

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
 Data File : BP004646.D
 Acq On : 27 Jan 2021 12:12
 Operator : CG/JU
 Sample : M1173-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0FY1

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_P\METHODS\SOM-EPA-BP012721MA.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	3.269	11	14	21	rVB	8369	10697	0.54%	0.050%
2	3.999	133	138	139	rBV6	2336	3077	0.16%	0.014%
3	4.440	208	213	216	rBV7	1292	2324	0.12%	0.011%
4	5.116	319	328	336	rBV	159536	234420	11.82%	1.089%
5	6.099	492	495	500	rVB7	1403	2627	0.13%	0.012%
6	6.840	617	621	625	rBV6	1328	2780	0.14%	0.013%
7	6.946	632	639	652	rVB3	57521	136568	6.88%	0.634%
8	7.122	663	669	681	rBV	132113	207447	10.46%	0.964%
9	7.322	695	703	713	rBV	172284	288260	14.53%	1.339%
10	7.505	731	734	739	rVB7	2614	4103	0.21%	0.019%
11	7.675	758	763	772	rVB	39456	64053	3.23%	0.298%
12	7.787	774	782	785	rVV	153803	254596	12.83%	1.183%
13	7.822	785	788	799	rVB	288159	435259	21.94%	2.022%
14	8.140	834	842	850	rBV	1029842	1601715	80.74%	7.441%
15	8.493	895	902	911	rVB	130544	211211	10.65%	0.981%
16	8.946	971	979	982	rBV	191017	328256	16.55%	1.525%
17	8.987	982	986	994	rVV	516392	826972	41.68%	3.842%
18	9.052	994	997	1003	rVV8	2164	3998	0.20%	0.019%
19	9.281	1031	1036	1039	rBV5	2638	4028	0.20%	0.019%
20	9.381	1047	1053	1062	rVB	23397	40011	2.02%	0.186%
