

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
 Data File : BM026004.D
 Acq On : 16 May 2020 02:29
 Operator : MA/SJ
 Sample : L2655-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0F23

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_M\METHODS\SOM-EPA-BM051320MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM026006.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	29	32	40	rVB	52080	78067	1.99%	0.145%
2	3.705	135	139	145	rVB5	6559	12133	0.31%	0.023%
3	3.781	149	152	159	rVB	12480	17949	0.46%	0.033%
4	4.869	331	337	345	rBV	171881	261844	6.68%	0.486%
5	5.646	465	469	479	rBV	29910	53355	1.36%	0.099%
6	6.193	556	562	573	rBV2	21925	40291	1.03%	0.075%
7	6.693	640	647	658	rVB	157403	248288	6.34%	0.461%
8	6.852	668	674	687	rBV	595405	913852	23.32%	1.695%
9	7.040	700	706	719	rVB	596867	989339	25.25%	1.835%
10	7.228	732	738	743	rBV2	9399	14201	0.36%	0.026%
11	7.393	762	766	772	rVB	41703	64017	1.63%	0.119%
12	7.504	779	785	788	rBV	640313	990206	25.27%	1.837%
13	7.540	788	791	797	rVV	437061	623432	15.91%	1.157%
14	7.851	835	844	854	rBV	1669835	2566731	65.50%	4.761%
15	8.216	899	906	917	rBV	437192	660338	16.85%	1.225%
16	8.328	920	925	931	rVB5	5800	11935	0.30%	0.022%
17	8.646	973	979	982	rBV	721495	1154442	29.46%	2.142%
