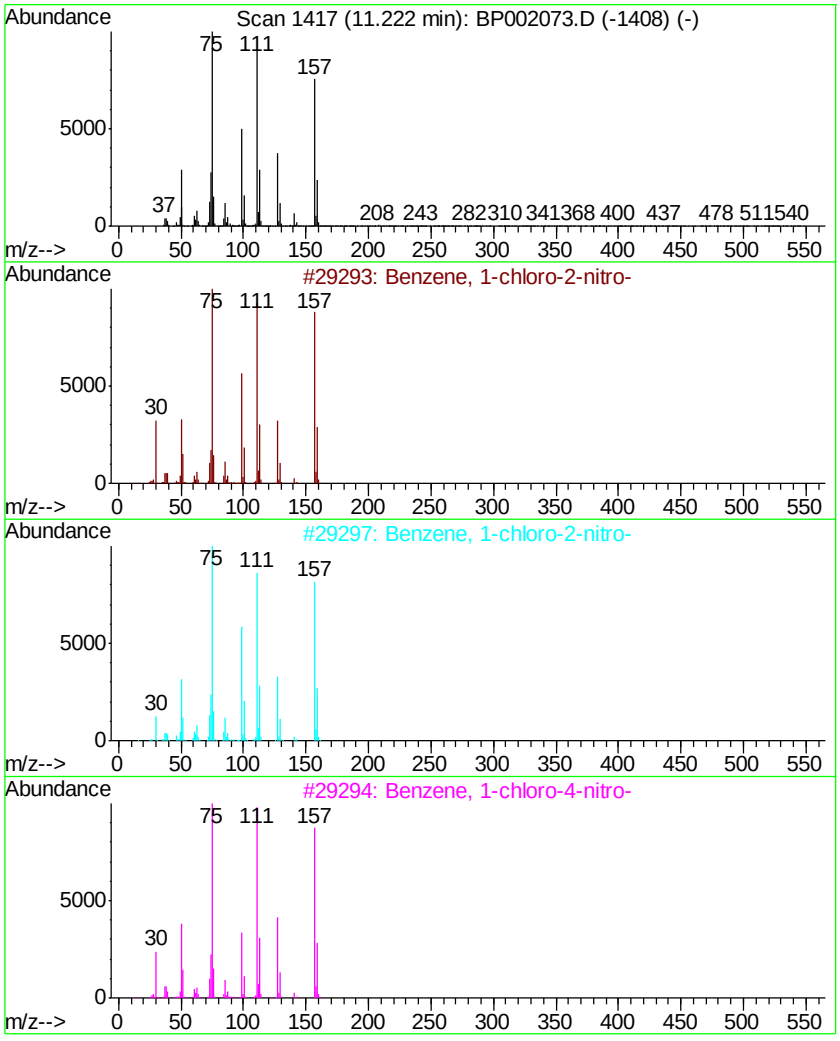
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

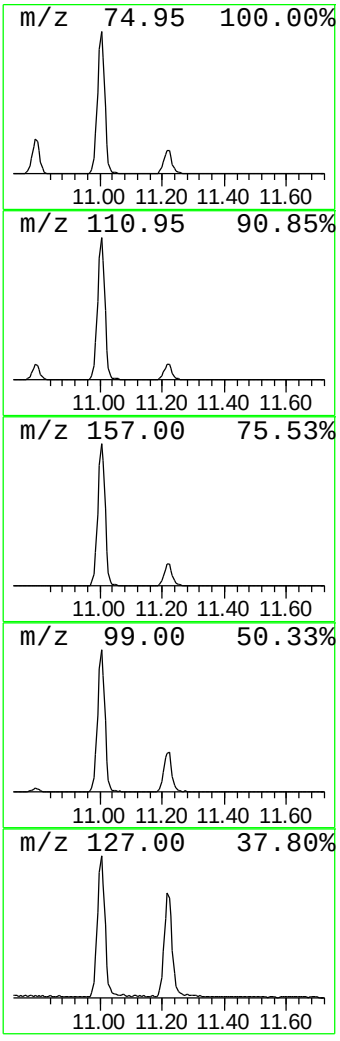
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	4.38 ng/ul	496230	Naphthalene-d8	10.41

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-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