21	9.593	1084	1089	1094	rBV7	3545	5719	0.29%	0.027%
22	9.663	1094	1101	1111	rBV	182084	306336	15.44%	1.423%
23	10.199	1184	1192	1200	rBV	269319	445126	22.44%	2.068%
24	10.263	1200	1203	1208	rVV6	3928	6228	0.31%	0.029%
25	10.357	1214	1219	1224	rVV8	3073	6240	0.31%	0.029%
26	10.446	1227	1234	1244	rVB	500937	807897	40.72%	3.753%
27	10.528	1244	1248	1252	rBV	14228	23891	1.20%	0.111%
28	10.581	1252	1257	1265	rVB	187859	304360	15.34%	1.414%
29	10.716	1274	1280	1291	rVB3	13090	26145	1.32%	0.121%
30	10.963	1314	1322	1331	rBV	283541	480050	24.20%	2.230%
31	11.181	1347	1359	1367	rBV	389573	628498	31.68%	2.920%
32	11.246	1367	1370	1372	rVV3	2494	3219	0.16%	0.015%
33	11.393	1387	1395	1403	rBV	99231	169335	8.54%	0.787%
34	11.881	1470	1478	1485	rBV2	31305	55363	2.79%	0.257%

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Integration Parameters: LSCINT.P

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35	12.175	1520	1528	1532	rVV7	5197	8632	0.44%	0.040%
36	12.557	1585	1593	1599	rBV3	31441	54074	2.73%	0.251%
37	12.616	1599	1603	1612	rVB4	24263	38018	1.92%	0.177%
38	12.798	1627	1634	1637	rBV6	4437	7082	0.36%	0.033%
39	12.851	1637	1643	1649	rVV5	9260	18233	0.92%	0.085%
40	12.904	1649	1652	1657	rVV7	1577	2588	0.13%	0.012%
41	13.004	1663	1669	1674	rBV3	17349	26913	1.36%	0.125%
42	13.051	1674	1677	1684	rVB7	4732	7243	0.37%	0.034%