18	8.693	982	987	998	rVB	2352783	3684715	94.03%	6.835%
19	8.840	1006	1012	1022	rBV	58098	97373	2.48%	0.181%
20	9.110	1051	1058	1064	rBV3	19716	47288	1.21%	0.088%
21	9.293	1084	1089	1093	rBV6	7454	12446	0.32%	0.023%
22	9.363	1093	1101	1115	rVV	579775	976120	24.91%	1.811%
23	9.898	1184	1192	1199	rBV	791915	1260654	32.17%	2.339%
24	9.957	1199	1202	1209	rVB3	11778	20435	0.52%	0.038%
25	10.051	1212	1218	1224	rBV9	6084	12804	0.33%	0.024%
26	10.140	1226	1233	1247	rBV	629422	1049670	26.79%	1.947%
27	10.269	1247	1255	1262	rBV	790190	1300529	33.19%	2.413%
28	10.410	1272	1279	1285	rBV	40366	73305	1.87%	0.136%
29	10.651	1313	1320	1327	rVV	519747	831257	21.21%	1.542%
30	10.863	1343	1356	1374	rBV	1604318	2612899	66.68%	4.847%
31	11.075	1385	1392	1403	rBV	378763	655543	16.73%	1.216%
32	11.569	1468	1476	1480	rBV	63104	109440	2.79%	0.203%
33	11.604	1480	1482	1488	rVB3	20242	28670	0.73%	0.053%
34	11.869	1521	1527	1532	rBV3	13884	22579	0.58%	0.042%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Title : SVOA CALIBRATION

35	12.263	1588	1594	1600	rBV	92023	150716	3.85%	0.280%
36	12.322	1600	1604	1610	rVB	27266	41104	1.05%	0.076%
37	12.557	1638	1644	1654	rVV4	23470	43403	1.11%	0.081%
