

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021479.D
 Acq On : 16 Jul 2019 22:16
 Operator : HP/JU
 Sample : K3787-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C88

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-BM070819MA.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	5.069	352	354	359	rVB2	49332	59707	1.05%	0.089%
2	6.898	661	665	676	rVB	160555	279633	4.93%	0.415%
3	7.069	689	694	705	rVB	568344	892246	15.72%	1.324%
4	7.257	720	726	744	rVB	641756	1065486	18.77%	1.582%
5	7.610	783	786	791	rVB3	17752	27469	0.48%	0.041%
6	7.722	799	805	811	rBV	556141	950484	16.75%	1.411%
7	8.069	858	864	877	rVB	775483	1288484	22.70%	1.913%
8	8.433	920	926	938	rVB	499983	813974	14.34%	1.208%
9	8.892	997	1004	1006	rBV	733188	1209661	21.31%	1.796%
10	8.939	1006	1012	1020	rVB	3292790	5644300	99.45%	8.378%
11	9.245	1060	1064	1068	rBV2	14511	18198	0.32%	0.027%
12	9.345	1075	1081	1086	rBV4	17979	30611	0.54%	0.045%
13	9.604	1118	1125	1138	rVB	649171	1167914	20.58%	1.734%
14	10.133	1208	1215	1224	rBV	985046	1645606	28.99%	2.443%
15	10.292	1238	1242	1245	rBV3	4779	6825	0.12%	0.010%
16	10.369	1249	1255	1264	rBV	356558	594848	10.48%	0.883%
17	10.510	1272	1279	1286	rBV	771491	1263173	22.26%	1.875%
18	10.663	1299	1305	1313	rBV	53862	96053	1.69%	0.143%
19	10.886	1337	1343	1353	rVB	317557	528067	9.30%	0.784%
20	11.121	1375	1383	1398	rVB	3222431	5189655	91.44%	7.703%
21	11.333	1411	1419	1429	rBV	681740	1233321	21.73%	1.831%
22	11.733	1482	1487	1492	rVB	23890	35518	0.63%	0.053%
23	11.821	1495	1502	1514	rVB	92992	172821	3.05%	0.257%
24	12.098	1545	1549	1555	rVB	12930	20588	0.36%	0.031%
25	12.410	1596	1602	1608	rVB3	4066	6165	0.11%	0.009%
26	12.510	1612	1619	1630	rBV3	129270	237140	4.18%	0.352%
27	12.716	1649	1654	1657	rBV2	4569	7973	0.14%	0.012%
28	12.798	1662	1668	1677	rVV2	37939	74595	1.31%	0.111%
29	12.951	1689	1694	1700	rBV2	98263	150661	2.65%	0.224%
30	13.157	1723	1729	1739	rVB2	190903	353979	6.24%	0.525%
31	13.251	1741	1745	1748	rVV3	21153	33497	0.59%	0.050%
32	13.286	1748	1751	1755	rVV3	25574	39901	0.70%	0.059%
33	13.333	1755	1759	1764	rVV2	45785	65731	1.16%	0.098%
34	13.398	1764	1770	1777	rVV2	63553	106023	1.87%	0.157%

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Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Title : SVOA CALIBRATION

35	13.451	1777	1779	1786	rVB3	4926	7754	0.14%	0.012%
36	13.786	1822	1836	1841	rBV	2028388	2923253	51.51%	4.339%
37	13.833	1841	1844	1851	rVB	240642	339254	5.98%	0.504%
38	14.004	1868	1873	1876	rBV5	13176	17416	0.31%	0.026%
39	14.062	1876	1883	1892	rVV	2276411	3257733	57.40%	4.836%
40	14.133	1892	1895	1899	rVV3	5636	8793	0.15%	0.013%
41	14.180	1899	1903	1908	rVB4	18530	28689	0.51%	0.043%
42	14.368	1928	1935	1942	rBV2	1151471	1689214	29.76%	2.507%
43	14.415	1942	1943	1950	rVB4	11048	9703	0.17%	0.014%
44	14.598	1968	1974	1986	rVV3	94647	212987	3.75%	0.316%
45	14.686	1986	1989	1996	rVV5	11253	24414	0.43%	0.036%
46	14.786	2000	2006	2012	rVV4	7466	13623	0.24%	0.020%
47	14.862	2014	2019	2026	rVV2	45958	71036	1.25%	0.105%
48	14.921	2026	2029	2034	rVB3	3903	5896	0.10%	0.009%
49	15.127	2060	2064	2068	rBV2	8386	12279	0.22%	0.018%
50	15.362	2098	2104	2115	rVV	2760888	4001705	70.51%	5.940%
51	15.445	2115	2118	2121	rVV3	5289	7885	0.14%	0.012%
52	15.498	2121	2127	2141	rVV	726051	1045123	18.41%	1.551%
53	15.604	2141	2145	2151	rVB	31444	41602	0.73%	0.062%
54	15.951	2200	2204	2207	rVB4	21350	25359	0.45%	0.038%
55	16.156	2234	2239	2245	rVB4	15744	24576	0.43%	0.036%
56	16.351	2263	2272	2276	rBV8	16829	34798	0.61%	0.052%
57	16.521	2297	2301	2306	rVB4	35991	46169	0.81%	0.069%
58	16.698	2326	2331	2335	rBV4	17105	24521	0.43%	0.036%
59	16.862	2354	2359	2363	rBV4	6185	9807	0.17%	0.015%
60	16.921	2363	2369	2370	rVV2	7218	13358	0.24%	0.020%
61	16.939	2370	2372	2376	rVB4	8108	8783	0.15%	0.013%
62	17.121	2396	2403	2409	rBV	1382851	1956180	34.47%	2.904%
63	17.221	2412	2420	2431	rVV	2925377	4248095	74.85%	6.306%
64	17.315	2432	2436	2440	rVV3	34958	60828	1.07%	0.090%
65	17.356	2440	2443	2447	rVV4	33902	46525	0.82%	0.069%
66	17.398	2447	2450	2458	rVB5	11785	20573	0.36%	0.031%
67	17.503	2462	2468	2478	rVB4	24169	57530	1.01%	0.085%
68	17.603	2482	2485	2488	rBV4	7438	8409	0.15%	0.012%
69	17.715	2501	2504	2507	rBV4	10107	16554	0.29%	0.025%
70	17.756	2507	2511	2519	rVV	31541	48766	0.86%	0.072%
71	17.850	2522	2527	2531	rBV6	36379	54677	0.96%	0.081%