43	13.228	1700	1707	1717	rVB	163974	268450	13.53%	1.247%
44	13.334	1717	1725	1729	rVV9	12834	26114	1.32%	0.121%
45	13.387	1729	1734	1738	rVV7	9913	16826	0.85%	0.078%
46	13.440	1738	1743	1752	rVV2	28639	44270	2.23%	0.206%
47	13.845	1801	1812	1817	rBV	681041	1009527	50.89%	4.690%
48	13.892	1817	1820	1825	rVB	68079	89651	4.52%	0.416%
49	13.975	1830	1834	1836	rVB5	2419	2685	0.14%	0.012%
50	14.075	1845	1851	1853	rBV6	6416	12113	0.61%	0.056%
51	14.128	1853	1860	1868	rVV	609880	887059	44.71%	4.121%
52	14.204	1868	1873	1880	rVB7	11858	20500	1.03%	0.095%
53	14.434	1905	1912	1922	rVV	341221	502578	25.33%	2.335%
54	14.581	1933	1937	1938	rBV4	3977	4591	0.23%	0.021%
55	14.622	1938	1944	1954	rVB2	77193	121354	6.12%	0.564%
56	14.710	1954	1959	1962	rBV4	6167	9827	0.50%	0.046%
57	14.751	1962	1966	1970	rVB6	6568	10596	0.53%	0.049%
58	14.863	1978	1985	1987	rBV7	1681	2771	0.14%	0.013%
59	14.916	1989	1994	2000	rVV4	17807	26334	1.33%	0.122%
60	15.057	2016	2018	2025	rVB5	3335	5742	0.29%	0.027%
61	15.186	2036	2040	2044	rVB	7945	10648	0.54%	0.049%
62	15.257	2047	2052	2058	rBV6	3910	6835	0.34%	0.032%
63	15.434	2075	2082	2094	rVB	867042	1274597	64.25%	5.921%
64	15.539	2094	2100	2108	rBV	351134	474868	23.94%	2.206%
65	15.669	2118	2122	2127	rBV3	9853	13739	0.69%	0.064%
66	15.763	2134	2138	2139	rBV3	2022	2736	0.14%	0.013%
67	15.804	2141	2145	2151	rVB7	4586	8718	0.44%	0.041%
