

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
 Data File : BG047035.D
 Acq On : 22 Oct 2020 17:04
 Operator : CG/JU
 Sample : L4483-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0FH3DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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	5.396	337	350	371	rBV	17307632	38302418	100.00%	29.459%
2	7.388	683	689	699	rBV	46534	78100	0.20%	0.060%
3	7.593	717	724	733	rBV	55116	99001	0.26%	0.076%
4	7.958	777	786	795	rBV	2500680	4226877	11.04%	3.251%
5	8.122	798	814	821	rBV	13475229	28432056	74.23%	21.868%
6	8.457	856	871	876	rBV	15111939	34808320	90.88%	26.772%
7	8.763	915	923	930	rBV2	35371	64447	0.17%	0.050%
8	9.221	993	1001	1004	rBV	64068	110271	0.29%	0.085%
9	9.268	1004	1009	1018	rVB	207255	364967	0.95%	0.281%
10	9.562	1053	1059	1067	rVB2	45708	81851	0.21%	0.063%
11	9.879	1109	1113	1118	rVB3	22560	41641	0.11%	0.032%
12	9.950	1118	1125	1133	rBV2	49724	96554	0.25%	0.074%
13	10.490	1208	1217	1226	rBV2	71782	134645	0.35%	0.104%
14	10.749	1250	1261	1273	rBV	6265018	11680129	30.49%	8.984%
15	10.878	1275	1283	1293	rVB	278826	485109	1.27%	0.373%
16	11.260	1335	1348	1356	rBV	1692184	3049635	7.96%	2.346%
17	11.465	1375	1383	1392	rBV2	132114	234899	0.61%	0.181%
18	11.683	1415	1420	1427	rVB4	29100	55315	0.14%	0.043%
19	12.887	1611	1625	1634	rBV2	169058	312004	0.81%	0.240%
20	13.492	1719	1728	1738	rBV	525633	829180	2.16%	0.638%
21	14.086	1820	1829	1834	rBV	153688	229963	0.60%	0.177%
22	14.386	1871	1880	1887	rBV	159261	258119	0.67%	0.199%
23	14.691	1925	1932	1941	rBV2	459292	714257	1.86%	0.549%
24	15.678	2095	2100	2112	rVB	210579	323801	0.85%	0.249%
25	15.790	2114	2119	2128	rVB2	61528	100588	0.26%	0.077%
26	17.435	2392	2399	2407	rBV	595995	912161	2.38%	0.702%
27	17.529	2409	2415	2425	rVB2	246563	383852	1.00%	0.295%
28	18.798	2625	2631	2638	rVB2	125194	170478	0.45%	0.131%
29	19.814	2798	2804	2811	rBV	368786	528838	1.38%	0.407%
30	21.700	3118	3125	3134	rBV	698482	1141640	2.98%	0.878%
