

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
 Data File : BN004743.D
 Acq On : 13 Mar 2019 22:27
 Operator : JU/SJ
 Sample : K1859-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ5

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_N\METHODS\SOM-EPA-BN030719MA.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	3.223	38	40	46	rVB	3116	3528	0.35%	0.031%
2	5.058	347	352	359	rBB	54985	79372	7.95%	0.694%
3	6.887	659	663	670	rBB	20947	32166	3.22%	0.281%
4	7.058	687	692	701	rBB	83545	128152	12.84%	1.121%
5	7.252	719	725	734	rBB	100192	150425	15.07%	1.316%
6	7.605	781	785	790	rBB	14346	20691	2.07%	0.181%
7	7.716	799	804	807	rBV	102448	163500	16.38%	1.430%
8	7.752	807	810	817	rVB	109896	169465	16.97%	1.482%
9	8.069	857	864	871	rBB	625224	998338	100.00%	8.733%
10	8.422	919	924	931	rBB	72481	110025	11.02%	0.962%
11	8.881	996	1002	1005	rBV	105932	170152	17.04%	1.488%
12	8.928	1005	1010	1019	rVB	347580	565608	56.65%	4.948%
13	9.234	1058	1062	1066	rBB	5619	7479	0.75%	0.065%
14	9.593	1118	1123	1133	rBB	90728	149374	14.96%	1.307%