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72	17.886	2531	2533	2538	rVB6	4473	6683	0.12%	0.010%
73	18.009	2549	2554	2564	rBV	165414	253267	4.46%	0.376%
74	18.092	2564	2568	2582	rVV4	48402	106524	1.88%	0.158%
75	18.215	2585	2589	2594	rBV6	15104	22671	0.40%	0.034%
76	18.297	2600	2603	2606	rBV2	9827	11643	0.21%	0.017%
77	18.497	2626	2637	2644	rBV	2664799	3759050	66.23%	5.580%
78	18.574	2646	2650	2653	rVV4	36798	54511	0.96%	0.081%
79	18.621	2654	2658	2667	rVB2	111772	159982	2.82%	0.237%
80	18.792	2682	2687	2690	rBV6	56977	96435	1.70%	0.143%
81	18.833	2690	2694	2697	rVV	144004	209632	3.69%	0.311%
82	18.874	2698	2701	2708	rVV7	45558	75717	1.33%	0.112%
83	18.933	2708	2711	2714	rVV4	14146	18621	0.33%	0.028%
84	18.962	2714	2716	2722	rVB5	16813	26851	0.47%	0.040%
85	19.115	2739	2742	2745	rBV4	16576	23454	0.41%	0.035%
86	19.150	2745	2748	2751	rVV	38067	46734	0.82%	0.069%
87	19.292	2768	2772	2782	rBV2	95277	157253	2.77%	0.233%
88	19.374	2784	2786	2789	rVV3	25498	35643	0.63%	0.053%
89	19.403	2789	2791	2795	rVB	26222	29990	0.53%	0.045%
90	19.515	2804	2810	2820	rBV	3751882	5009107	88.26%	7.435%
91	20.050	2895	2901	2904	rBV4	36914	75444	1.33%	0.112%
92	21.015	3061	3065	3070	rBV4	98398	169122	2.98%	0.251%
93	21.309	3110	3115	3122	rBV	1671146	2167483	38.19%	3.217%
94	21.450	3136	3139	3143	rBV2	63596	68619	1.21%	0.102%
95	21.880	3210	3212	3218	rVB2	114955	117911	2.08%	0.175%
96	22.344	3288	3291	3296	rVB	193579	250659	4.42%	0.372%
97	22.856	3374	3378	3383	rVB2	244626	349319	6.15%	0.519%
98	23.421	3467	3474	3485	rBV	3106847	5675549	100.00%	8.424%
99	23.568	3493	3499	3509	rVB2	1191786	2272129	40.03%	3.373%
100	24.068	3581	3584	3592	rVB3	221351	386015	6.80%	0.573%