38	12.716	1664	1671	1676	rBV	56243	85097	2.17%	0.158%
39	12.763	1676	1679	1685	rVB4	10495	14582	0.37%	0.027%
40	12.933	1703	1708	1716	rVV	285327	488326	12.46%	0.906%
41	13.051	1722	1728	1731	rVV6	18688	31606	0.81%	0.059%
42	13.098	1731	1736	1741	rVV5	30791	58910	1.50%	0.109%
43	13.163	1741	1747	1752	rVV2	46602	103061	2.63%	0.191%
44	13.569	1806	1816	1821	rBV	1516545	2233397	56.99%	4.143%
45	13.616	1821	1824	1832	rVB	200626	275986	7.04%	0.512%
46	13.792	1851	1854	1855	rBV3	13453	13419	0.34%	0.025%
47	13.833	1855	1861	1871	rVV	1602085	2290271	58.44%	4.249%
48	13.939	1873	1879	1886	rVB9	15814	34633	0.88%	0.064%
49	14.151	1908	1915	1926	rVB	1085696	1603624	40.92%	2.975%
50	14.363	1945	1951	1961	rVV	128154	210548	5.37%	0.391%
51	14.445	1961	1965	1968	rVV4	13133	20200	0.52%	0.037%
52	14.639	1994	1998	2003	rVB	40670	54140	1.38%	0.100%
53	14.916	2041	2045	2053	rVB2	17772	28398	0.72%	0.053%
54	15.151	2078	2085	2091	rBV	2040962	2897432	73.94%	5.375%
55	15.204	2091	2094	2099	rVB4	14503	19762	0.50%	0.037%
56	15.275	2100	2106	2117	rBV	794550	1053128	26.87%	1.954%
57	15.392	2121	2126	2131	rVB	23226	34274	0.87%	0.064%
58	15.669	2166	2173	2178	rVB	5970	11652	0.30%	0.022%
59	15.733	2178	2184	2186	rBV4	11249	15584	0.40%	0.029%
