LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030321\
Data File : BM028974.D
Acq On : 03 Mar 2021 13:12
Operator : CG/JU
Sample : M1546-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ4

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_M\METHODS\SOM-EPA-BM022721MA.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	5.128	342	364	368	rBV	9132609	41881704	100.00%	31.062%
2	7.122	697	703	711	rBB	39862	75225	0.18%	0.056%
3	7.310	729	735	745	rBB	50410	89305	0.21%	0.066%
4	7.681	787	798	809	rBV	2108424	5311340	12.68%	3.939%
5	7.893	809	834	837	rBV	7270416	30789424	73.52%	22.835%
6	8.234	867	892	896	rBV	7392694	36055155	86.09%	26.741%
7	8.504	933	938	947	rBB	35930	54221	0.13%	0.040%
8	8.951	1008	1014	1017	rBV	71080	113481	0.27%	0.084%
9	8.998	1017	1022	1031	rVB	208548	327237	0.78%	0.243%
10	9.275	1064	1069	1078	rBB	44635	69541	0.17%	0.052%
11	9.663	1130	1135	1141	rBV	60233	98450	0.24%	0.073%
12	10.210	1222	1228	1237	rBB	73806	125275	0.30%	0.093%
13	10.486	1259	1275	1279	rBV	4948324	13116604	31.32%	9.728%
14	10.586	1286	1292	1298	rBV	70589	102509	0.24%	0.076%
15	10.975	1348	1358	1364	rBV	1849736	3291577	7.86%	2.441%
16	11.186	1388	1394	1403	rBB	126308	200819	0.48%	0.149%
17	11.398	1425	1430	1439	rBB2	22740	43457	0.10%	0.032%
18	12.610	1631	1636	1642	rVB	135394	204570	0.49%	0.152%
19	13.227	1734	1741	1747	rBB	417378	619744	1.48%	0.460%
20	13.845	1841	1846	1852	rBV	140649	185213	0.44%	0.137%
21	14.121	1887	1893	1901	rBB	157018	224973	0.54%	0.167%
22	14.427	1940	1945	1951	rBB	84938	120942	0.29%	0.090%
23	15.427	2109	2115	2121	rBB	188293	258469	0.62%	0.192%
24	15.568	2135	2139	2146	rBB	64482	86102	0.21%	0.064%
25	17.174	2406	2412	2418	rBB	96644	129150	0.31%	0.096%
26	17.274	2423	2429	2438	rBB	200577	270262	0.65%	0.200%
27	18.545	2640	2645	2649	rBV	61992	71807	0.17%	0.053%
28	19.562	2812	2818	2824	rVB	229325	301483	0.72%	0.224%
29	21.339	3115	3120	3125	rBV	118323	144901	0.35%	0.107%
30	23.397	3463	3470	3476	rBV	187430	318837	0.76%	0.236%
31	23.533	3487	3493	3503	rVB2	85334	149711	0.36%	0.111%