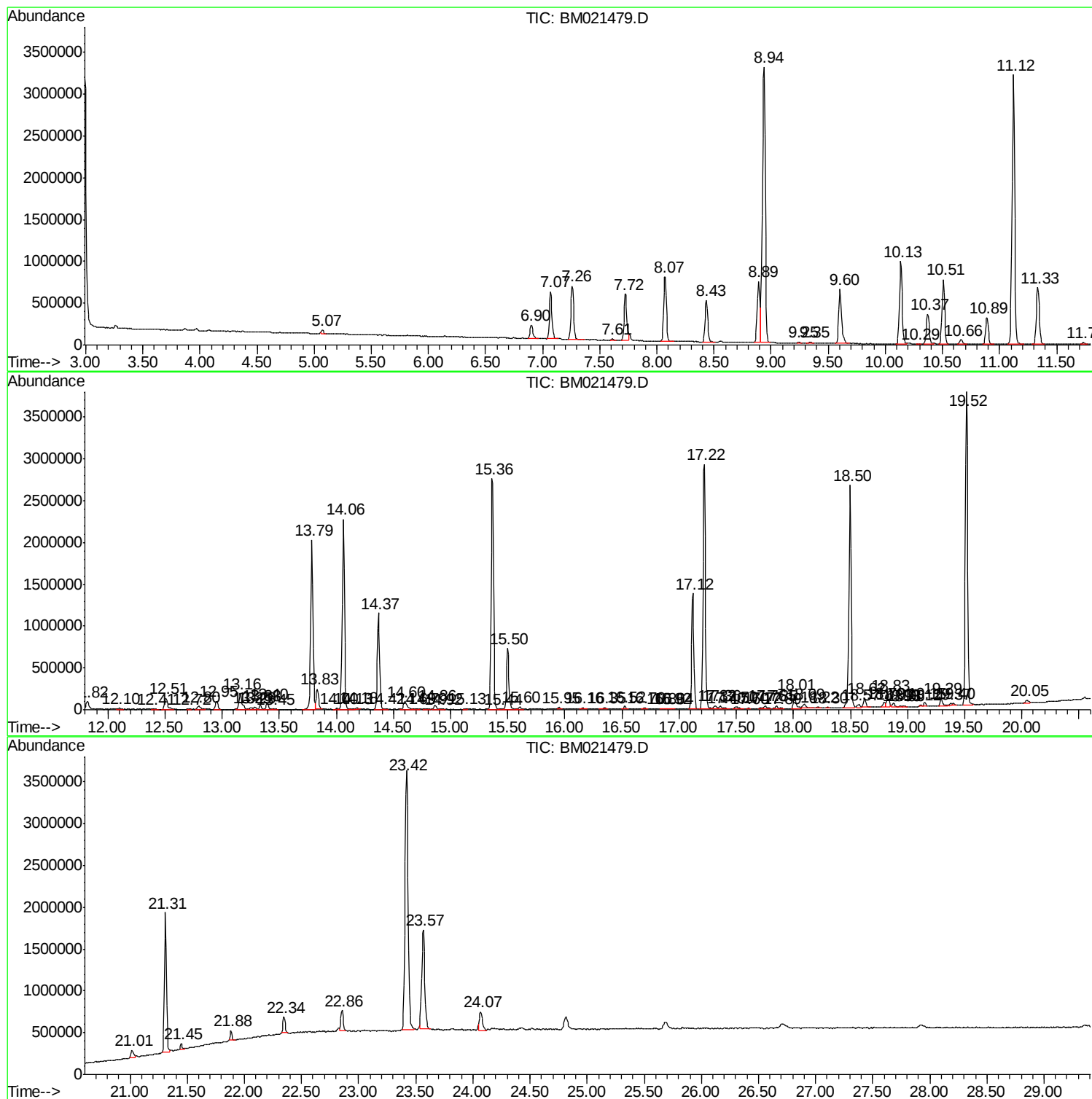
Sum of corrected areas: 67370192

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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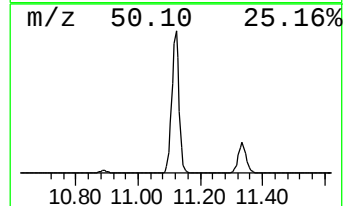
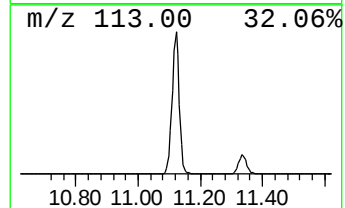
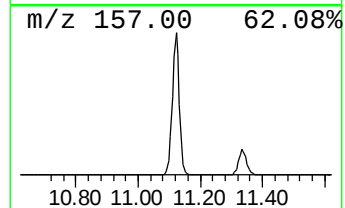
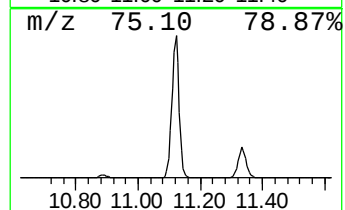
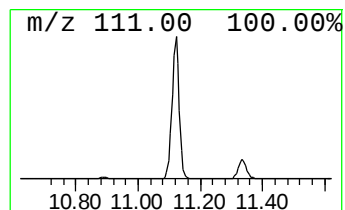
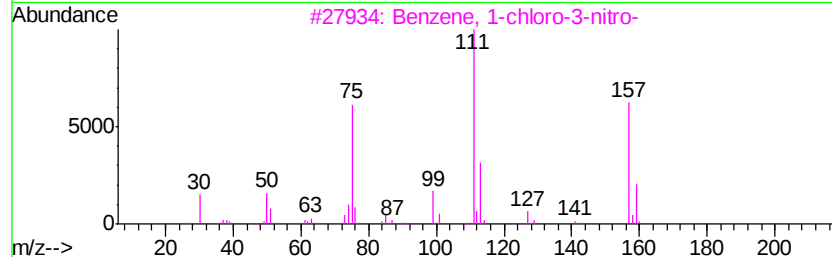
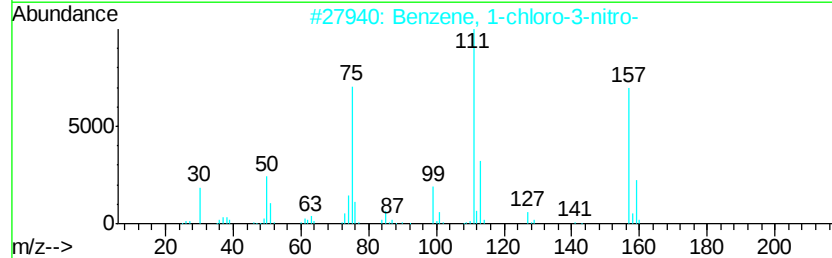
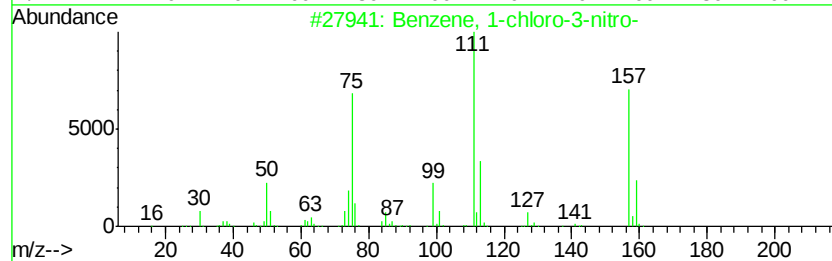
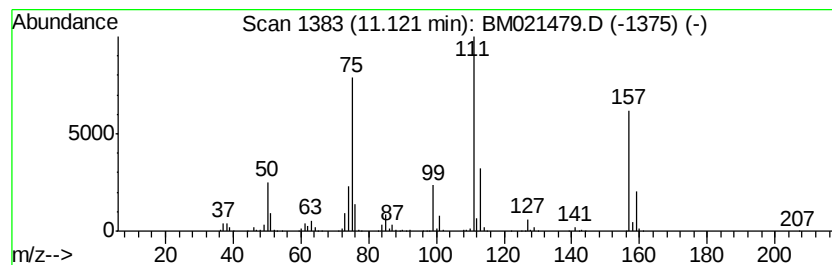
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-chloro-3-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	82.17 ng/ul	5189660	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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-2-nitro-	157	C6H4ClNO2	000088-73-3	93



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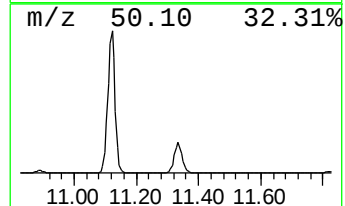
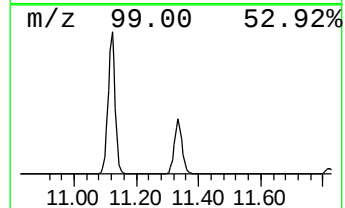
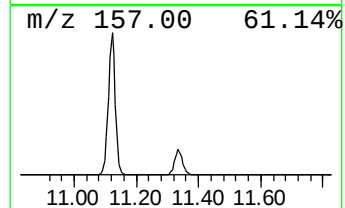
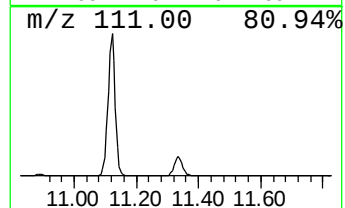
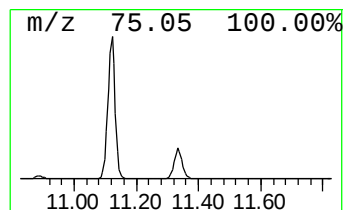
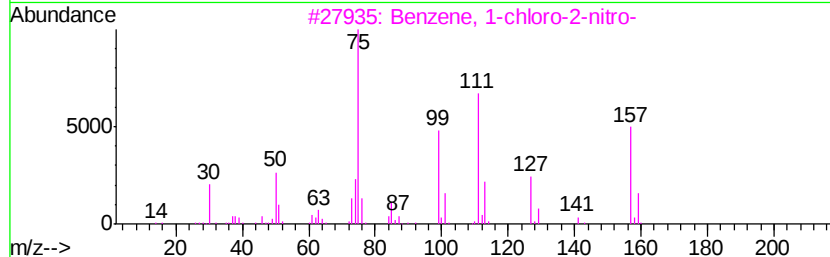
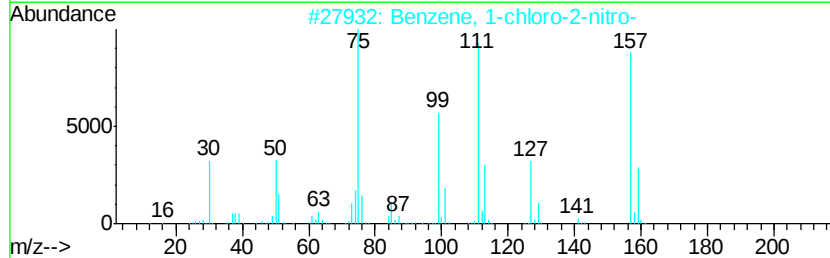
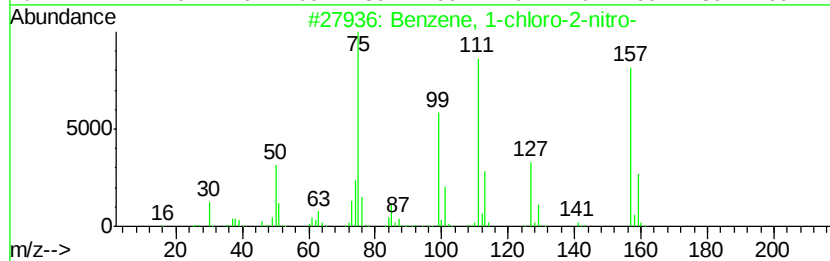
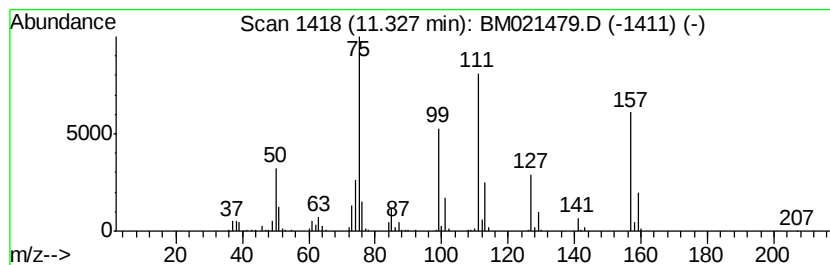
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-chloro-2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	19.53 ng/ul	1233320	Naphthalene-d8	10.51