15	10.128	1208	1214	1224	rBV	138889	225073	22.54%	1.969%
16	10.363	1248	1254	1261	rBV	248768	403680	40.44%	3.531%
17	10.416	1261	1263	1268	rVB	589	1074	0.11%	0.009%
18	10.505	1271	1278	1285	rBV	161205	257010	25.74%	2.248%
19	10.652	1299	1303	1308	rBB	2695	3761	0.38%	0.033%
20	10.887	1336	1343	1349	rBB	165049	262599	26.30%	2.297%
21	11.110	1375	1381	1389	rBB	296169	478097	47.89%	4.182%
22	11.328	1412	1418	1424	rBB	64712	111077	11.13%	0.972%
23	11.722	1481	1485	1489	rBB	6364	8352	0.84%	0.073%
24	11.810	1496	1500	1505	rBB	5621	7421	0.74%	0.065%
25	12.093	1545	1548	1552	rBB	1676	2248	0.23%	0.020%
26	12.499	1613	1617	1620	rBV	9136	12613	1.26%	0.110%
27	12.534	1620	1623	1628	rVB	16884	22922	2.30%	0.201%
28	12.787	1663	1666	1668	rBB	1062	1141	0.11%	0.010%
29	12.940	1689	1692	1696	rBB	8093	10590	1.06%	0.093%
30	13.151	1722	1728	1734	rBB	103281	149227	14.95%	1.305%
31	13.322	1755	1757	1760	rBB	2976	2931	0.29%	0.026%
32	13.387	1763	1768	1773	rBB2	3534	6506	0.65%	0.057%
33	13.769	1827	1833	1842	rVV	305906	415751	41.64%	3.637%
34	13.828	1842	1843	1846	rVB	1915	1330	0.13%	0.012%