Sum of corrected areas: 134831488

LSC Report - Integrated Chromatogram

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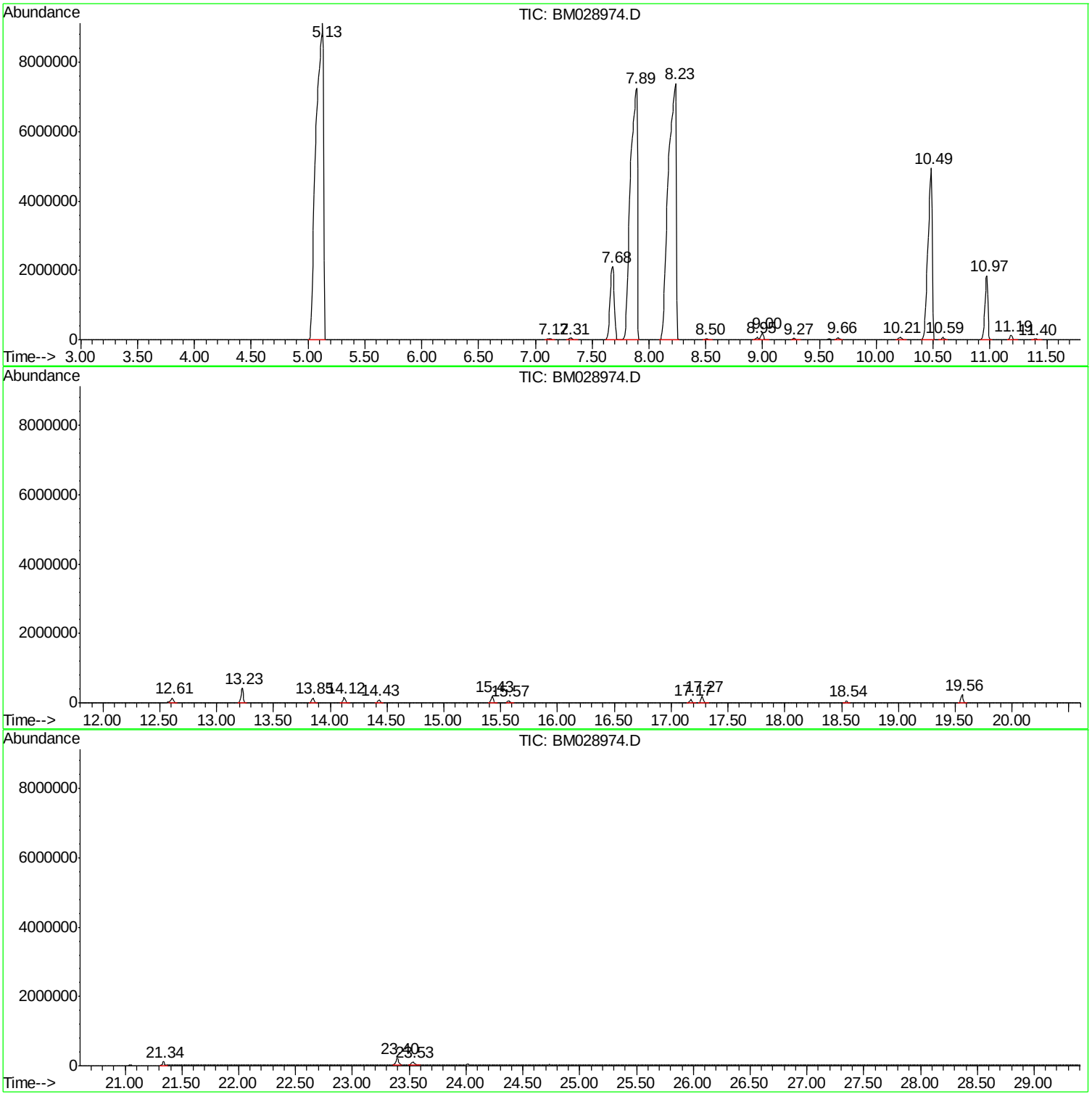
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FZ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