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



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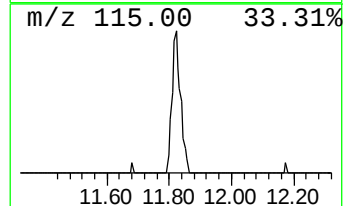
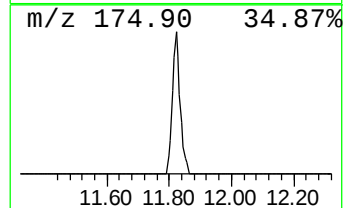
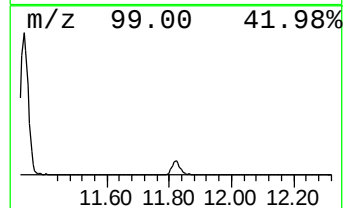
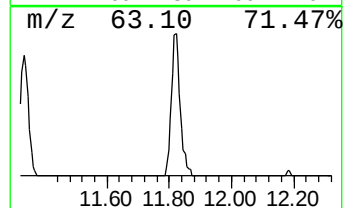
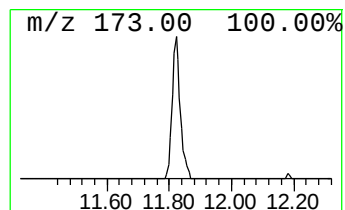
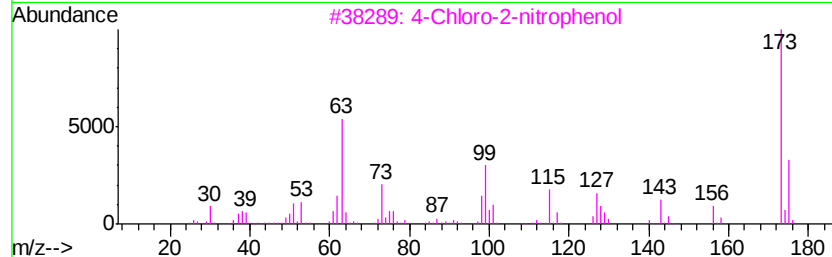
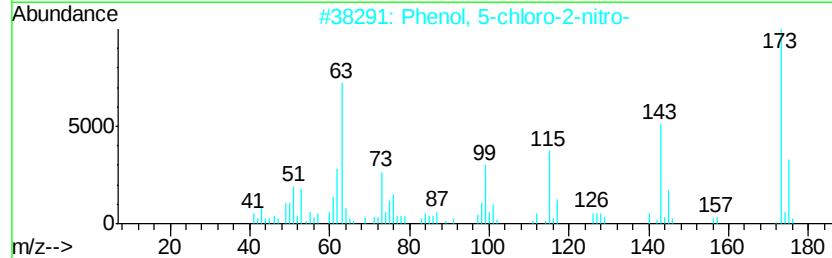
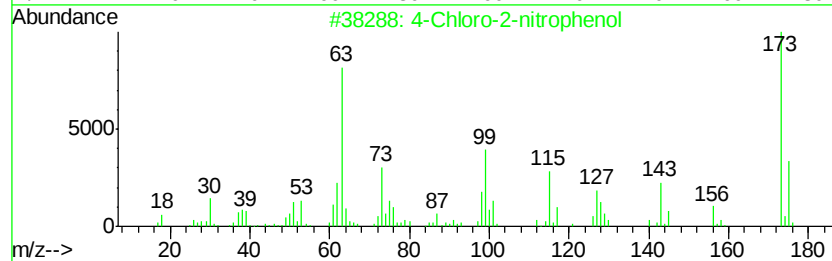
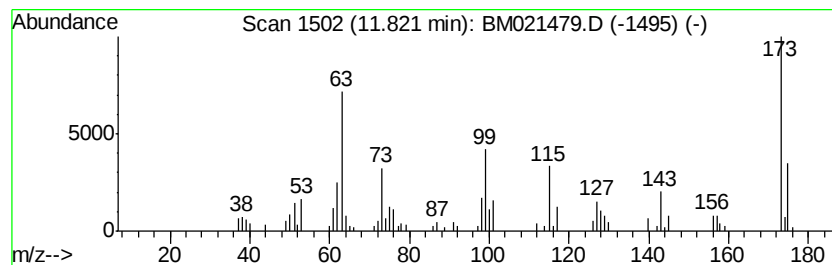
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 4-Chloro-2-nitrophenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.74 ng/ul	172821	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	98
2		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	91
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	87
4		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	87
5		Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	78



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Data File : BM021479.D
Acq On : 16 Jul 2019 22:16
Operator : HP/JU
Sample : K3787-01
Misc :
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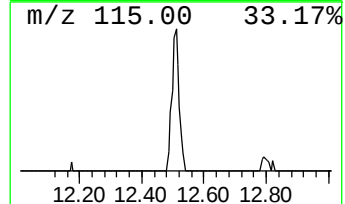
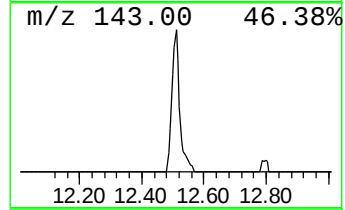
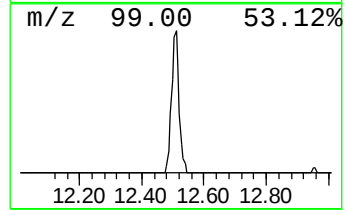
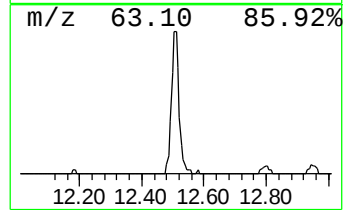
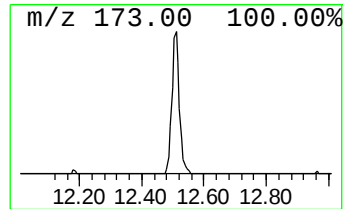
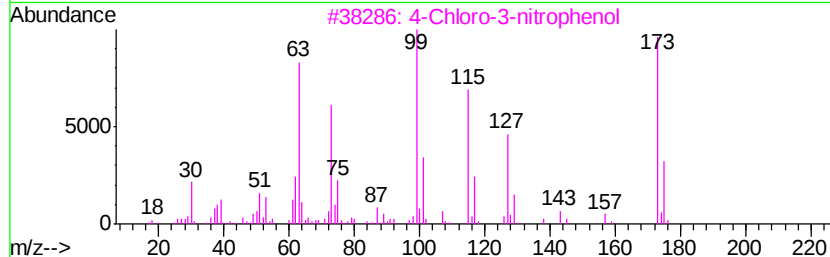
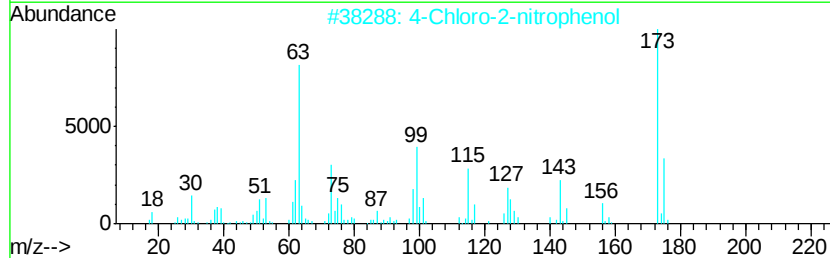
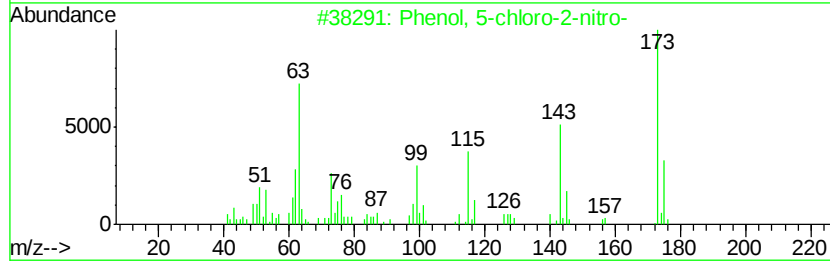
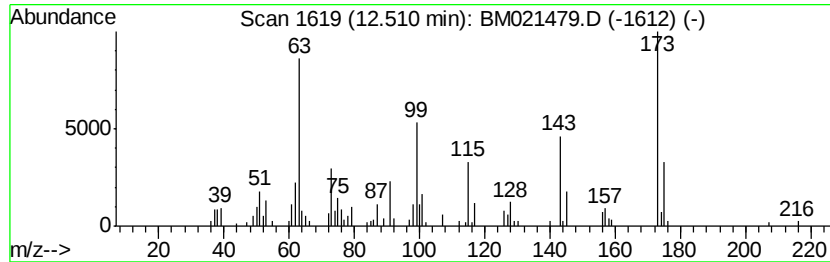
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenol, 5-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.81 ng/ul	237140	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	94
2		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	93
3		4-Chloro-3-nitrophenol	173	C6H4ClNO3	000610-78-6	91
4		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	90
5		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	87