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35	14.051	1875	1881	1888	rBV	346097	506344	50.72%	4.429%
36	14.363	1928	1934	1940	rBB2	240164	362186	36.28%	3.168%
37	14.598	1970	1974	1984	rBB2	5607	10370	1.04%	0.091%
38	14.675	1984	1987	1990	rBB	3060	3470	0.35%	0.030%
39	14.851	2014	2017	2019	rBB	1250	1001	0.10%	0.009%
40	15.104	2057	2060	2063	rBB	1793	1921	0.19%	0.017%
41	15.357	2097	2103	2113	rBB	440669	624092	62.51%	5.459%
42	15.481	2119	2124	2130	rBV	124310	160119	16.04%	1.401%
43	15.592	2140	2143	2146	rBB	3093	3112	0.31%	0.027%
44	16.763	2340	2342	2345	rBB	1327	1319	0.13%	0.012%
45	16.916	2366	2368	2371	rVB	2268	2614	0.26%	0.023%
46	17.110	2395	2401	2411	rBV	324756	455077	45.58%	3.981%
47	17.210	2412	2418	2433	rVB	503113	695617	69.68%	6.085%
48	17.345	2439	2441	2444	rBB	1091	1144	0.11%	0.010%
49	17.739	2505	2508	2510	rBB	1106	1145	0.11%	0.010%
50	18.081	2563	2566	2571	rBB2	15940	17474	1.75%	0.153%
51	18.334	2607	2609	2612	rBB	4385	3720	0.37%	0.033%
52	18.486	2630	2635	2640	rVB	243552	300061	30.06%	2.625%
53	18.598	2651	2654	2659	rBV3	5223	8768	0.88%	0.077%