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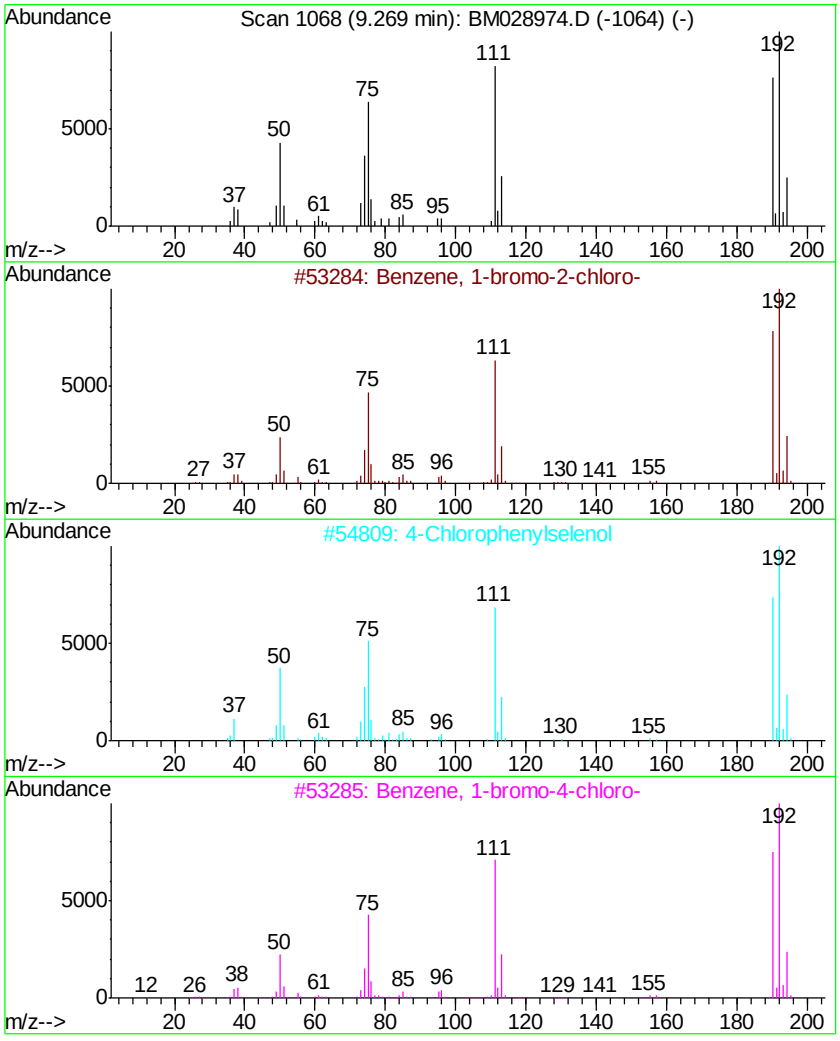
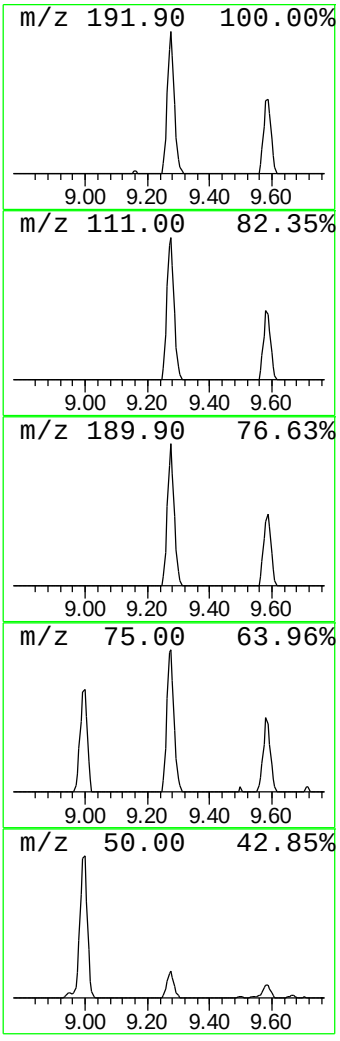
Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	13.57 ng/ul	69541	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94