31	23.998	3512	3516	3524	rVB6	20047	45350	0.12%	0.035%
32	24.709	3628	3637	3648	rBV	163517	454594	1.19%	0.350%
33	24.932	3664	3675	3689	rBV	400907	1153407	3.01%	0.887%
34	26.089	3863	3872	3873	rBV5	25865	47681	0.12%	0.037%

LSC Area Percent Report

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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

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35	27.453	4095	4104	4115	rvB4	20178	65255	0.17%	0.050%
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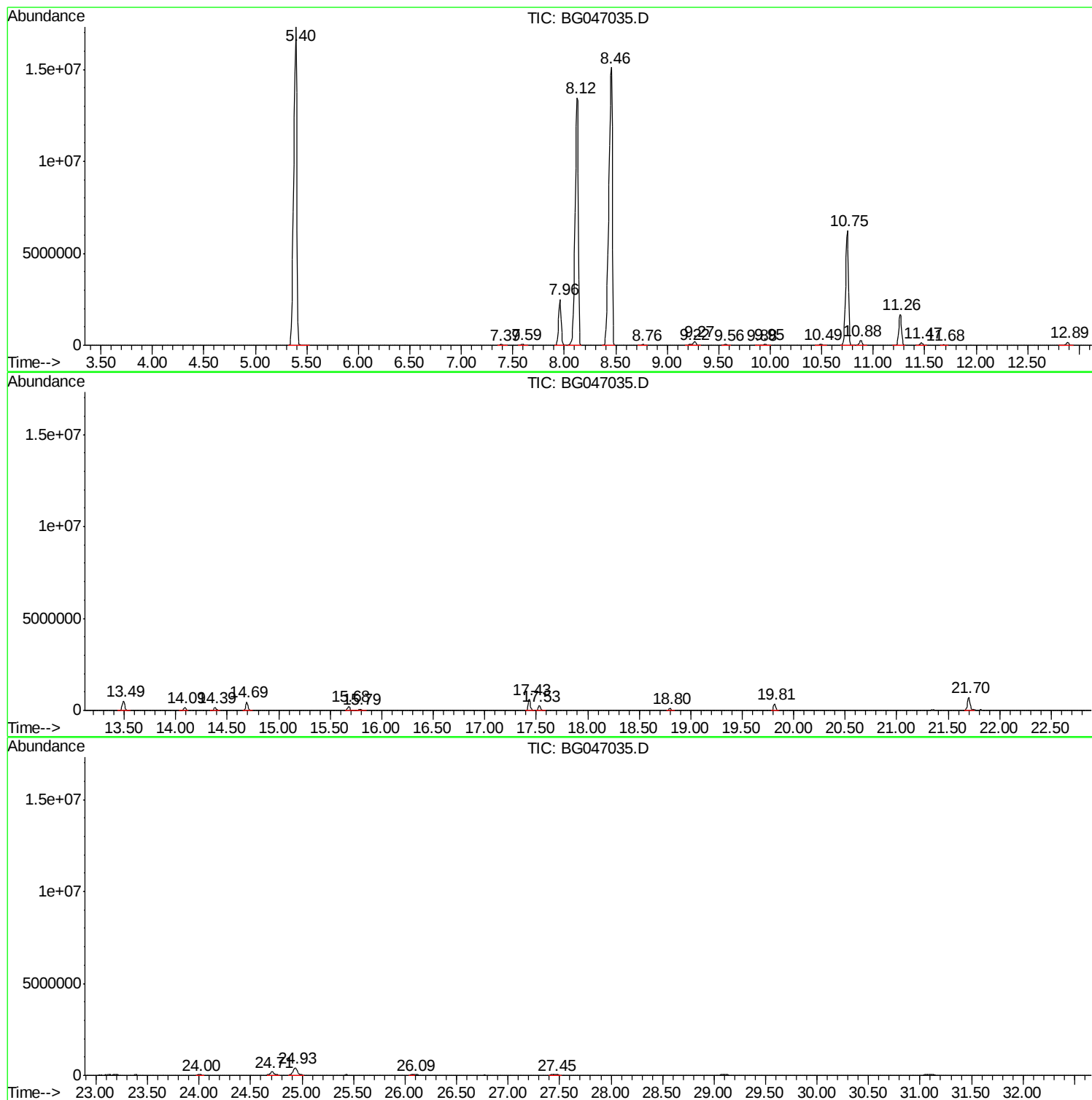
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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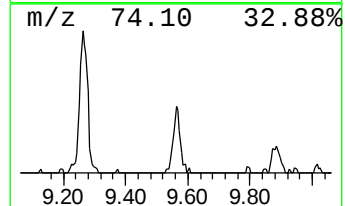
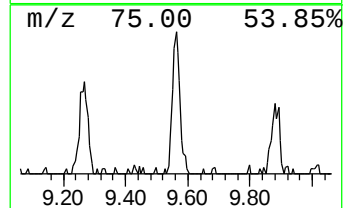
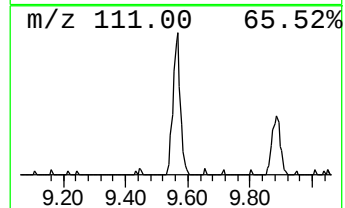
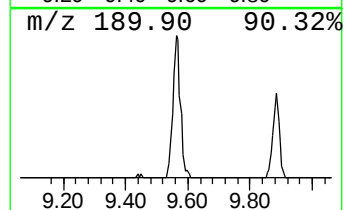
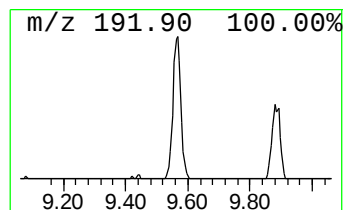
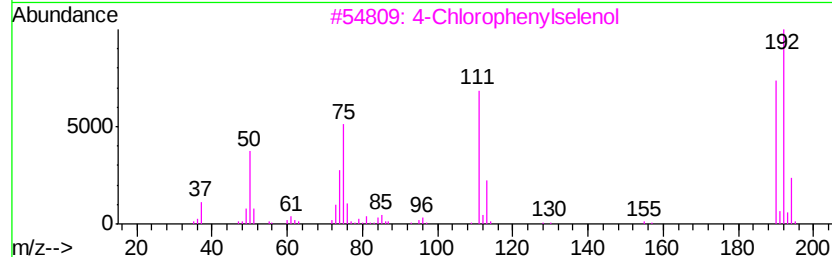
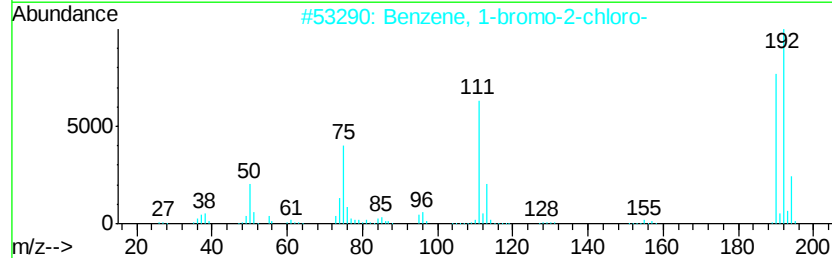