54	18.822	2688	2692	2696	rVB	2943	3166	0.32%	0.028%
55	19.145	2743	2747	2751	rVB	4453	4905	0.49%	0.043%
56	19.398	2786	2790	2794	rBV	3128	3635	0.36%	0.032%
57	19.510	2803	2809	2821	rBB	638011	883936	88.54%	7.732%
58	21.310	3109	3115	3123	rBV	473514	590743	59.17%	5.167%
59	21.439	3135	3137	3139	rBV2	3340	3178	0.32%	0.028%
60	21.516	3146	3150	3152	rBV3	1055	1649	0.17%	0.014%
61	21.875	3208	3211	3215	rBV	10708	10828	1.08%	0.095%
62	22.339	3286	3290	3294	rBV	22014	26914	2.70%	0.235%
63	22.845	3369	3376	3381	rBV2	27769	41354	4.14%	0.362%
64	23.421	3467	3474	3485	rBV2	457593	880148	88.16%	7.699%
65	23.569	3491	3499	3512	rBV	276783	540676	54.16%	4.730%
66	24.057	3576	3582	3589	rBV	27652	50534	5.06%	0.442%
67	24.804	3703	3709	3719	rBV	23463	48602	4.87%	0.425%
68	25.680	3851	3858	3865	rBV2	12534	30304	3.04%	0.265%
69	26.710	4028	4033	4039	rVB2	8761	20101	2.01%	0.176%

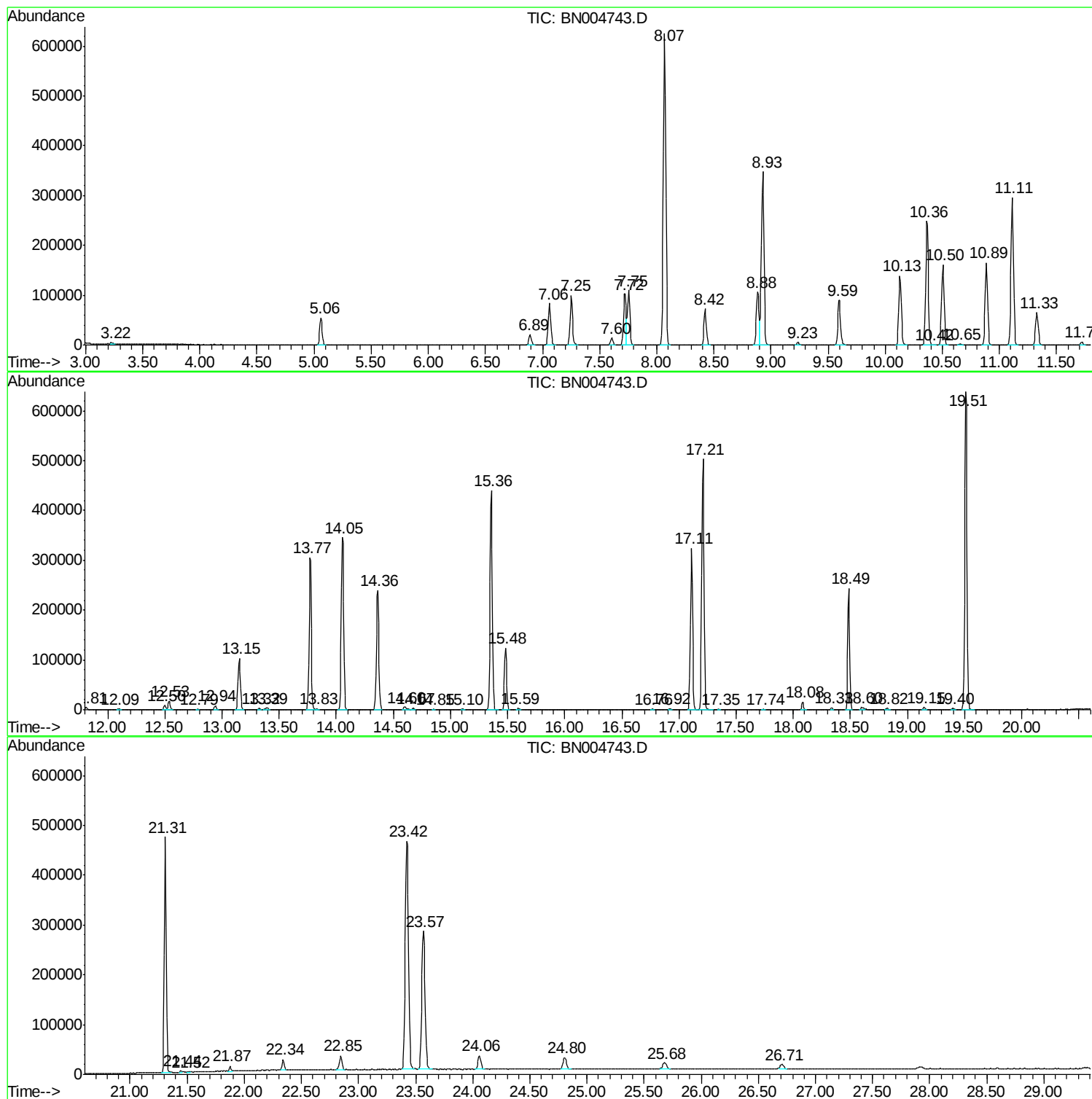
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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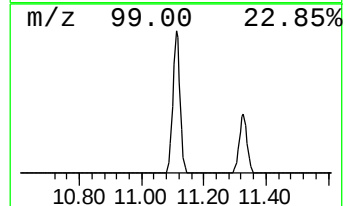
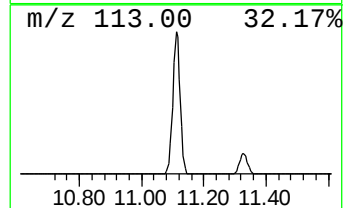