Library Search Compound Report

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Operator : CG/JU
Sample : M1546-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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

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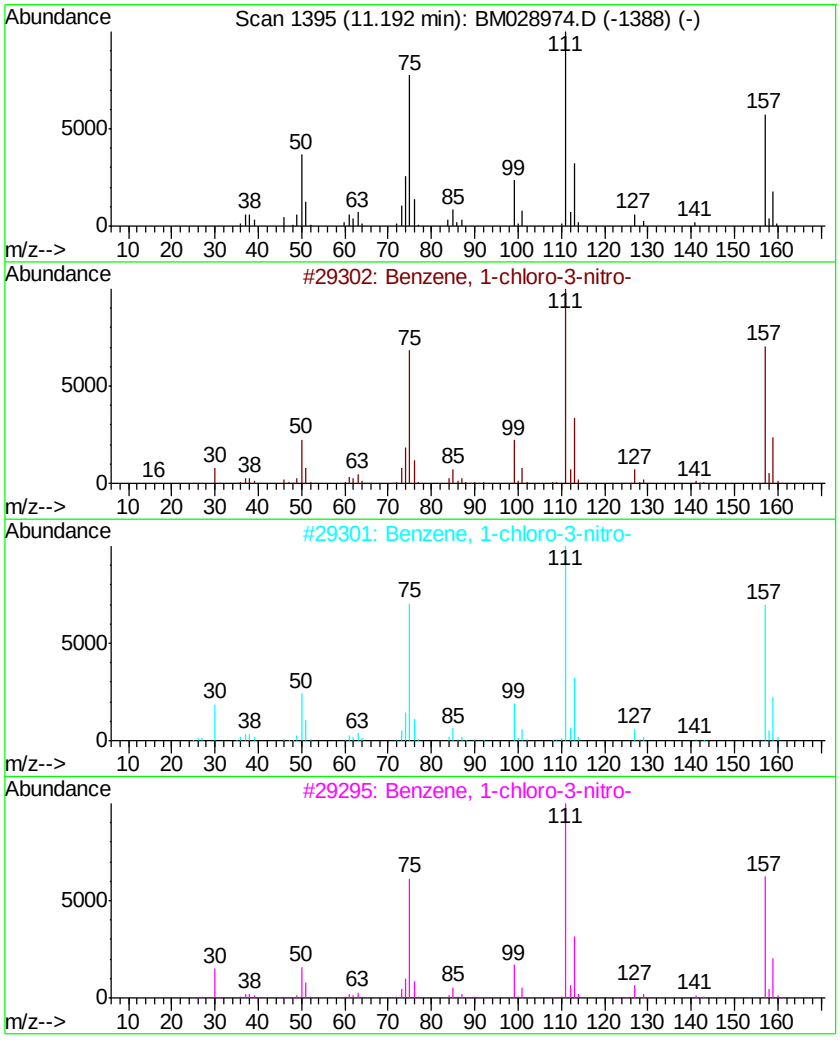
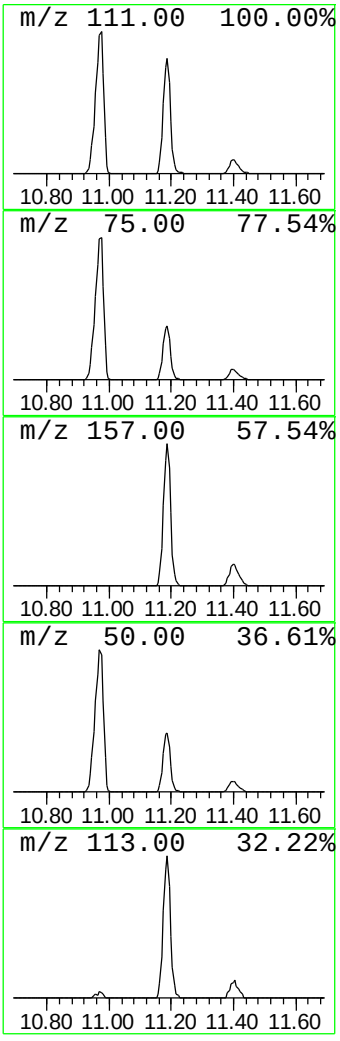
Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	39.18 ng/ul	200819	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
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-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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