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

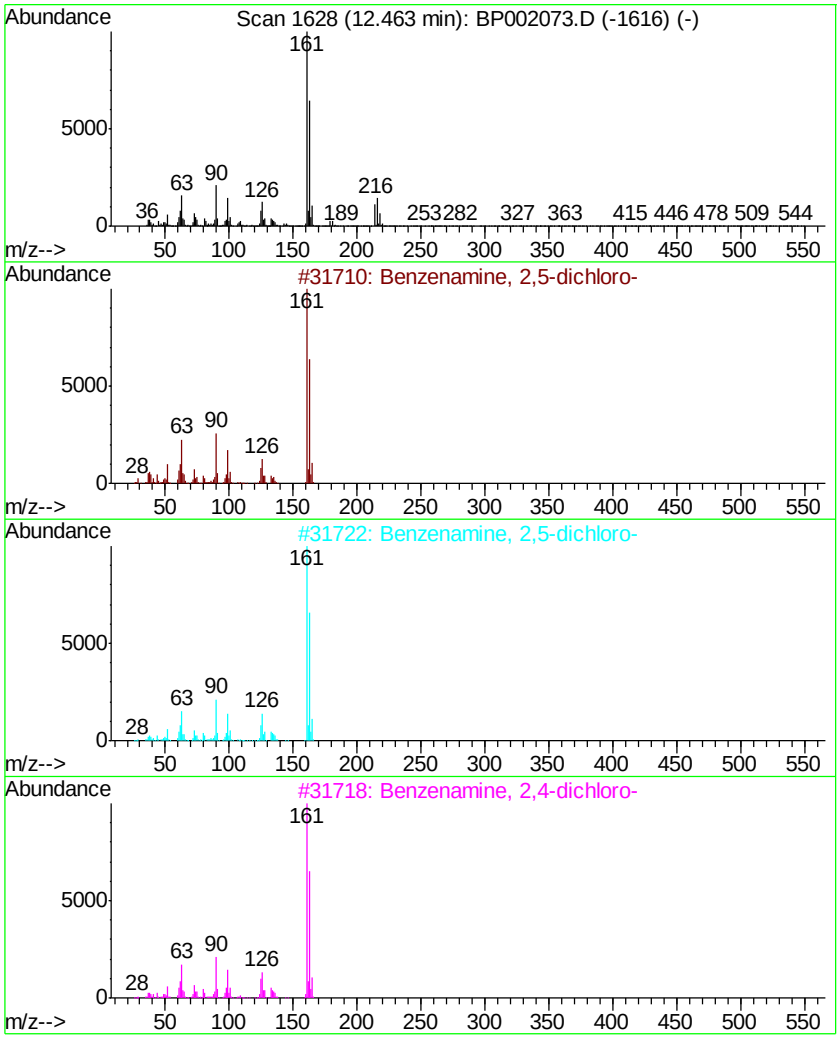
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

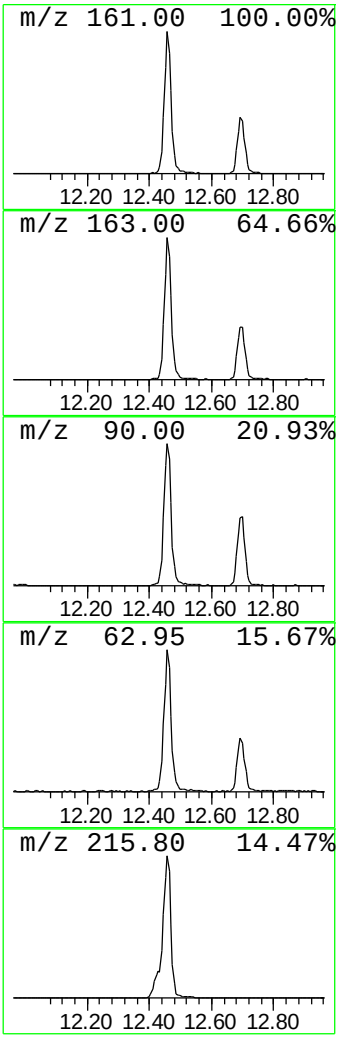
****

Peak Number 10 Benzenamine, 2,5-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.94 ng/ul	634199	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, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	97
4	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	96
5	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	96





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Data File : BP002073.D
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Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