68	15.916	2158	2164	2169	rBV10	3724	7838	0.40%	0.036%
69	16.010	2175	2180	2183	rBV6	6242	9569	0.48%	0.044%
70	16.081	2188	2192	2195	rVV6	1958	3410	0.17%	0.016%
71	16.128	2195	2200	2204	rVV7	5023	9027	0.46%	0.042%

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72	16.210	2211	2214	2222	rVB5	13820	23068	1.16%	0.107%
73	16.322	2222	2233	2234	rBV10	4621	9991	0.50%	0.046%
74	16.398	2241	2246	2251	rBV8	7903	12964	0.65%	0.060%
75	16.586	2274	2278	2283	rVB7	8312	12978	0.65%	0.060%
76	16.633	2283	2286	2288	rBV4	2362	2512	0.13%	0.012%
77	16.969	2340	2343	2344	rBV3	2988	2820	0.14%	0.013%
78	17.186	2374	2380	2387	rBV	447306	635408	32.03%	2.952%
79	17.286	2390	2397	2405	rBV2	1095921	1572817	79.28%	7.307%
80	17.380	2409	2413	2416	rBV6	7175	10207	0.51%	0.047%
81	17.433	2417	2422	2429	rVB7	14005	26799	1.35%	0.124%
82	17.769	2476	2479	2483	rBV4	4566	7491	0.38%	0.035%
83	17.810	2483	2486	2490	rVB5	7863	11147	0.56%	0.052%
84	17.892	2496	2500	2507	rVB9	9884	18919	0.95%	0.088%
85	18.086	2528	2533	2538	rBV3	39265	54841	2.76%	0.255%
86	18.151	2540	2544	2550	rVB8	17196	30799	1.55%	0.143%
87	18.257	2560	2562	2569	rVB7	6971	9634	0.49%	0.045%
88	18.375	2580	2582	2586	rBV5	3094	2667	0.13%	0.012%
89	18.539	2601	2610	2619	rBV	469860	598927	30.19%	2.782%
90	18.616	2620	2623	2626	rBV5	9465	11142	0.56%	0.052%