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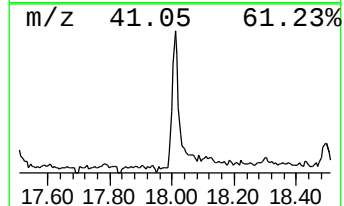
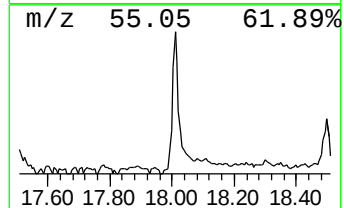
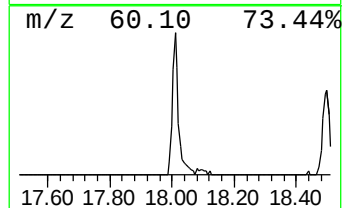
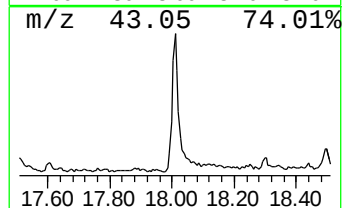
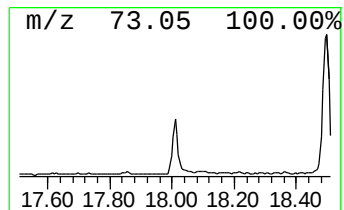
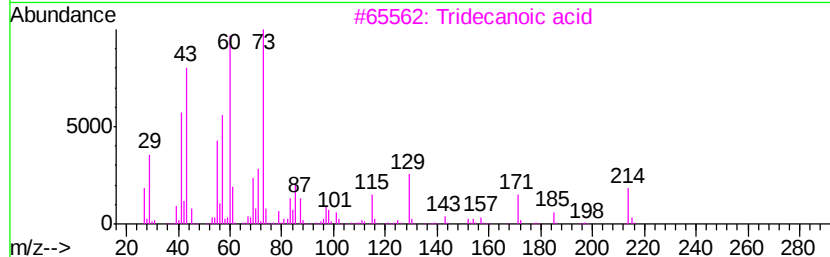
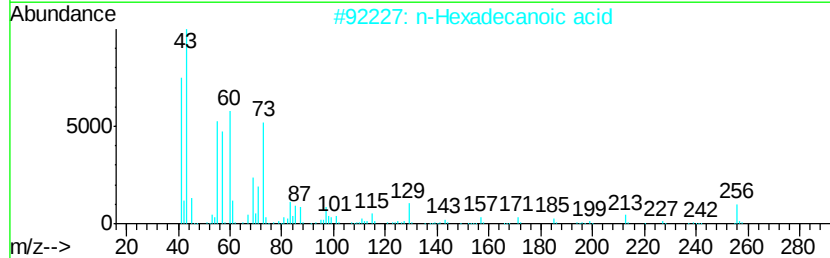
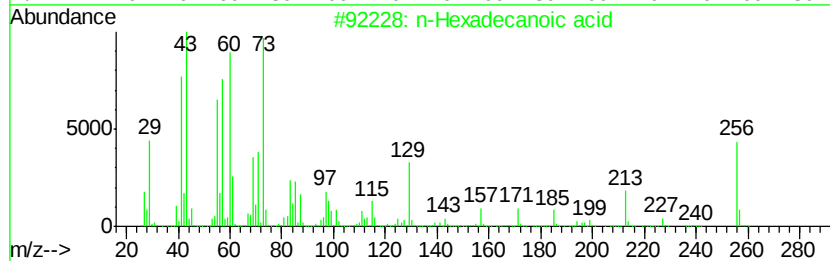
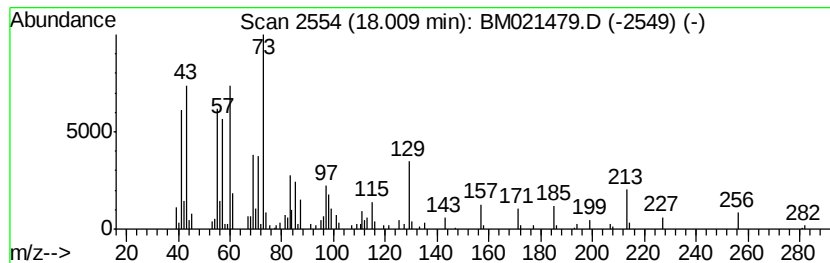
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.59 ng/ul	253267	Phenanthrene-d10	17.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3			Tridecanoic acid	214	C13H26O2	000638-53-9	86
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021479.D
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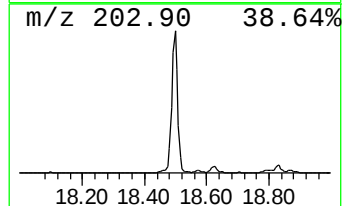
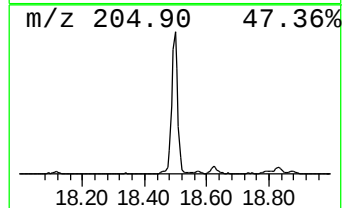
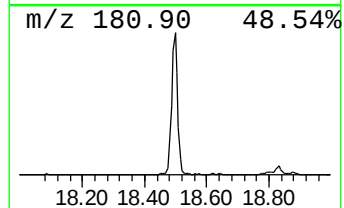
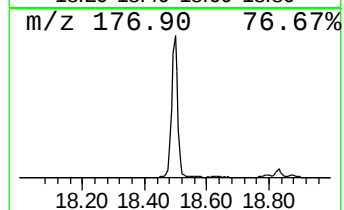
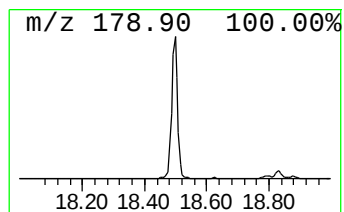
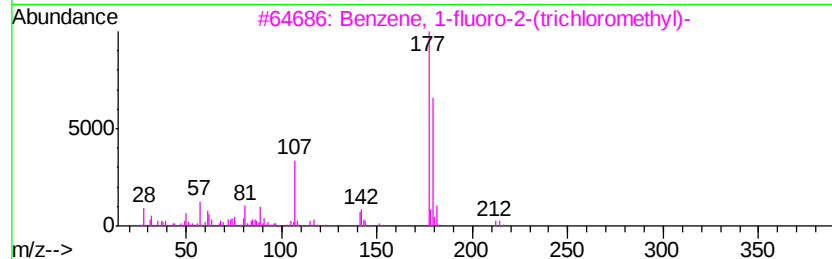
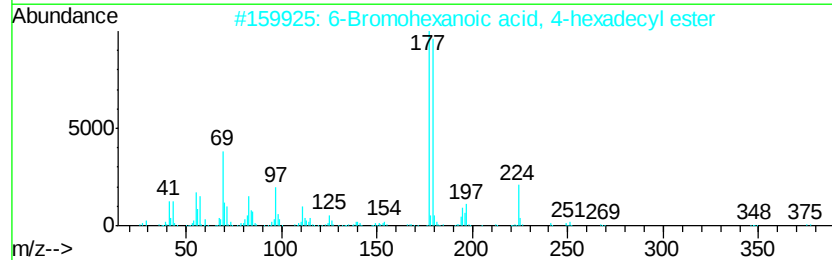
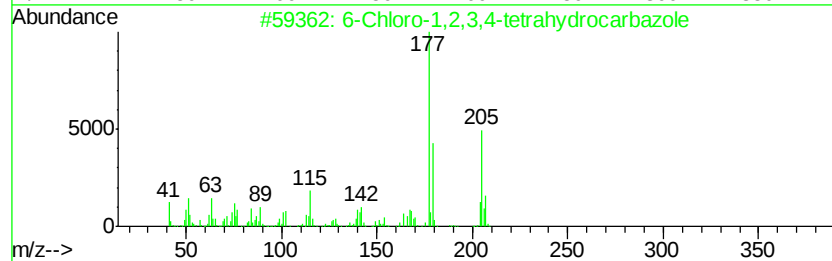
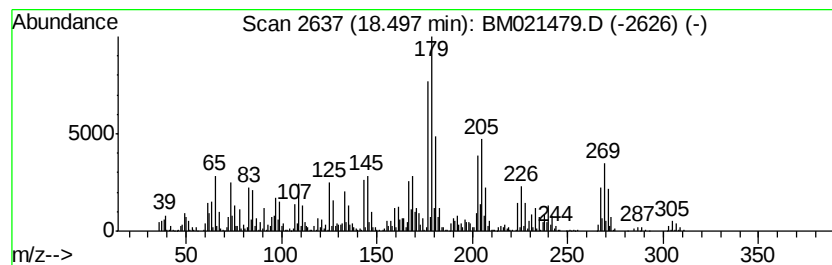
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	38.43 ng/ul	3759050	Phenanthrene-d10	17.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30		
2	6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	27		
3	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	27		
4	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25		
5	5-Chloro-4-methyl-8-quinolinecar...	205	C11H8ClNO	028662-47-7	22		