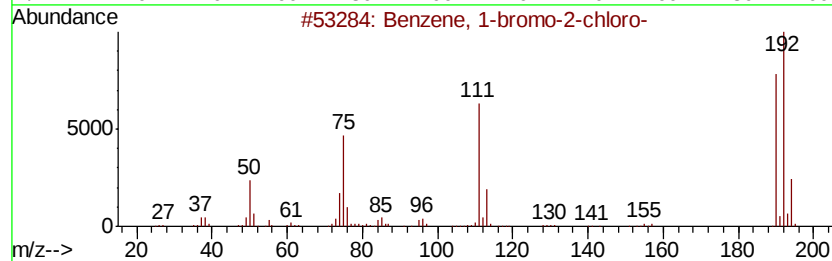
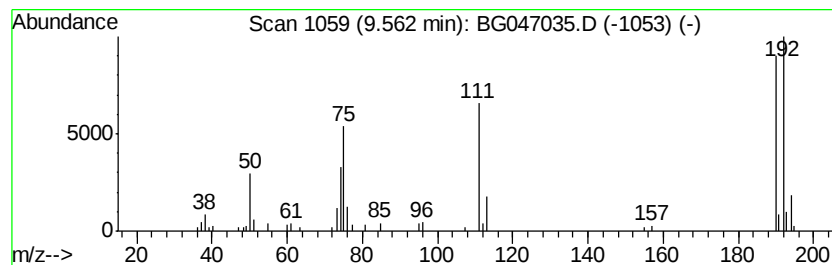
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	3.37 ng/ul	81851	Naphthalene-d8	10.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	93
2		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	92
3		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	91
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	90
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	81



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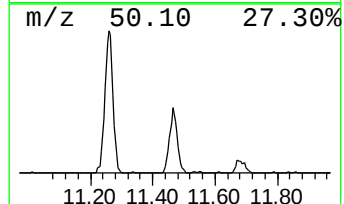
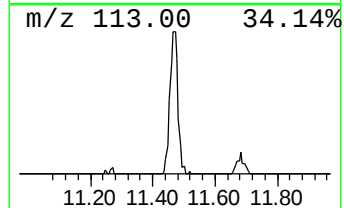
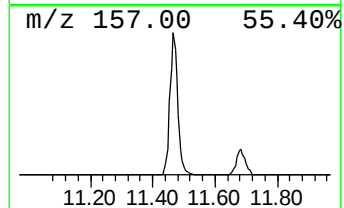
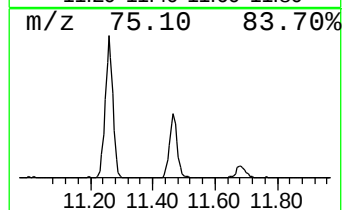
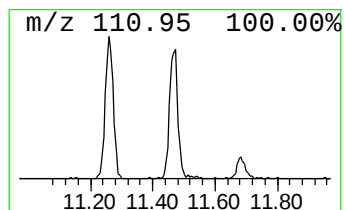
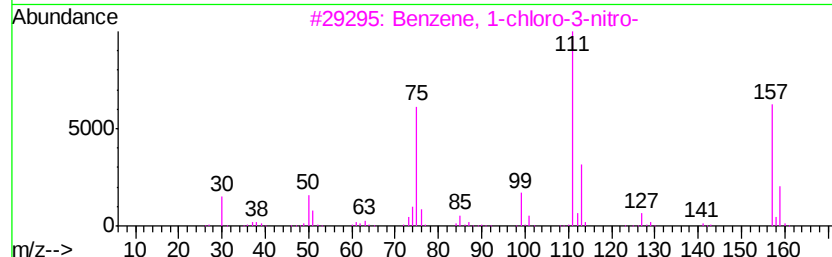
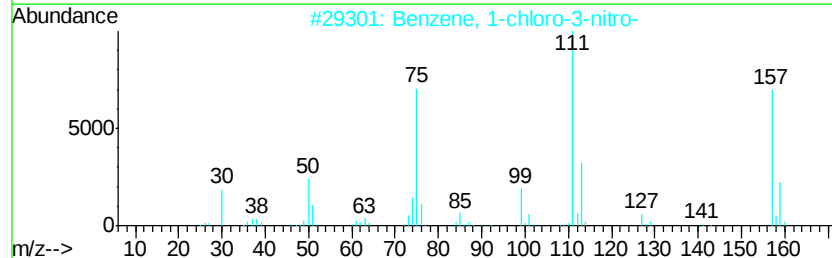
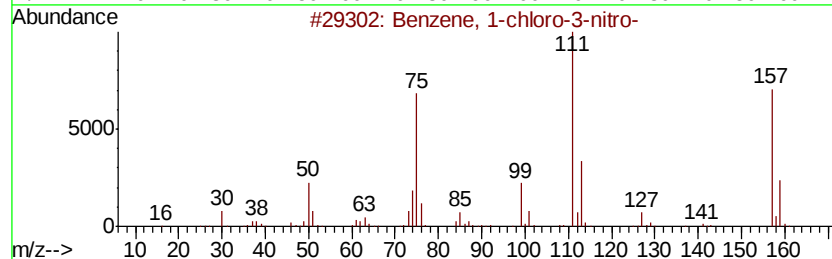
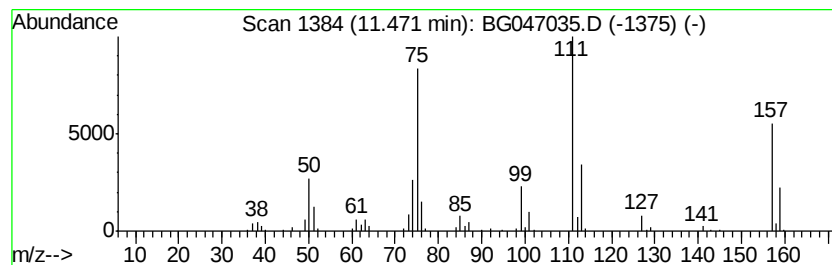
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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.