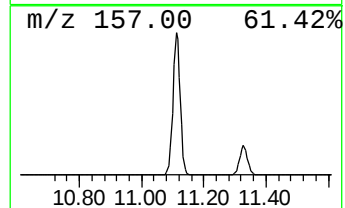
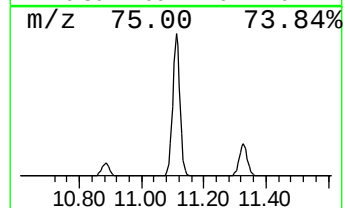
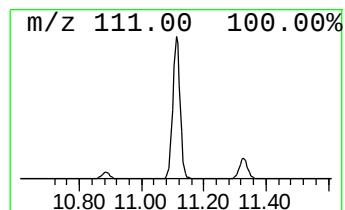
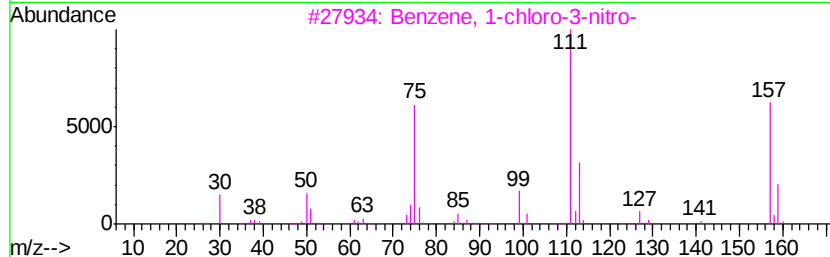
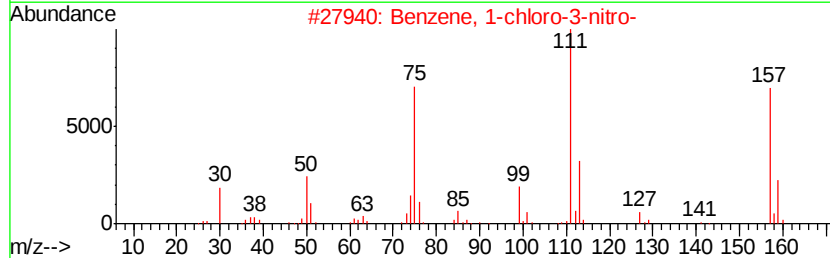
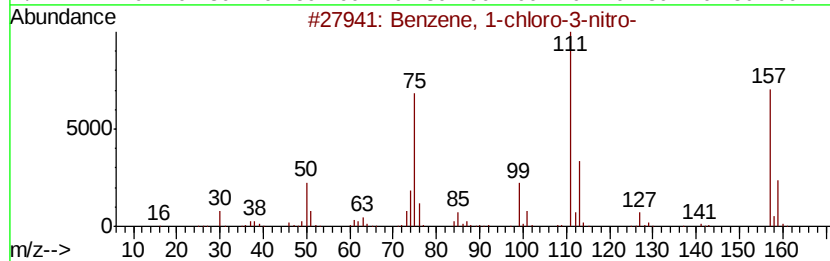
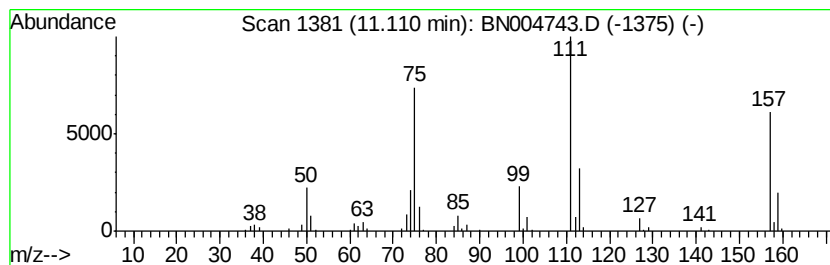
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	37.20 ng/ul	478097	Naphthalene-d8	10.50

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	



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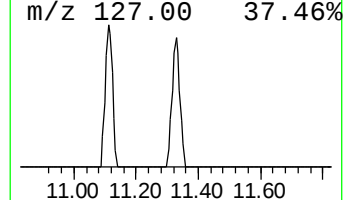
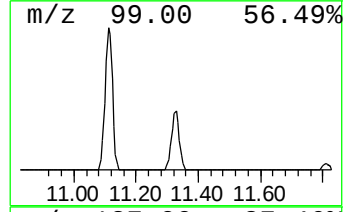
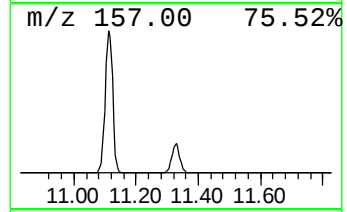
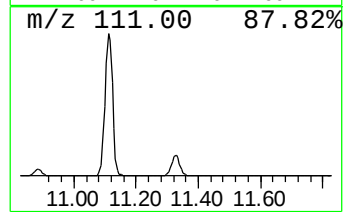
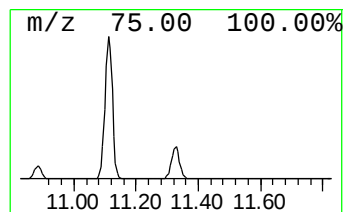
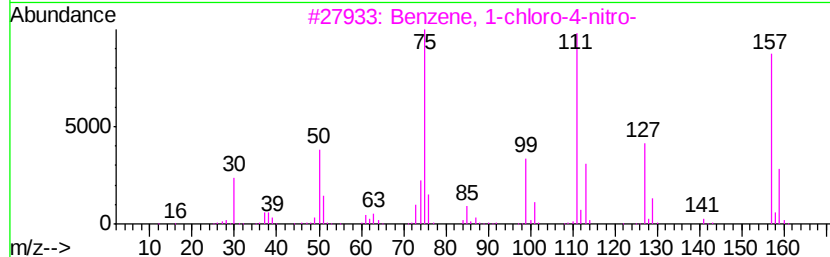
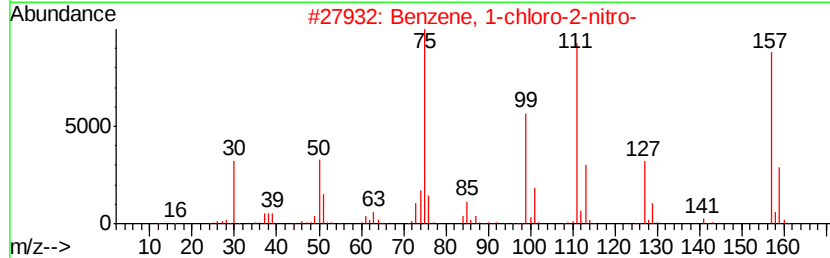
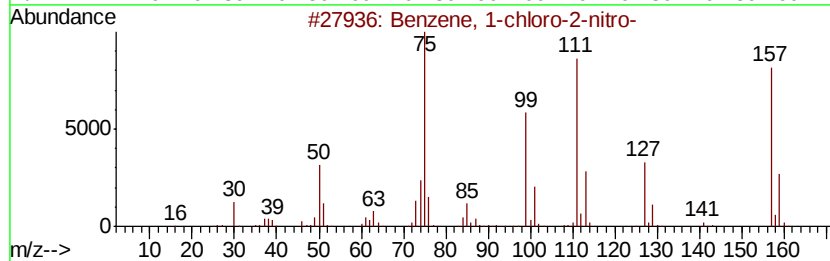
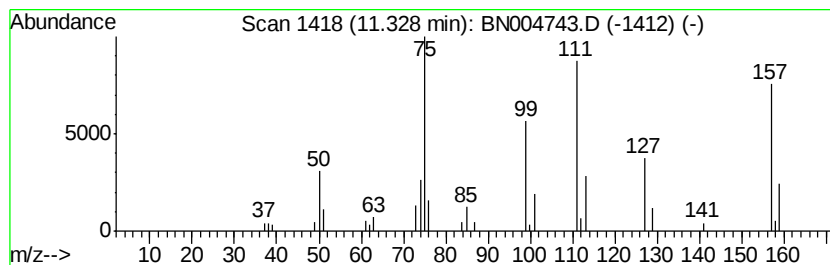
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Peak Number 7 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	8.64 ng/ul	111077	Naphthalene-d8	10.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	96