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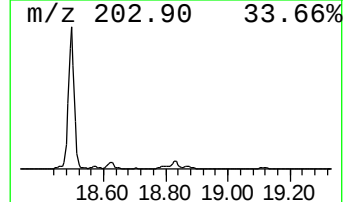
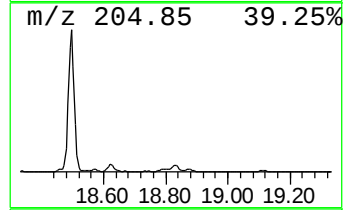
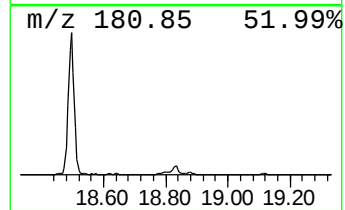
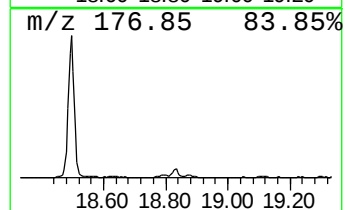
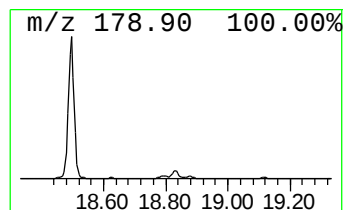
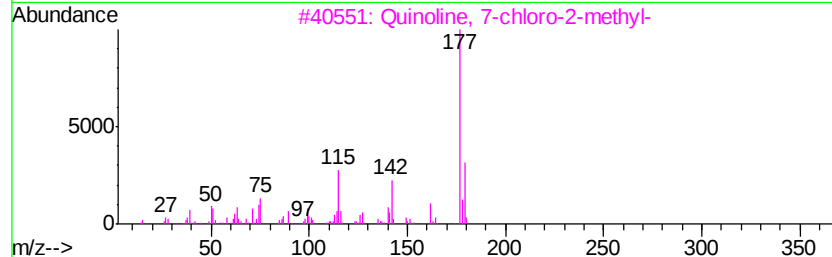
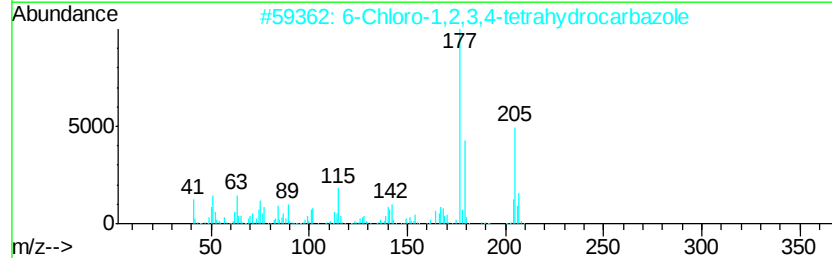
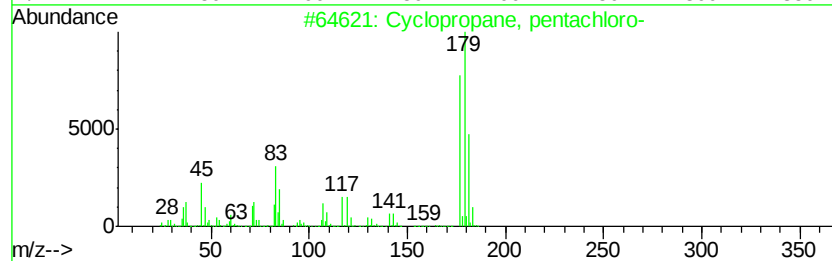
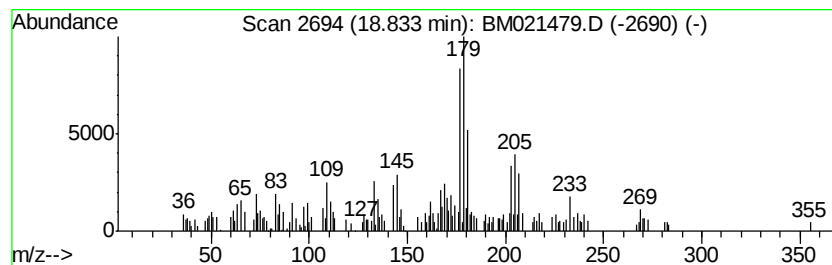
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.14 ng/ul	209632	Phenanthrene-d10	17.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	38
2			6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
3			Quinoline, 7-chloro-2-methyl-	177	C10H8ClN	004965-33-7	14
4			2-Amino-7-chloroquinoxaline	179	C8H6ClN3	002427-70-5	14
5			1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	11