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

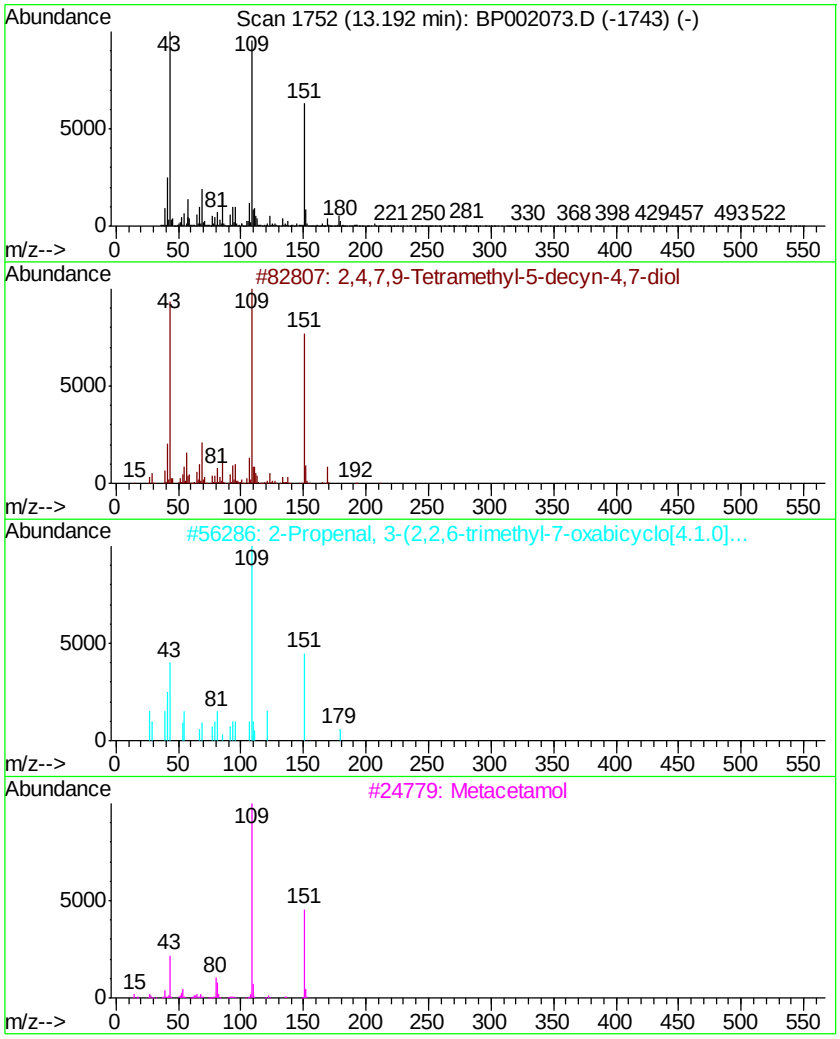
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

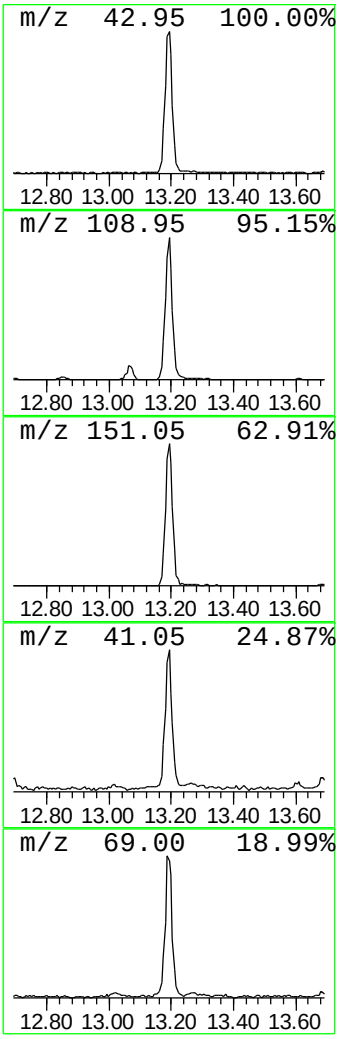
****

Peak Number 11 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.15 ng/ul	346428	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	64
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	1H-Pyrazole, 4-[4-(3-chloropheno...	278	C15H19ClN2O	1000302-33-9	53
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DF7