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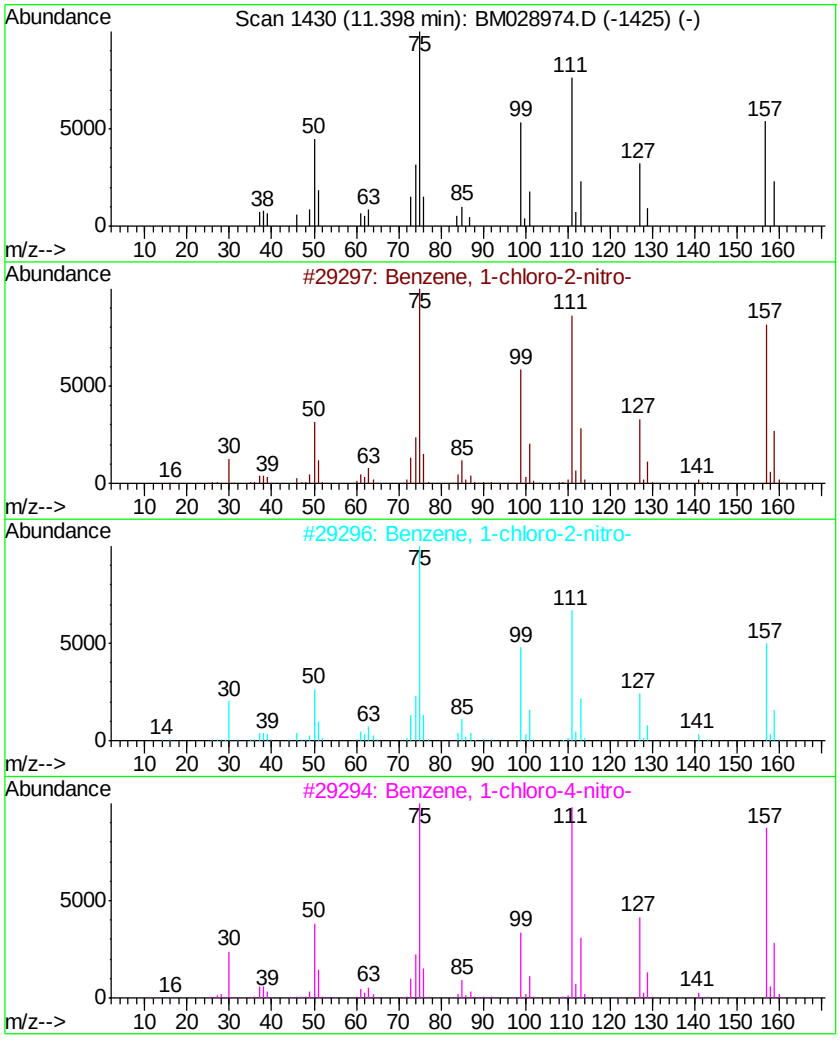
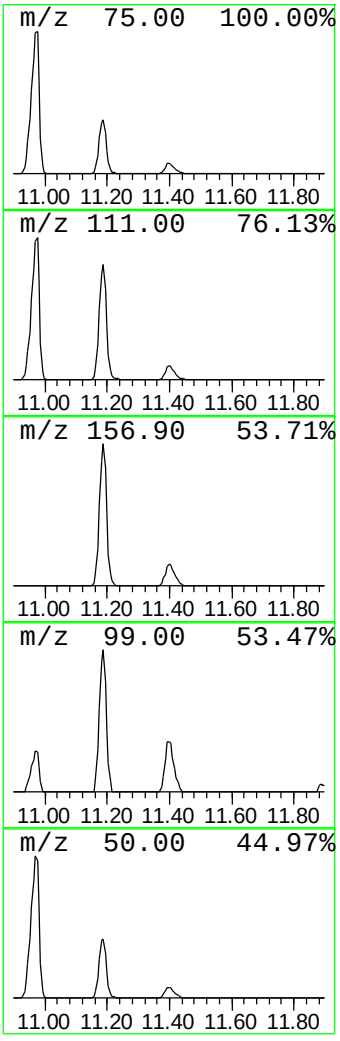
Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	8.48 ng/ul	43457	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





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Sample : M1546-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FZ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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