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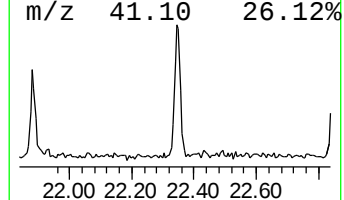
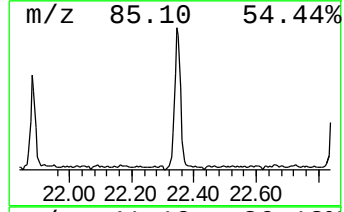
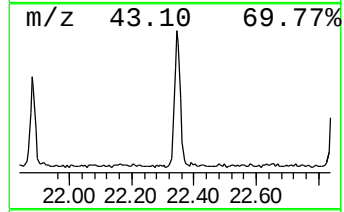
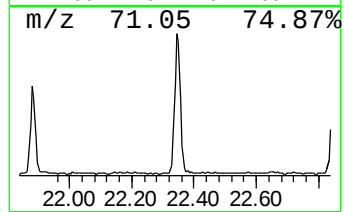
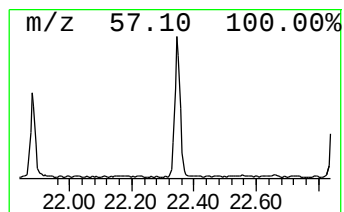
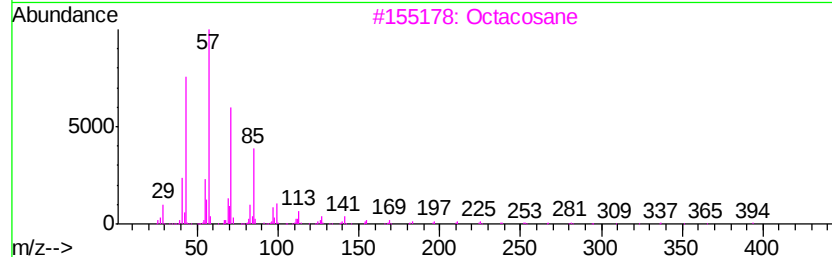
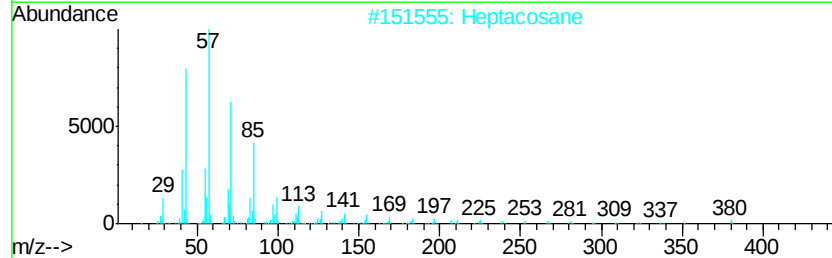
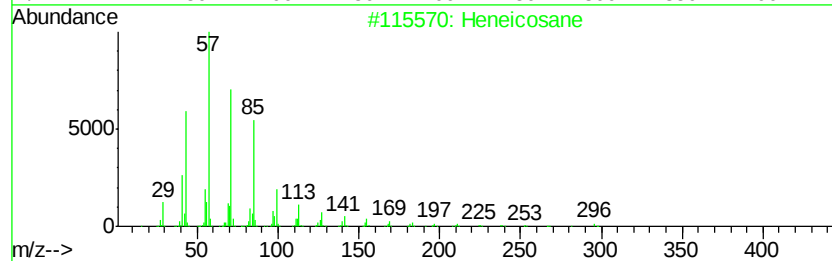
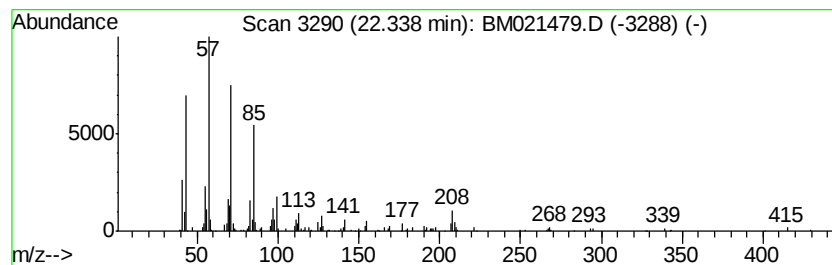
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.31 ng/ul	250659	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87



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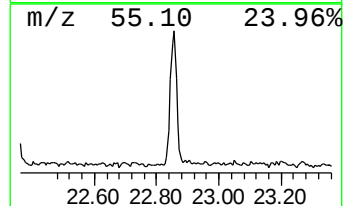
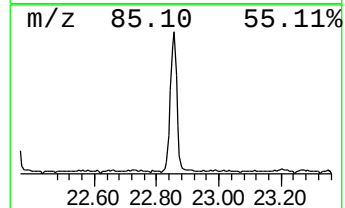
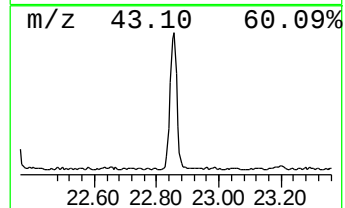
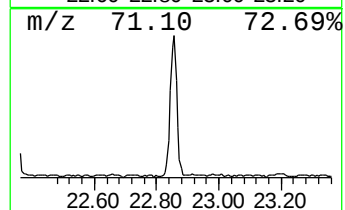
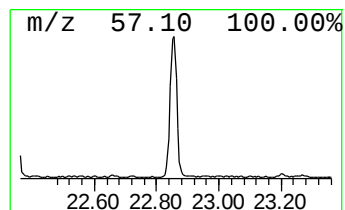
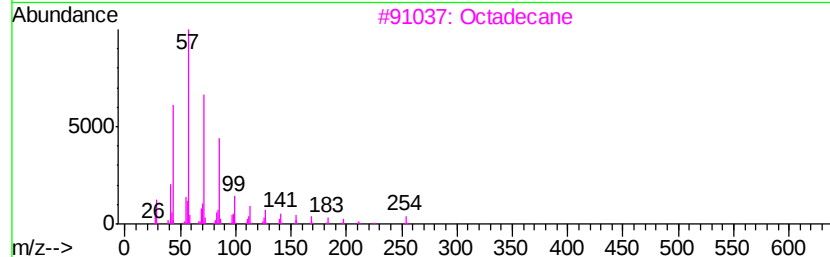
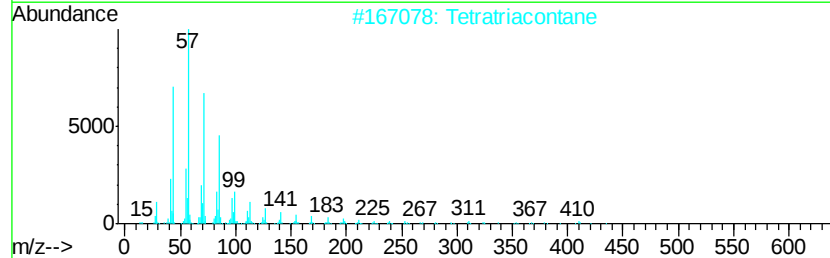
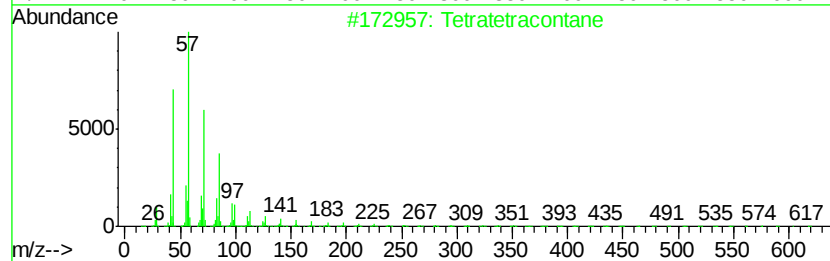
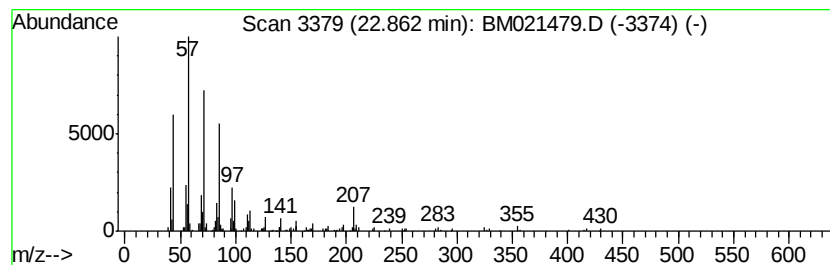
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	3.07 ng/ul	349319	Perylene-d12	23.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Tetratriacontane	479	C34H70	014167-59-0	90
3			Octadecane	254	C18H38	000593-45-3	87
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5			Heneicosane	296	C21H44	000629-94-7	87