60	15.910	2210	2214	2216	rBV3	13375	20494	0.52%	0.038%
61	15.939	2216	2219	2223	rVB4	23382	29252	0.75%	0.054%
62	16.122	2246	2250	2256	rVB6	20798	29498	0.75%	0.055%
63	16.298	2277	2280	2284	rVB4	17064	21486	0.55%	0.040%
64	16.463	2303	2308	2312	rVV6	7412	12242	0.31%	0.023%
65	16.710	2343	2350	2355	rBV3	23466	46302	1.18%	0.086%
66	16.898	2375	2382	2392	rBV	1311426	1828158	46.65%	3.391%
67	16.998	2392	2399	2410	rVV	2345710	3243036	82.76%	6.016%
68	17.092	2412	2415	2419	rVV5	19943	34808	0.89%	0.065%
69	17.133	2419	2422	2425	rVV4	19340	29868	0.76%	0.055%
70	17.157	2425	2426	2433	rVV6	12897	18146	0.46%	0.034%
71	17.269	2441	2445	2453	rVB3	12286	19483	0.50%	0.036%

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72	17.439	2469	2474	2478	rBV3	9720	14785	0.38%	0.027%
73	17.521	2483	2488	2492	rVB4	26367	36945	0.94%	0.069%
74	17.616	2499	2504	2510	rVB5	27834	45709	1.17%	0.085%
75	17.821	2534	2539	2543	rBV2	92747	123105	3.14%	0.228%
76	17.863	2543	2546	2554	rVV7	36549	81859	2.09%	0.152%
77	17.921	2554	2556	2562	rVV6	6245	11517	0.29%	0.021%
78	17.980	2562	2566	2571	rVB7	9611	15857	0.40%	0.029%
79	18.127	2588	2591	2597	rVB3	10191	12370	0.32%	0.023%
80	18.268	2610	2615	2625	rVB	1288321	1743393	44.49%	3.234%
81	18.351	2625	2629	2632	rVV6	14761	18548	0.47%	0.034%