91	18.663	2627	2631	2636	rVB8	17448	23707	1.19%	0.110%
92	18.827	2655	2659	2661	rBV3	22989	32594	1.64%	0.151%
93	18.857	2661	2664	2669	rVB5	32541	42581	2.15%	0.198%
94	18.980	2682	2685	2690	rBV7	8671	13255	0.67%	0.062%
95	19.322	2740	2743	2748	rBV6	21421	28328	1.43%	0.132%
96	19.527	2772	2778	2786	rBV	1537730	1983912	100.00%	9.216%
97	20.992	3025	3027	3033	rBV6	29910	34891	1.76%	0.162%
98	21.269	3070	3074	3079	rBV	642021	773222	38.97%	3.592%
99	23.439	3436	3443	3451	rVB	994386	1835348	92.51%	8.526%
100	23.586	3463	3468	3479	rVB2	373825	726374	36.61%	3.374%

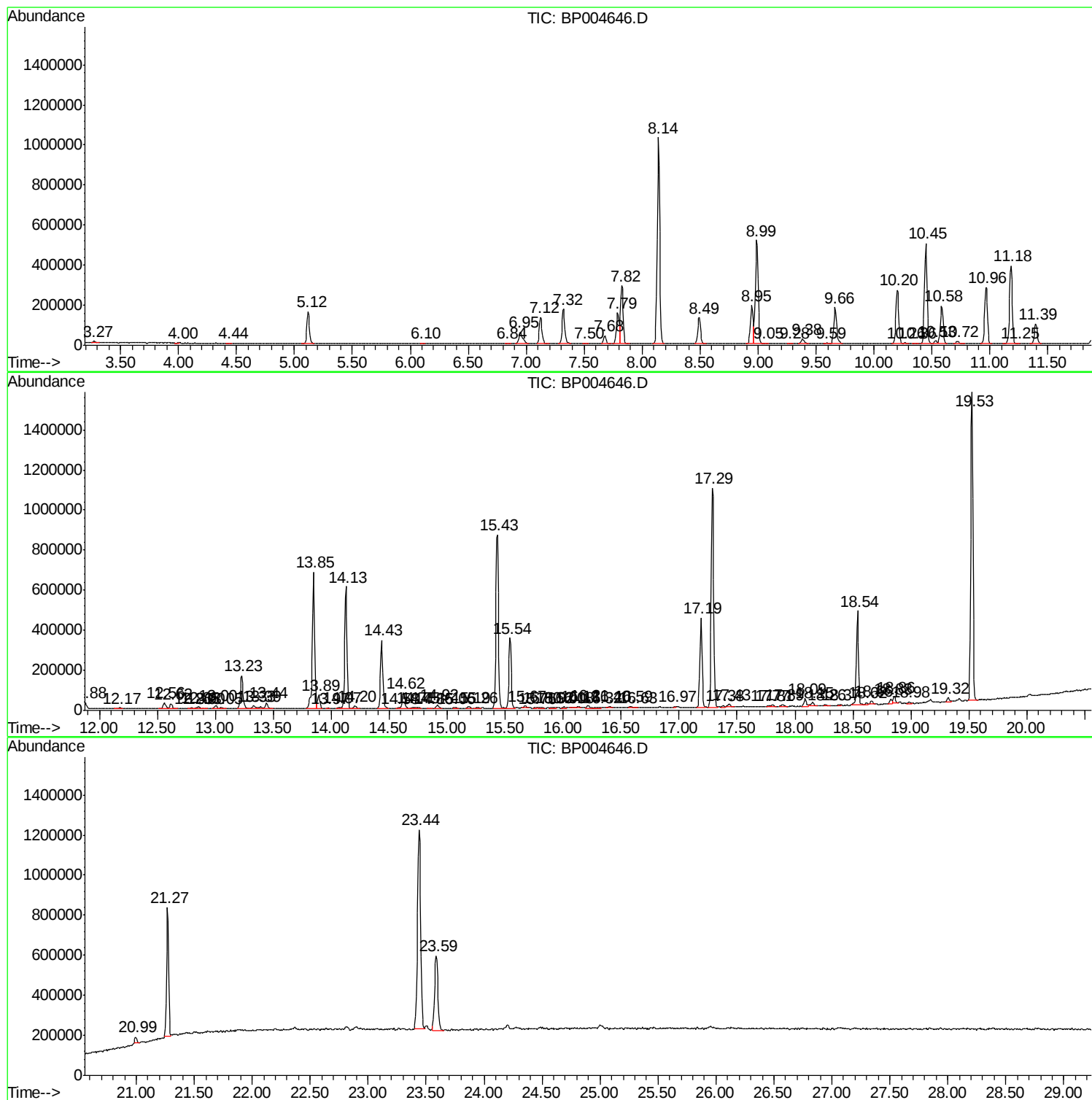
Sum of corrected areas: 21525908

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION

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



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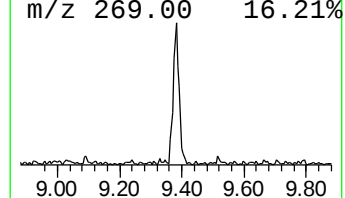
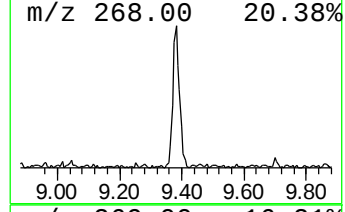
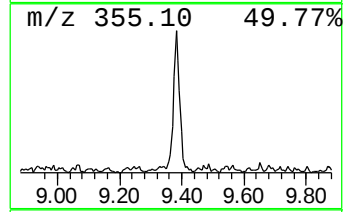
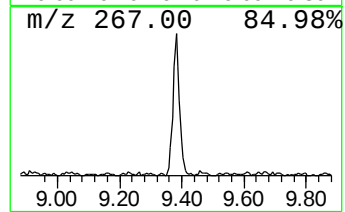
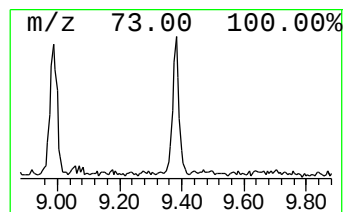
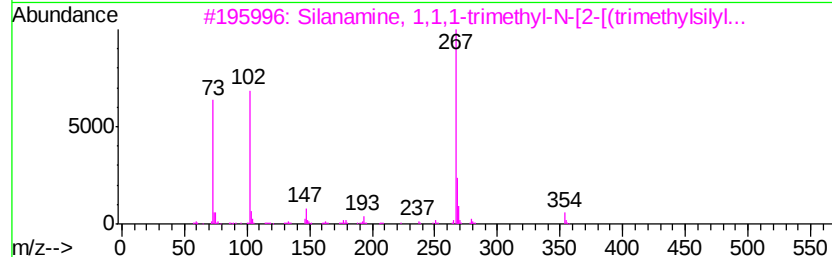
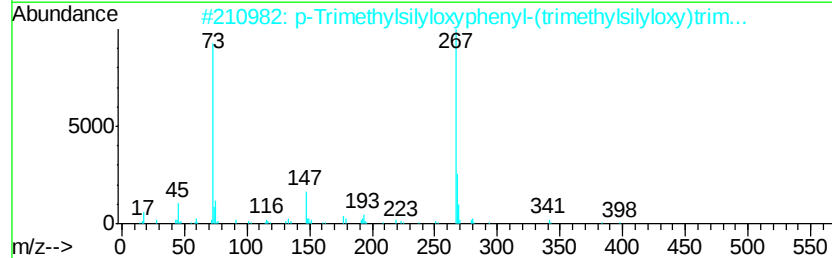
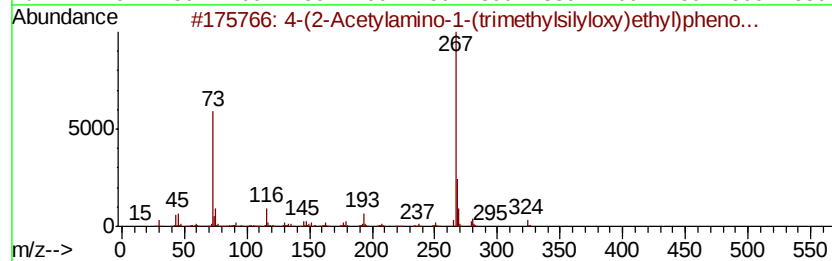
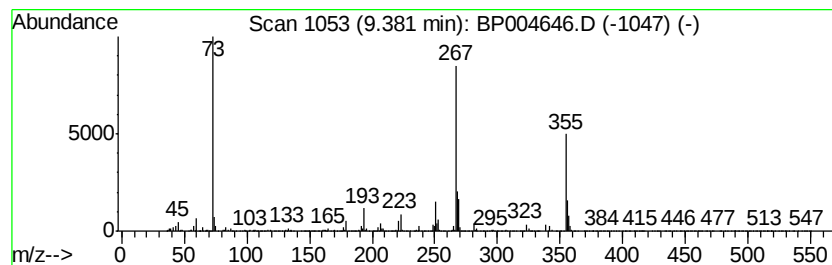
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	2.63 ng/ul	40011	Naphthalene-d8	10.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(2-Acetylamino-1-(trimethylsilyl...)	339	C16H29N03Si2	1000373-43-5	47