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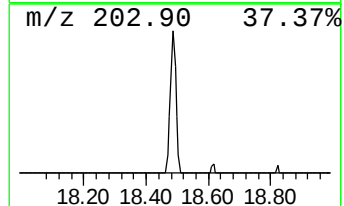
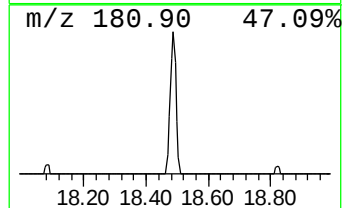
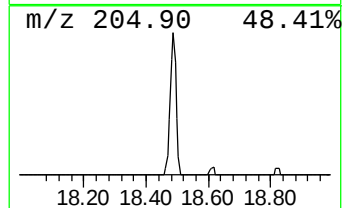
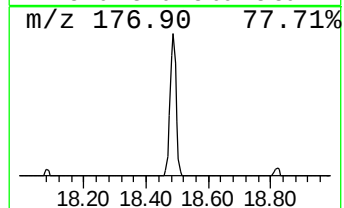
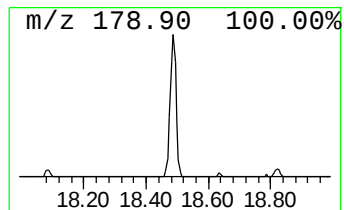
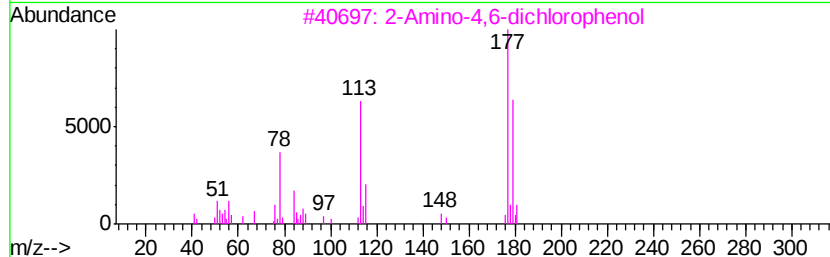
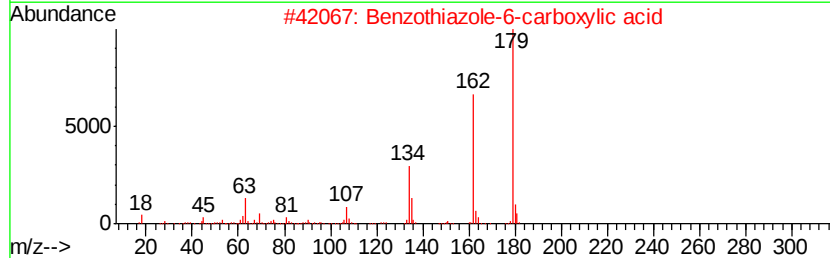
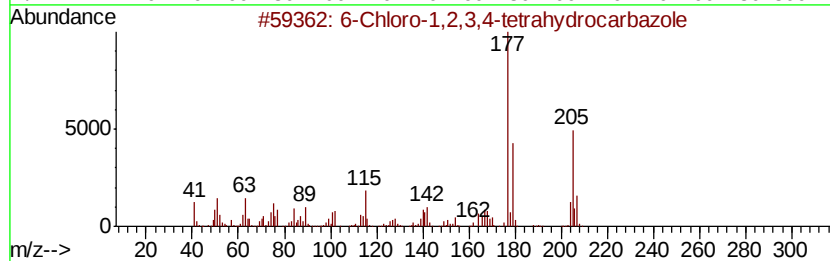
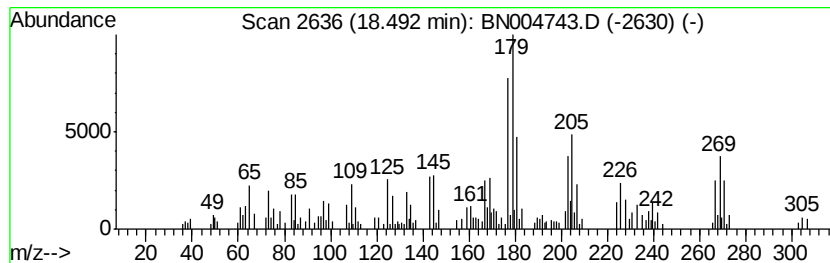
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Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	13.19 ng/ul	300061	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
2		Benzothiazole-6-carboxylic acid	179	C8H5N02S	003622-35-3	25
3		2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	22
4		6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	18
5		3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	15



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	11.11	37.2	ng/ul	478097	2	10.50	257010	20.0
Benzene, 1-chloro...	11.33	8.6	ng/ul	111077	2	10.50	257010	20.0
unknown-01	18.49	13.2	ng/ul	300061	4	17.11	455077	20.0