82	18.398	2632	2637	2645	rVB5	48917	70684	1.80%	0.131%
83	18.574	2661	2667	2669	rBV5	29902	50577	1.29%	0.094%
84	18.604	2669	2672	2676	rVV3	85313	113645	2.90%	0.211%
85	18.651	2676	2680	2686	rVB8	24364	38169	0.97%	0.071%
86	18.739	2691	2695	2698	rBV4	14152	21519	0.55%	0.040%
87	18.927	2724	2727	2731	rVV	26697	33907	0.87%	0.063%
88	19.115	2755	2759	2762	rBV2	35663	48491	1.24%	0.090%
89	19.163	2764	2767	2768	rVV3	19549	23282	0.59%	0.043%
90	19.180	2768	2770	2775	rVB	24447	31816	0.81%	0.059%
91	19.298	2782	2790	2797	rBV	2908201	3810701	97.24%	7.069%
92	19.815	2875	2878	2881	rBV5	20431	25803	0.66%	0.048%
93	20.839	3048	3052	3058	rBV2	186417	246741	6.30%	0.458%
94	21.092	3090	3095	3103	rBV	1735758	2100352	53.60%	3.896%
95	21.704	3196	3199	3204	rBV2	53638	75870	1.94%	0.141%
96	22.145	3271	3274	3277	rVB	73320	72535	1.85%	0.135%
97	22.621	3352	3355	3360	rVB	102770	123746	3.16%	0.230%
98	23.086	3427	3434	3442	rBV	2364536	3918829	100.00%	7.270%
99	23.156	3442	3446	3449	rVV	136055	189248	4.83%	0.351%
100	23.215	3450	3456	3464	rVB	1272360	2163973	55.22%	4.014%

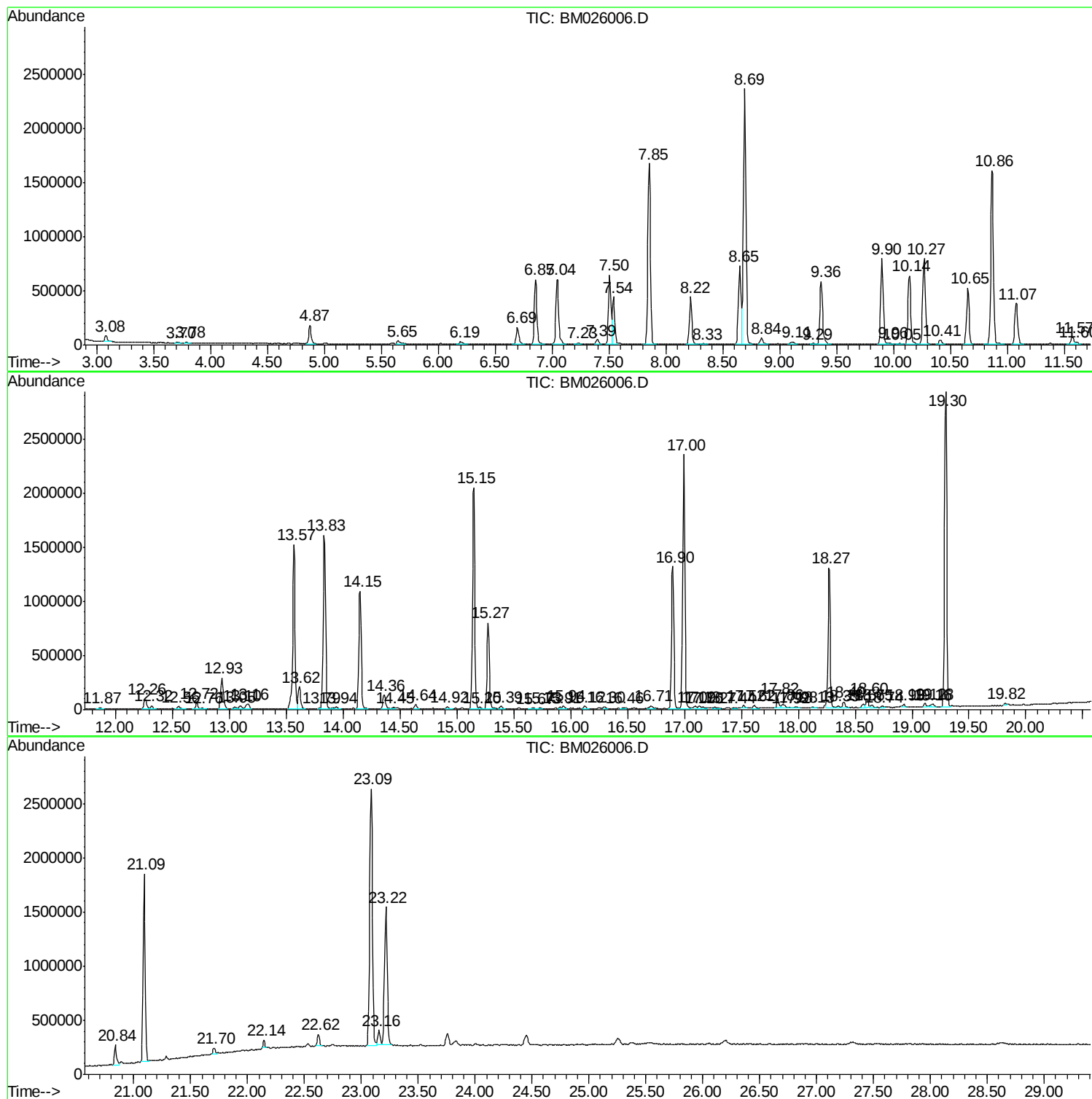
Sum of corrected areas: 53906149

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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