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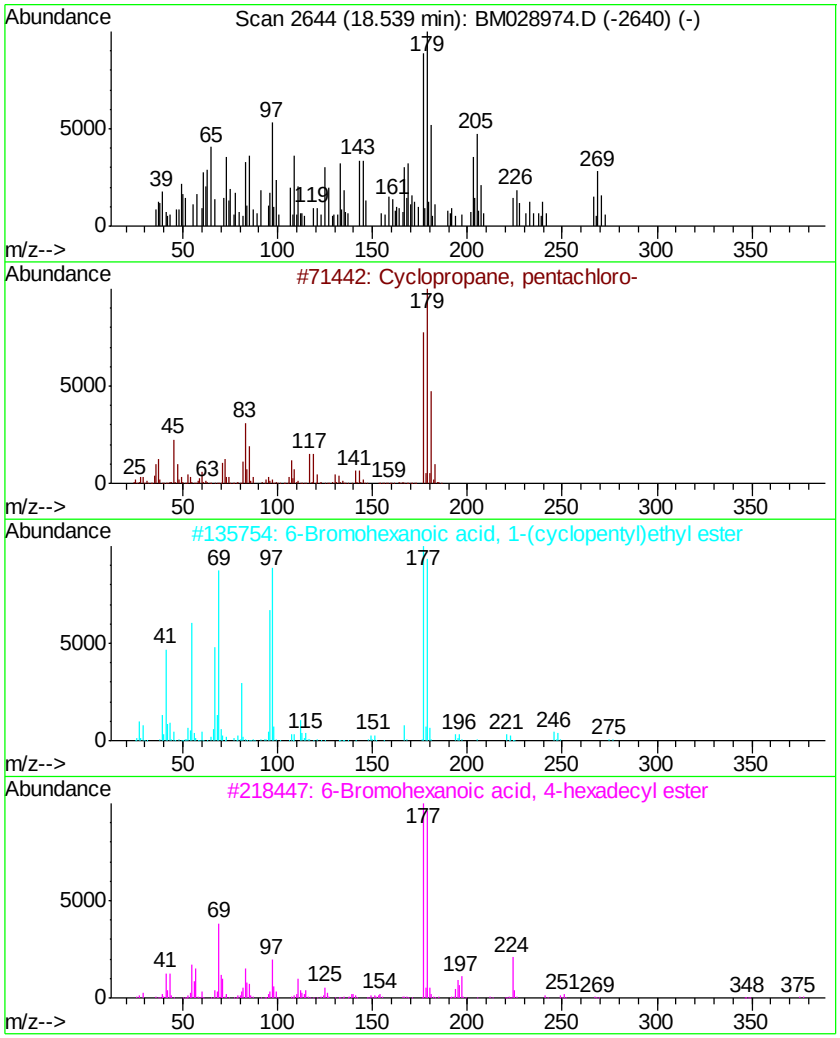
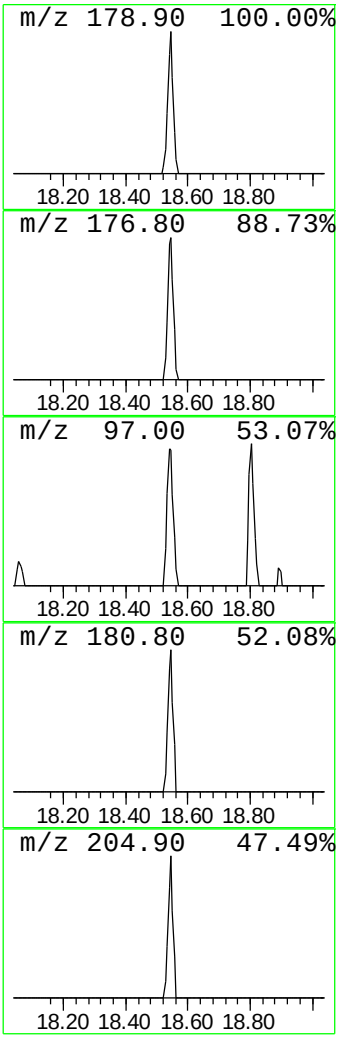
Peak Number 10 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	11.12 ng/ul	71807	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	35
2	6-Bromohexanoic acid, 1-(cyclope...	290	C13H23BrO2	1000293-29-6	35
3	6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	35
4	6-Bromohexanoic acid, 4-nitrophe...	315	C12H14BrNO4	1000307-61-9	22
5	Cloxyquin	179	C9H6ClNO	000130-16-5	22





Tentatively Identified Compound (LSC) summary

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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-bromo-...	9.27	13.6	ng/ul	69541	2	10.59	102509	20.0
Benzene, 1-chloro...	11.19	39.2	ng/ul	200819	2	10.59	102509	20.0
Benzene, 1-chloro...	11.40	8.5	ng/ul	43457	2	10.59	102509	20.0
unknown-01	18.54	11.1	ng/ul	71807	4	17.17	129150	20.0