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ClientSampleId :
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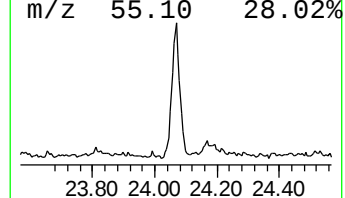
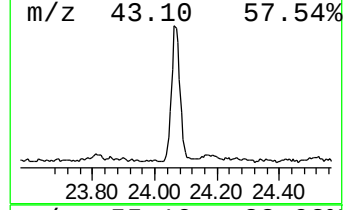
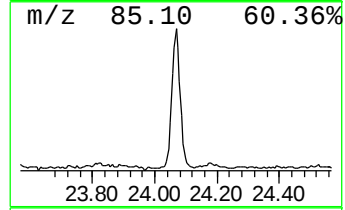
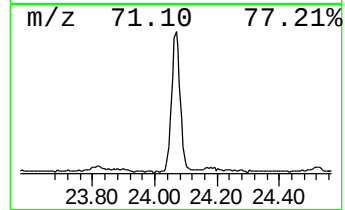
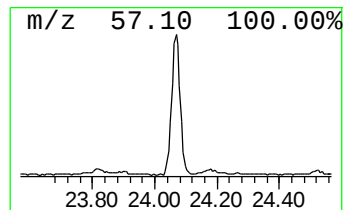
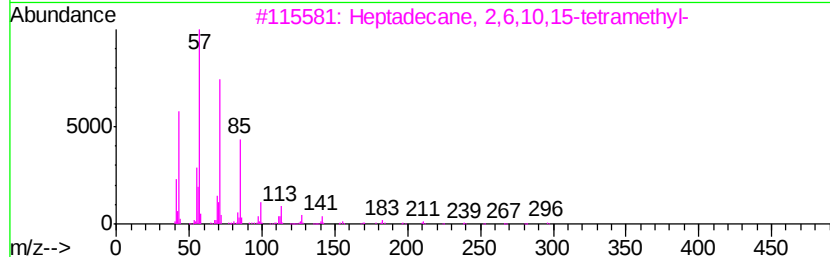
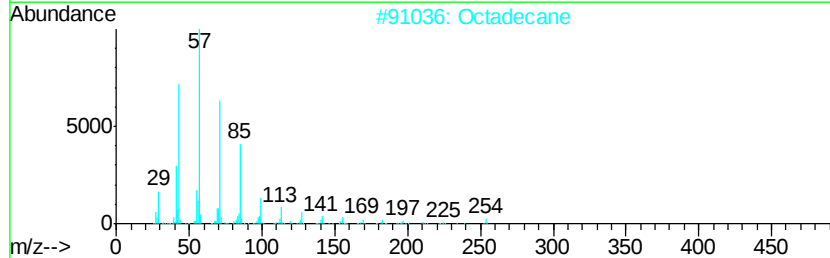
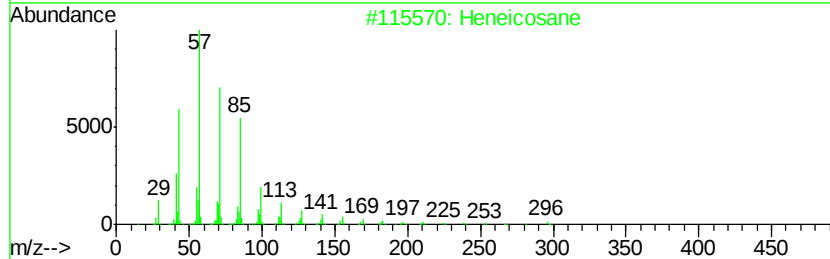
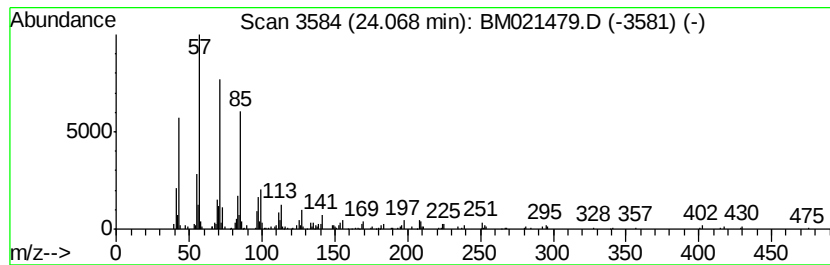
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	3.40 ng/ul	386015	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Octadecane	254	C18H38	000593-45-3	93
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071619\
Data File : BM021479.D
Acq On : 16 Jul 2019 22:16
Operator : HP/JU
Sample : K3787-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	11.12	82.2	ng/ul	5189660	2	10.51	1263170	20.0
Benzene, 1-chloro...	11.33	19.5	ng/ul	1233320	2	10.51	1263170	20.0
4-Chloro-2-nitrop...	11.82	2.7	ng/ul	172821	2	10.51	1263170	20.0
Phenol, 5-chloro-...	12.51	2.8	ng/ul	237140	3	14.37	1689210	20.0
n-Hexadecanoic acid	18.01	2.6	ng/ul	253267	4	17.12	1956180	20.0
unknown-01	18.50	38.4	ng/ul	3759050	4	17.12	1956180	20.0
unknown-02	18.83	2.1	ng/ul	209632	4	17.12	1956180	20.0
(DEL) Alkane: Str...	22.34	2.3	ng/ul	250659	5	21.31	2167480	20.0
(DEL) Alkane: Str...	22.86	3.1	ng/ul	349319	6	23.57	2272130	20.0
(DEL) Alkane: Str...	24.07	3.4	ng/ul	386015	6	23.57	2272130	20.0