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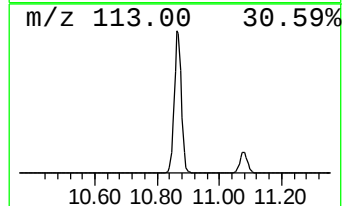
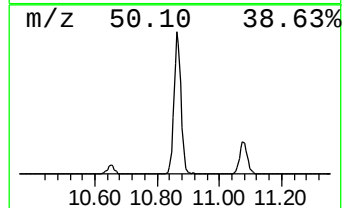
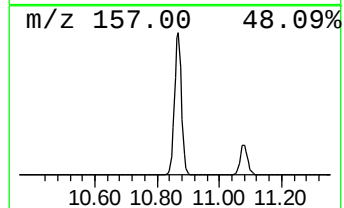
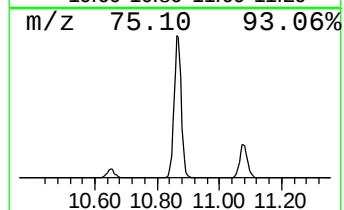
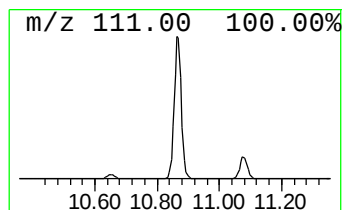
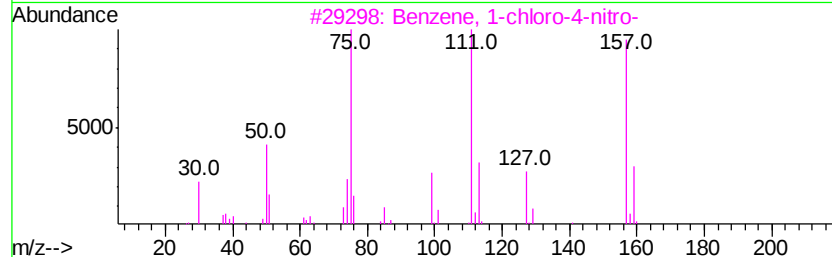
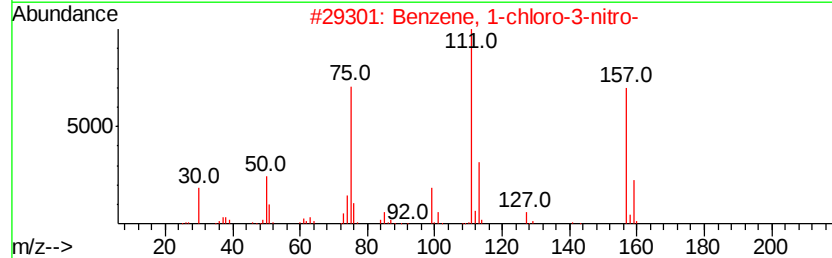
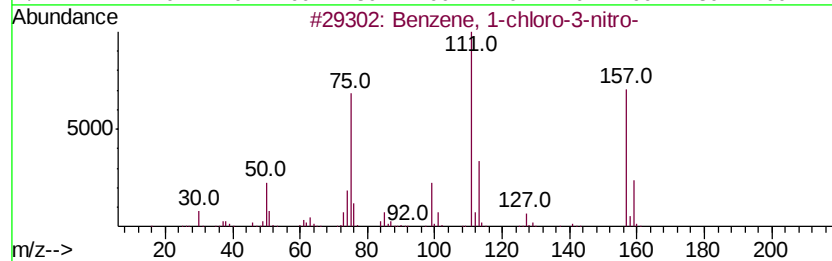
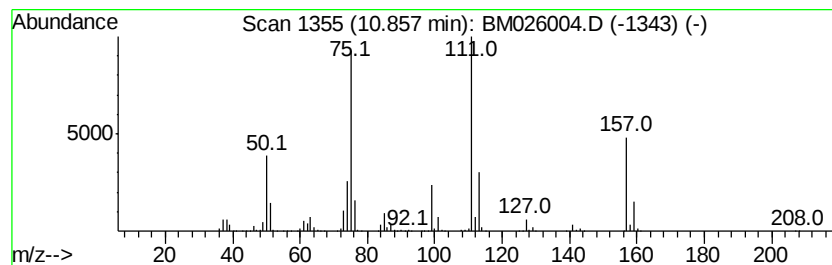
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	40.18 ng/ul	2612900	Naphthalene-d8	10.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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-4-nitro-	157	C6H4ClNO2	000100-00-5	91
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	80



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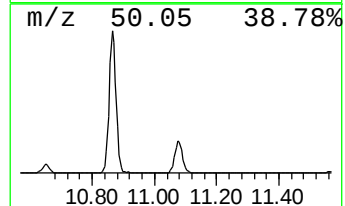
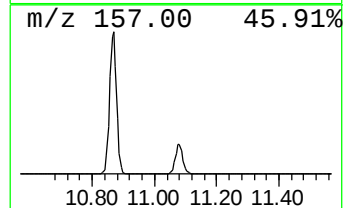
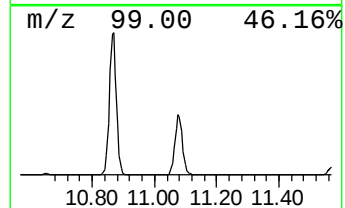
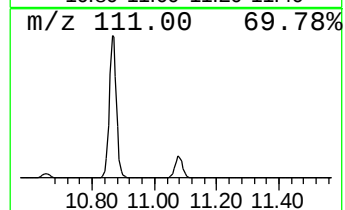
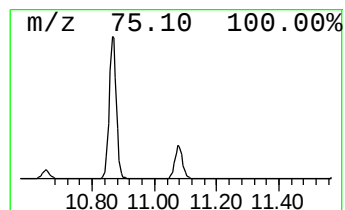
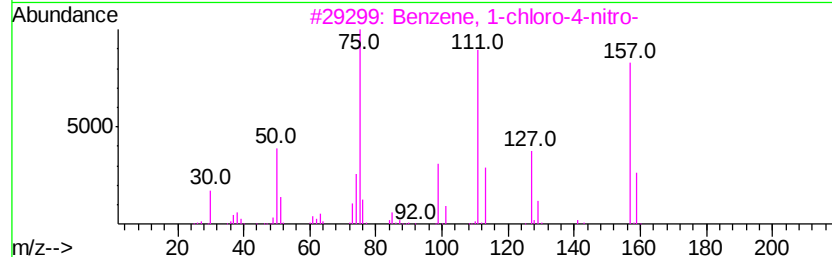
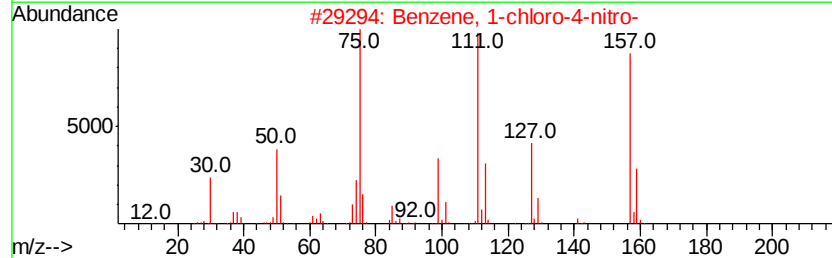
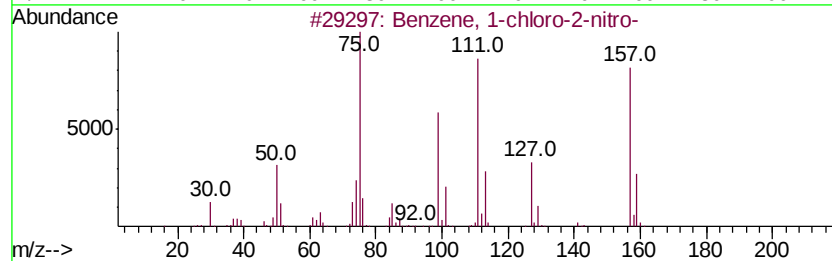
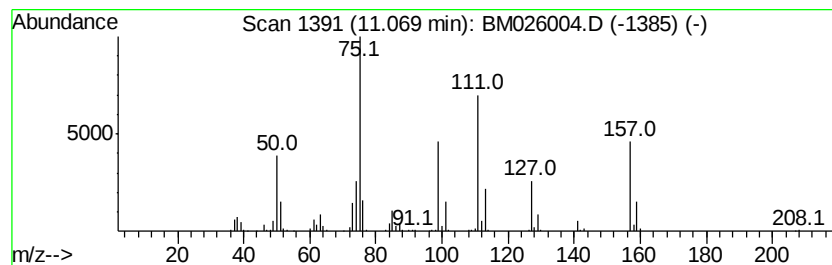