11.47	9.68 ng/ul	234899	Naphthalene-d8	10.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
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	93
5			Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



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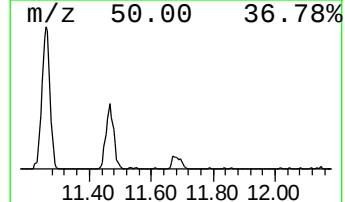
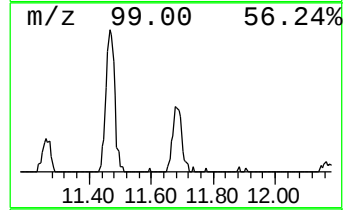
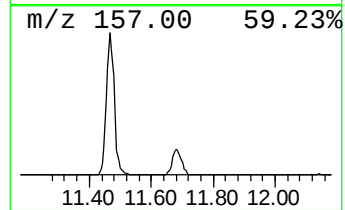
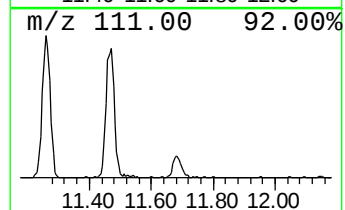
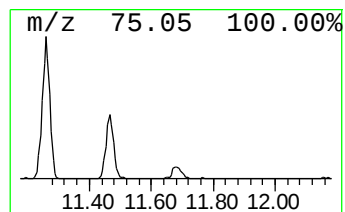
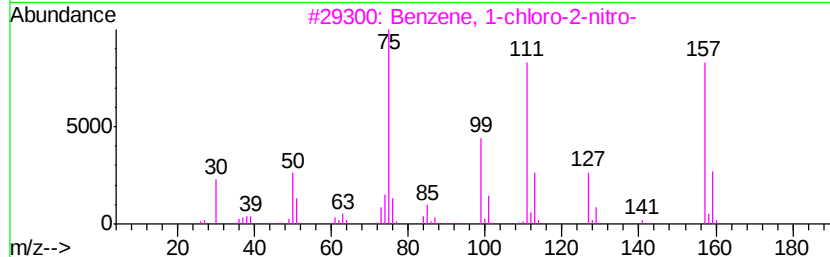
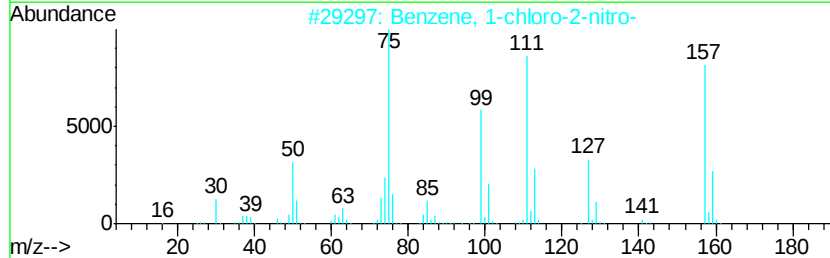
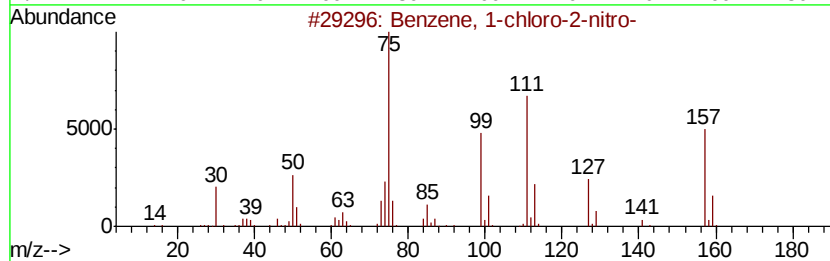
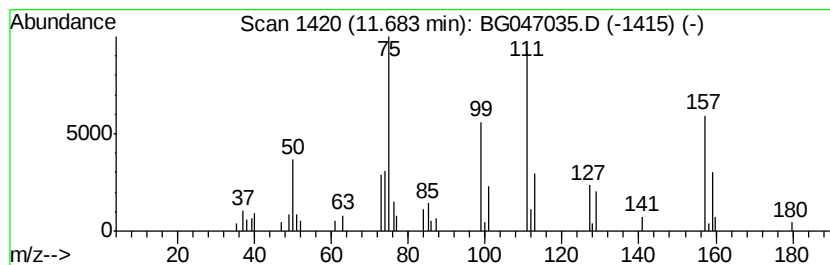
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.28 ng/ul	55315	Naphthalene-d8	10.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	90
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	81
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	81
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	70



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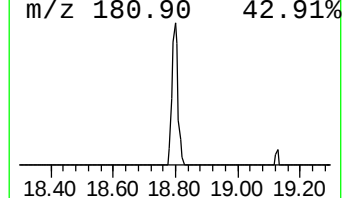
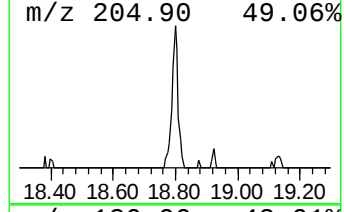