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

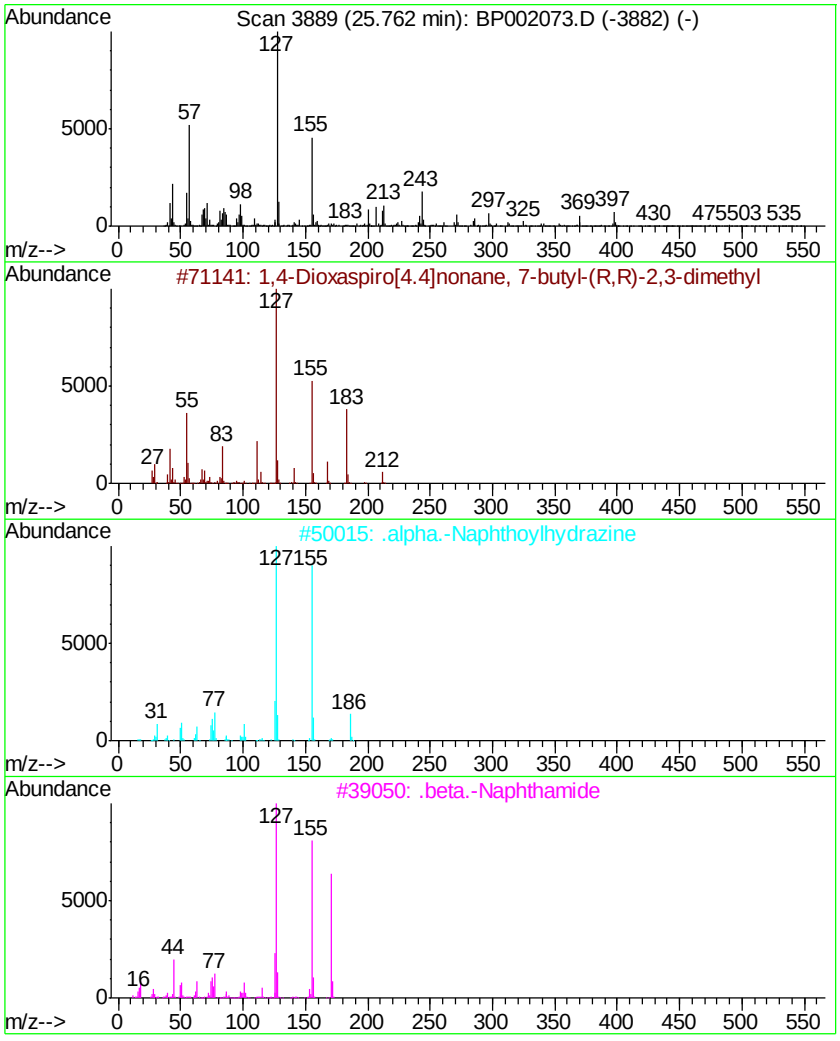
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

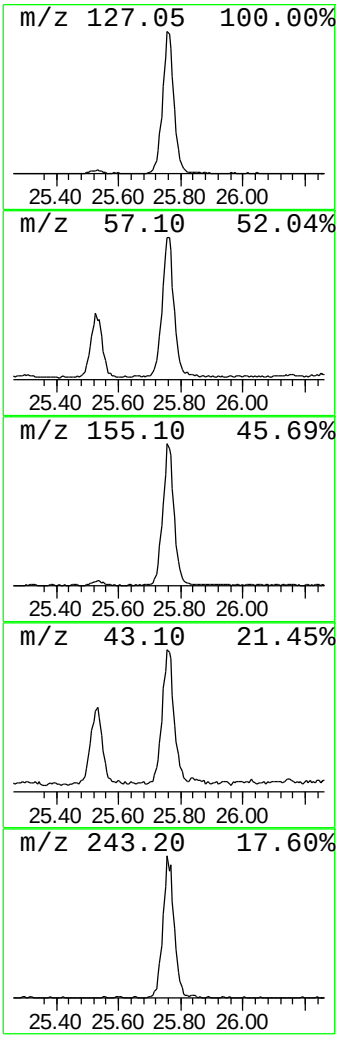
****

Peak Number 12 1,4-Dioxaspiro[4.4]nonane, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	2.44 ng/ul	581615	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[4.4]nonane, 7-but...	212	C13H24O2	104807-77-4	62
2	.alpha.-Naphthoylhydrazine	186	C11H10N2O	043038-45-5	53
3	.beta.-Naphthamide	171	C11H9NO	002243-82-5	53
4	Silane, triethyl-1-pentenyl-	184	C11H24Si	098213-23-1	53
5	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030520\
Data File : BP002073.D
Acq On : 05 Mar 2020 17:06
Operator : CG/JU
Sample : L1780-03
Misc :
ALS Vial : 8 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
m-Chloroaniline	9.45	17.9	ng/ul	2027250	2	10.41	2267960	20.0
p-Chloroaniline	10.52	16.1	ng/ul	1831560	2	10.41	2267960	20.0
Benzene, 1-chloro...	11.00	23.5	ng/ul	2665080	2	10.41	2267960	20.0
Benzene, 1-chloro...	11.22	4.4	ng/ul	496230	2	10.41	2267960	20.0
Benzenamine, 2,5-...	12.46	3.9	ng/ul	634199	3	14.27	3216410	20.0
2,4,7,9-Tetrameth...	13.19	2.1	ng/ul	346428	3	14.27	3216410	20.0
1,4-Dioxaspiro[4....	25.76	2.4	ng/ul	581615	6	23.33	4773280	20.0