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	10.08 ng/ul	655543	Napthalene-d8	10.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClN02	000088-73-3	97
2		Benzene, 1-chloro-4-nitro-	157	C6H4ClN02	000100-00-5	95
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClN02	000100-00-5	95
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClN02	000121-73-3	93
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClN02	000088-73-3	93



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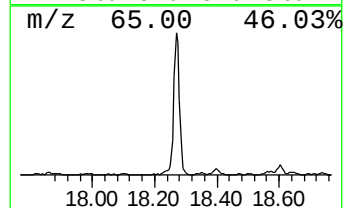
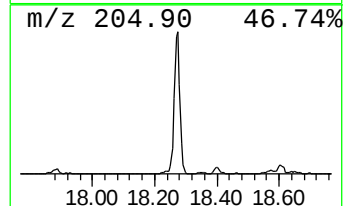
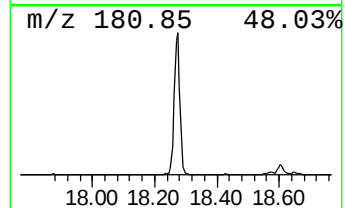
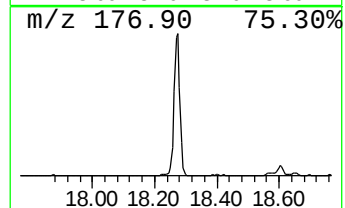
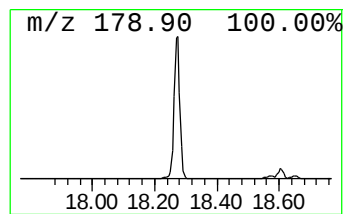
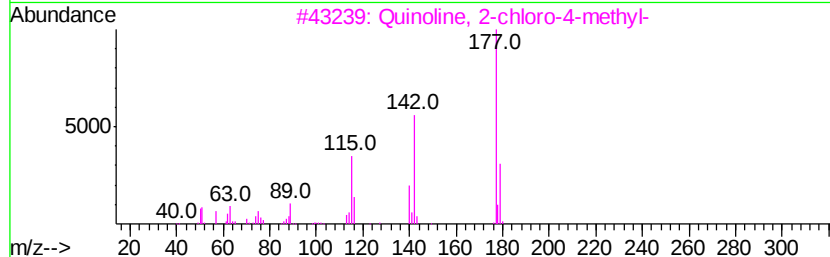
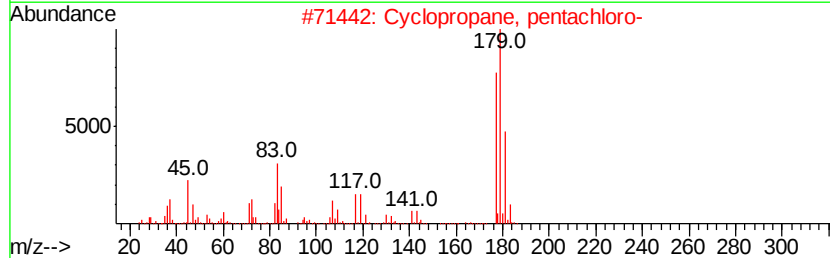
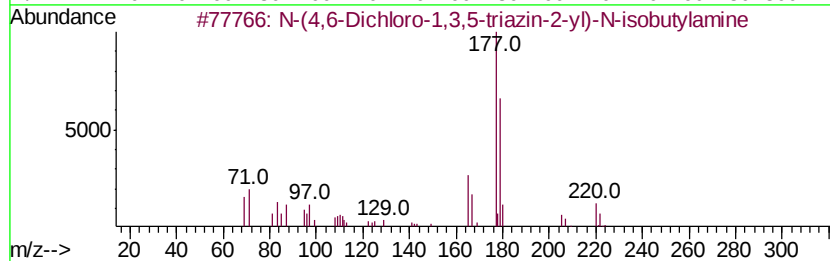
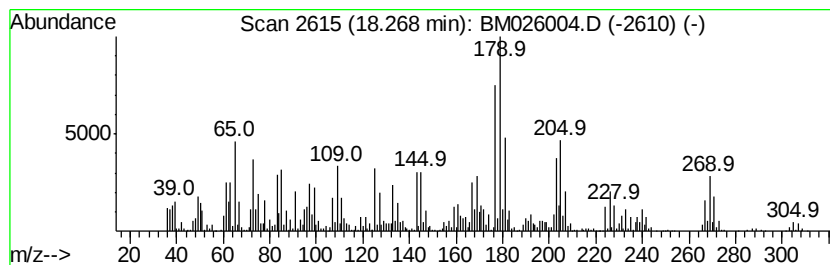
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	19.07 ng/ul	1743390	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	17
2		Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	16
3		Quinoline, 2-chloro-4-methyl-	177	C10H8ClN	000634-47-9	14
4		Methyl 2,5-dichlorothiophene-3-c...	210	C6H4Cl2O2S	145129-54-0	14
5		3-Fluorobenzotrichloride	212	C7H4Cl3F	1000342-36-1	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM026004.D