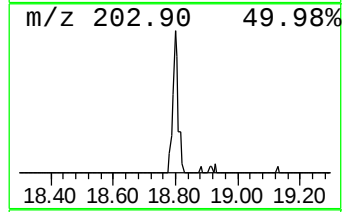
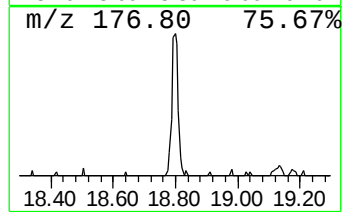
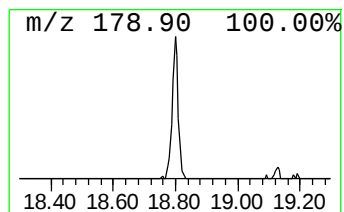
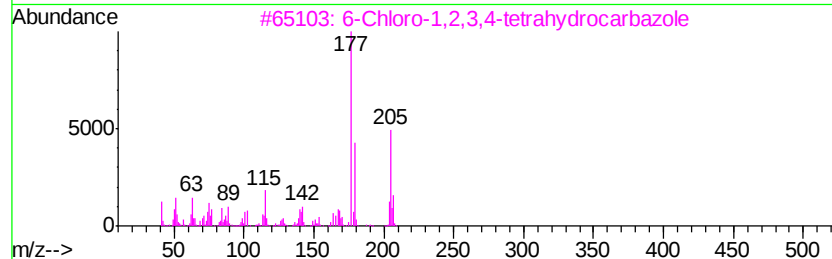
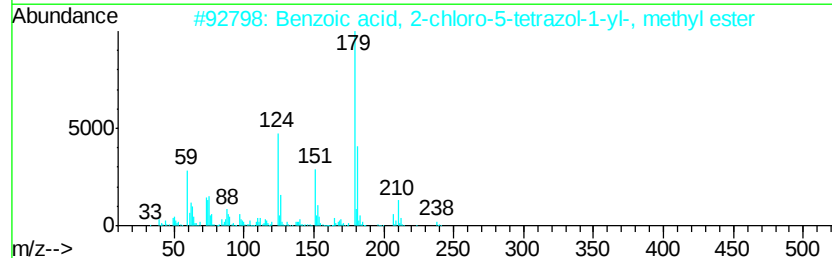
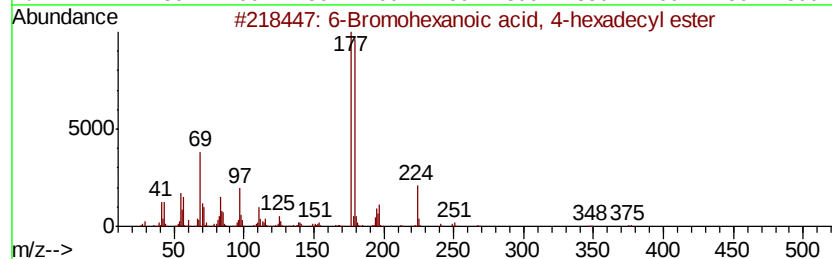
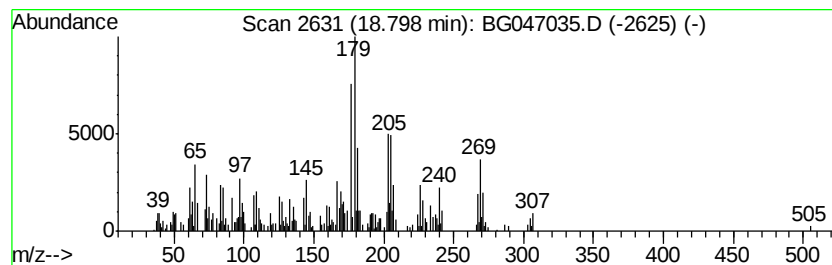
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TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	3.74 ng/ul	170478	Phenanthrene-d10	17.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Bromohexanoic acid, 4-hexadecyl...	418	C22H43BrO2	1000282-90-6	35
2			Benzoic acid, 2-chloro-5-tetrazo...	238	C9H7ClN4O2	1000310-73-5	22
3			6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	22
4			6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	15
5			1,2,2-Trimethyl-3-trifluoromethy...	224	C10H12F4O	1000322-33-7	11



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-bromo-...	9.56	3.4	ng/ul	81851	2	10.88	485109	20.0
Benzene, 1-chloro...	11.47	9.7	ng/ul	234899	2	10.88	485109	20.0
Benzene, 1-chloro...	11.68	2.3	ng/ul	55315	2	10.88	485109	20.0
unknown-01	18.80	3.7	ng/ul	170478	4	17.43	912161	20.0