2		p-Trimethylsilyloxyphenyl-(trime...	398	C18H34O4Si3	1000079-05-1	47
3		Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35N02Si3	068595-60-8	47
4		Trimethylsilyl catechollactate t...	486	C21H42O5Si4	068595-72-2	47
5		2-(Trimethylsilyl)amino-4-methyl...	267	C13H25N0Si2	1000373-28-1	46



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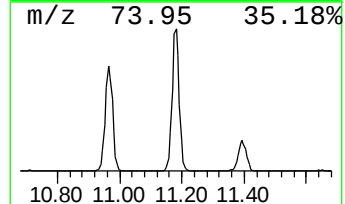
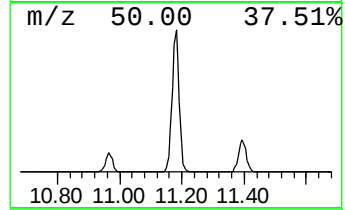
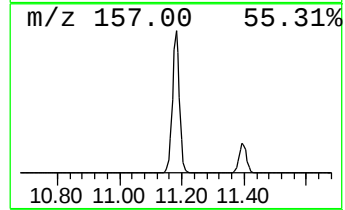
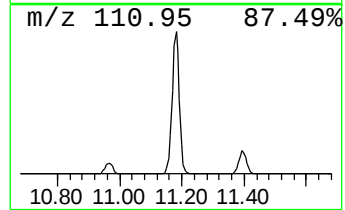
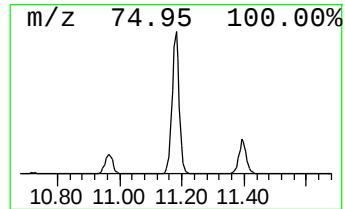
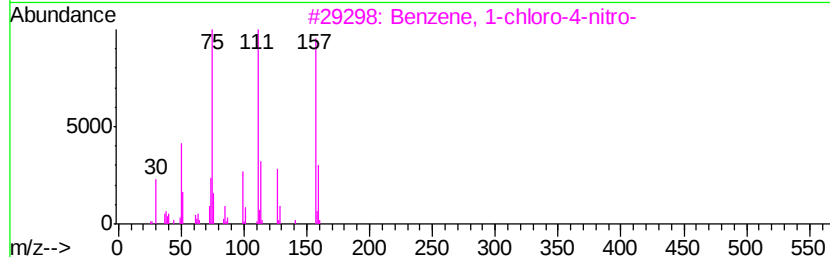
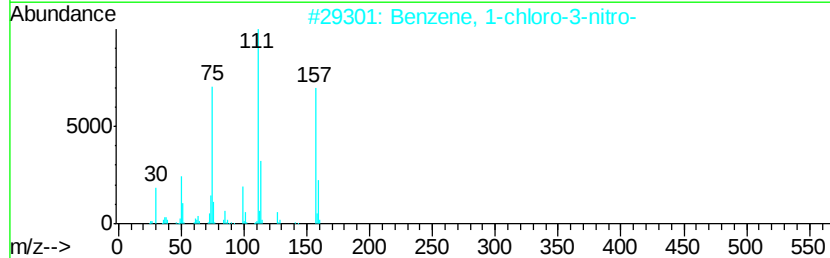
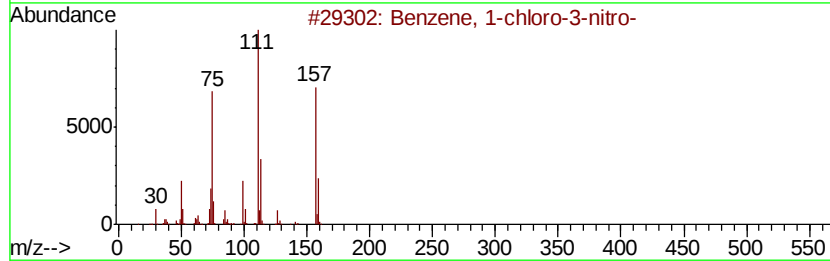
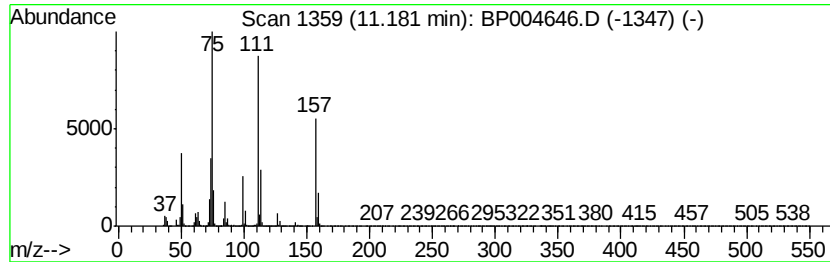
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	41.30 ng/ul	628498	Napthalene-d8	10.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
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	87



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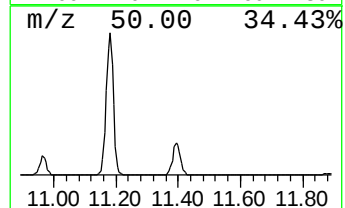
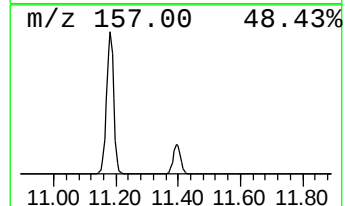
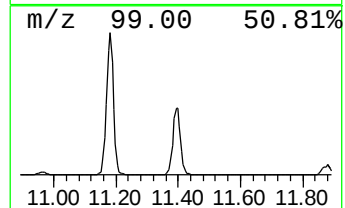
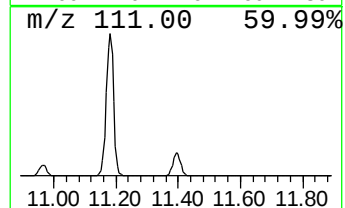
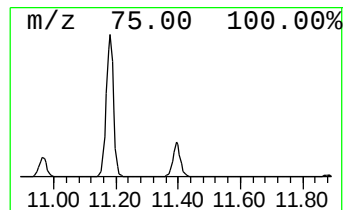
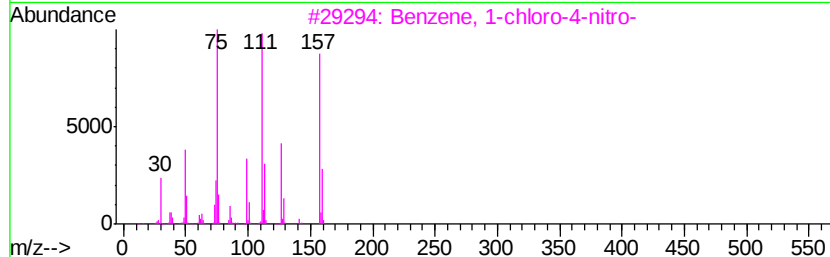
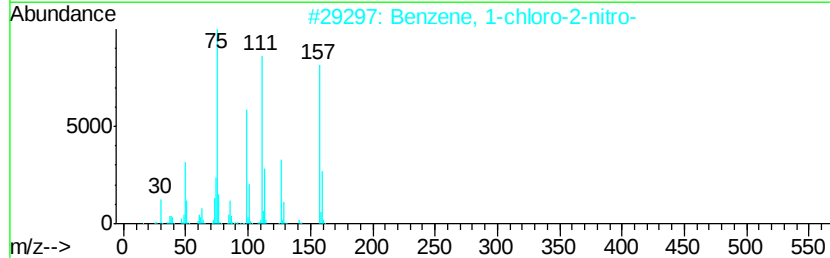
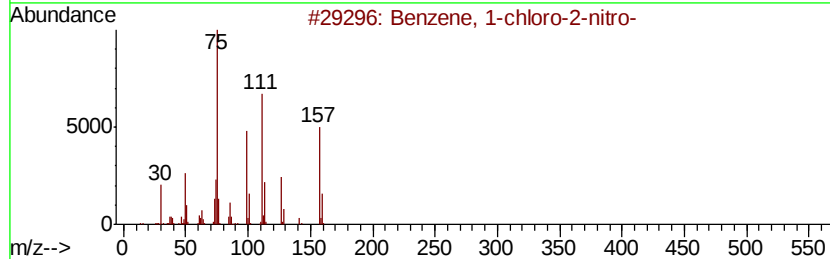