Acq On : 16 May 2020 02:29
Operator : MA/SJ
Sample : L2655-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0F23

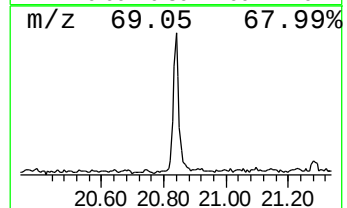
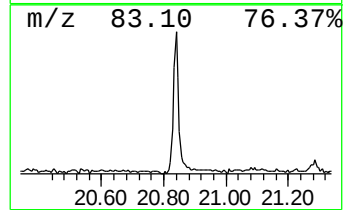
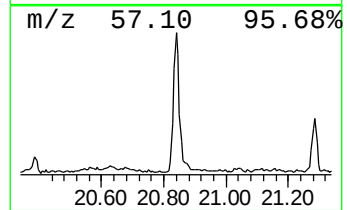
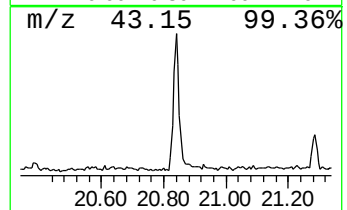
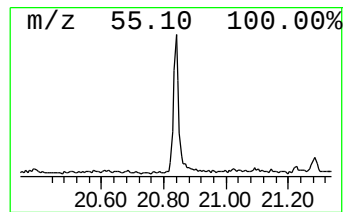
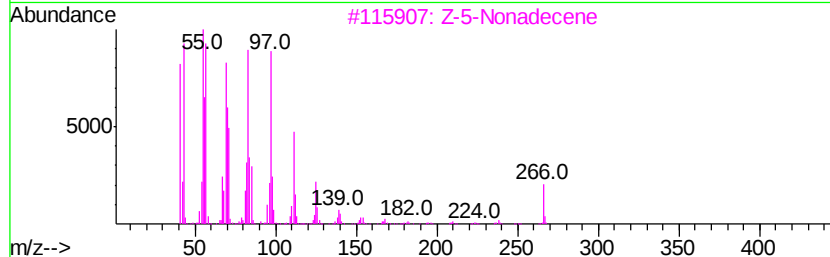
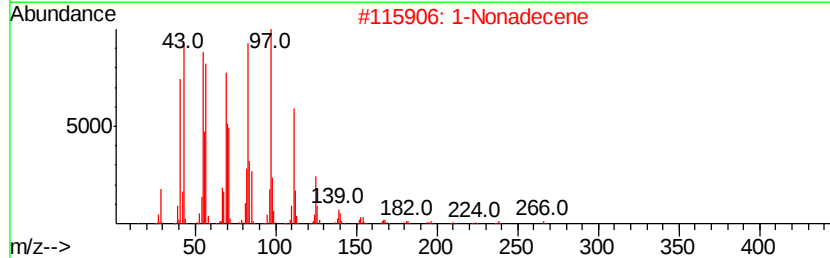
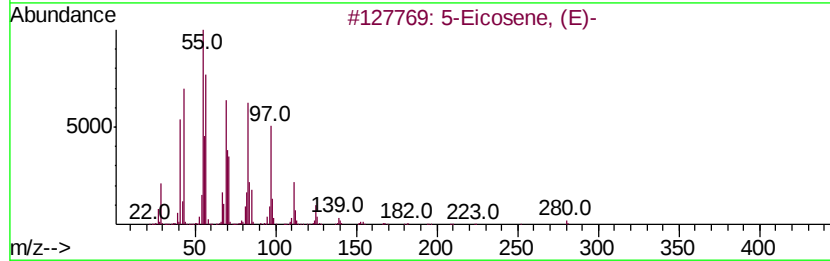
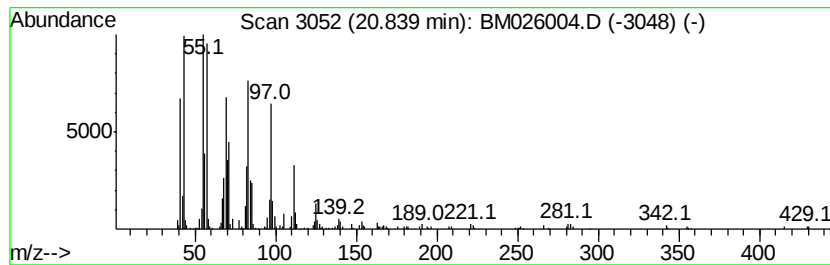
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.35 ng/ul	246741	Chrysene-d12	21.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2			1-Nonadecene	266	C19H38	018435-45-5	99
3			Z-5-Nonadecene	266	C19H38	1000131-11-8	98
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051520\
Data File : BM026004.D
Acq On : 16 May 2020 02:29
Operator : MA/SJ
Sample : L2655-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0F23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	10.86	40.2	ng/ul	2612900	2	10.27	1300530	20.0
Benzene, 1-chloro...	11.07	10.1	ng/ul	655543	2	10.27	1300530	20.0
unknown-01	18.27	19.1	ng/ul	1743390	4	16.90	1828160	20.0
(DEL) Alkane: Str...	20.84	2.4	ng/ul	246741	5	21.09	2100350	20.0