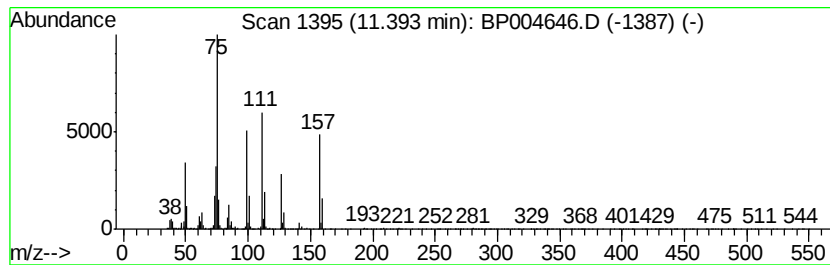
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	11.13 ng/ul	169335	Naphthalene-d8	10.58

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	96
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
Data File : BP004646.D
Acq On : 27 Jan 2021 12:12
Operator : CG/JU
Sample : M1173-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

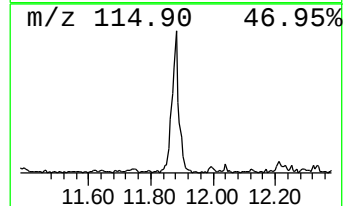
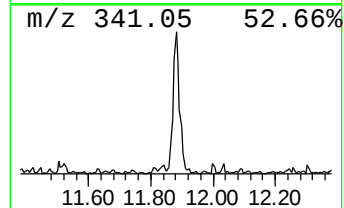
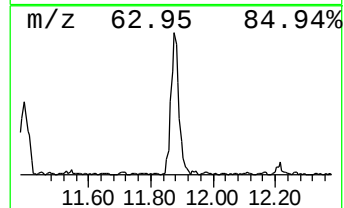
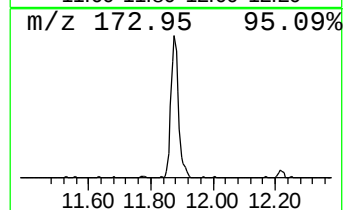
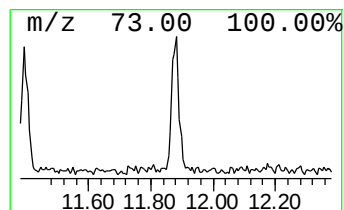
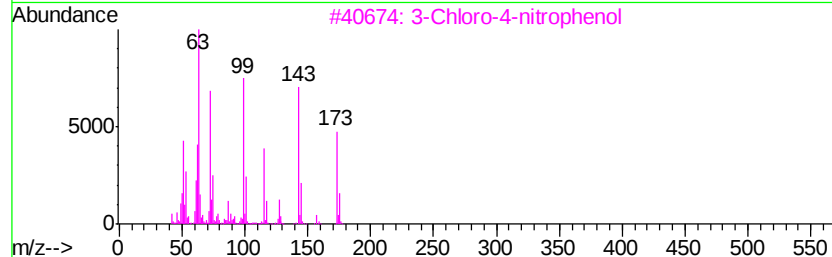
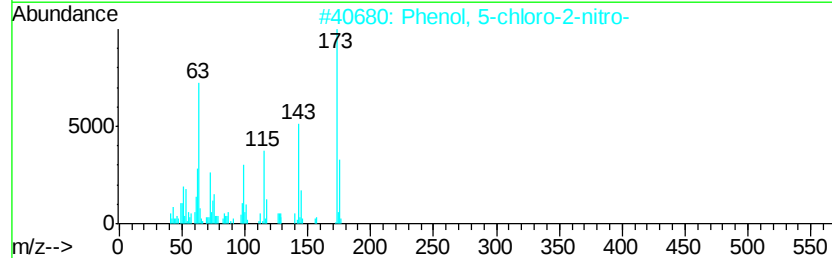
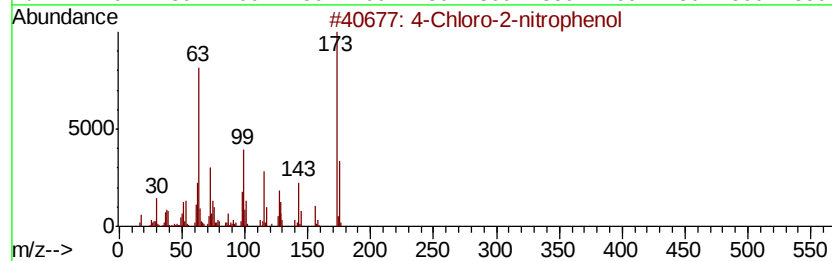
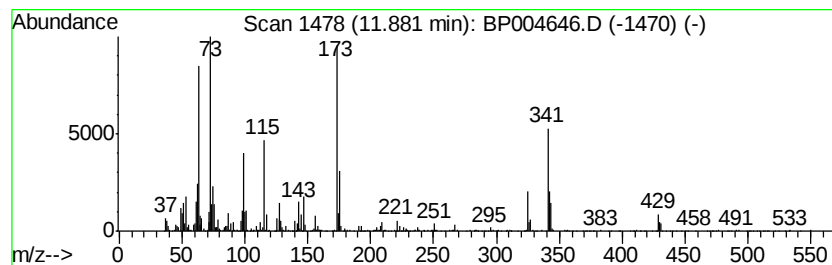
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 4-Chloro-2-nitrophenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.88	3.64 ng/ul	55363	Naphthalene-d8	10.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	91
2		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	70
3		3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	45
4		Copper, bis(4-bromo-3,5-cyclohex...	463	C12H6Br2CuN2O4	031971-31-0	40
5		1H-Benzotriazole, 5-nitro-	164	C6H4N4O2	002338-12-7	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
Data File : BP004646.D
Acq On : 27 Jan 2021 12:12
Operator : CG/JU
Sample : M1173-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0FY1

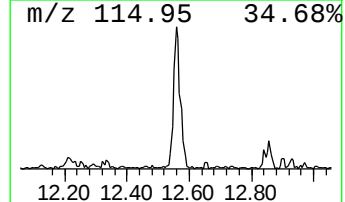
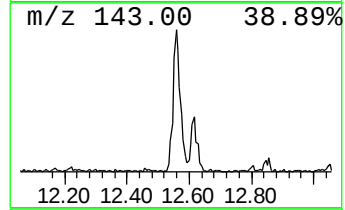
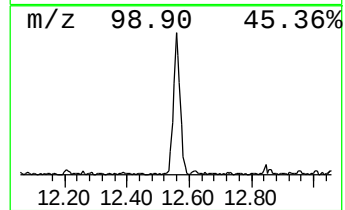
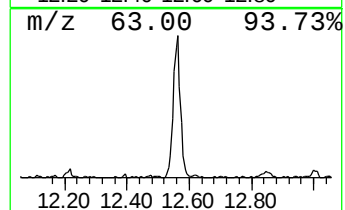
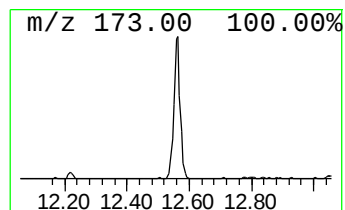
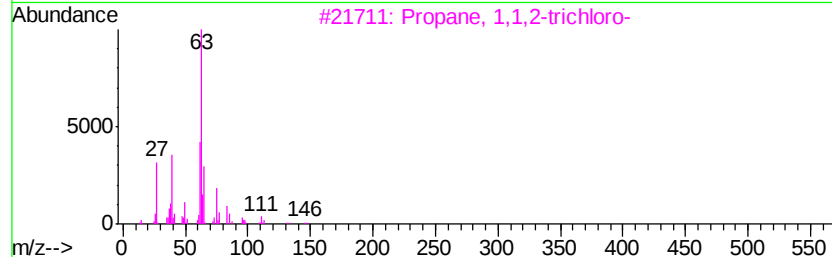
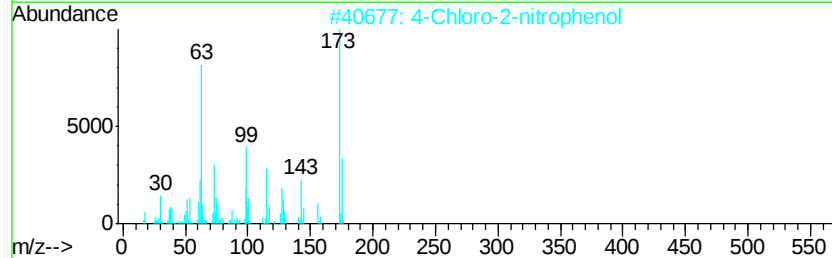
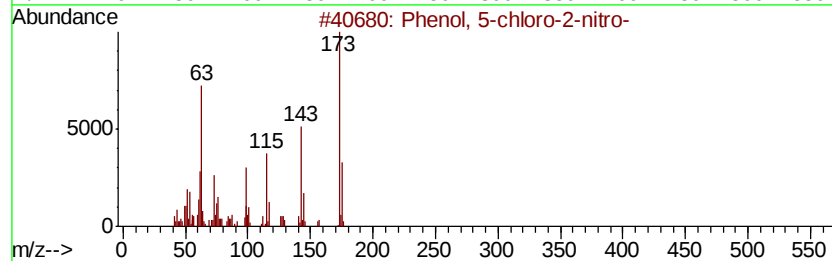
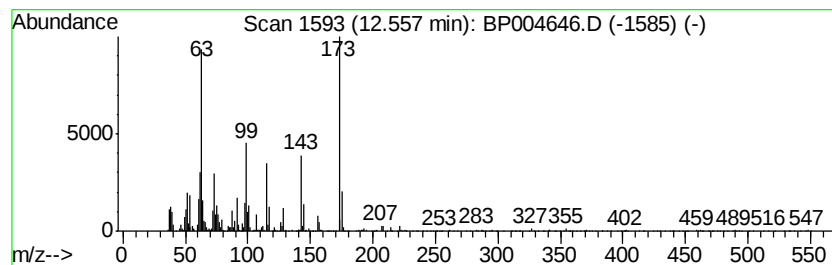
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenol, 5-chloro-2-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.15 ng/ul	54074	Acenaphthene-d10	14.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	87
2			4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	83
3			Propane, 1,1,2-trichloro-	146	C3H5Cl3	000598-77-6	47
4			1H-Benzotriazole, 5-nitro-	164	C6H4N4O2	002338-12-7	40
5			Clomesone	236	C4H9ClO5S2	088343-72-0	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
Data File : BP004646.D
Acq On : 27 Jan 2021 12:12
Operator : CG/JU
Sample : M1173-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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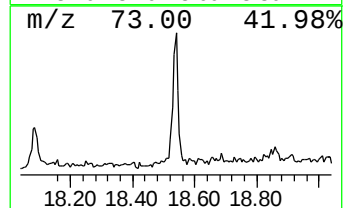
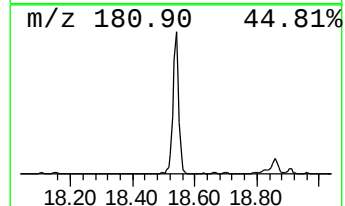
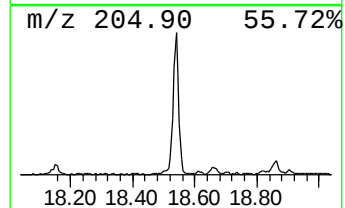
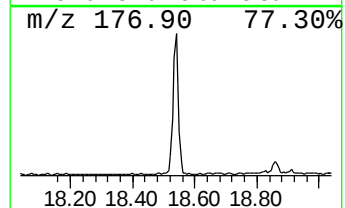
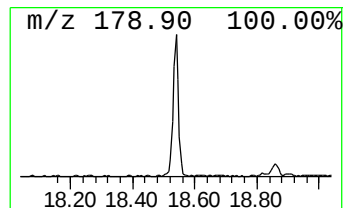
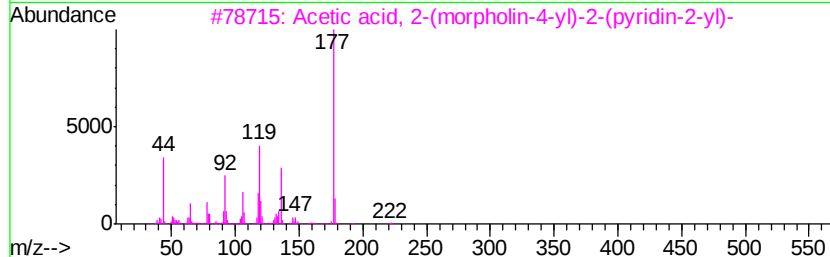
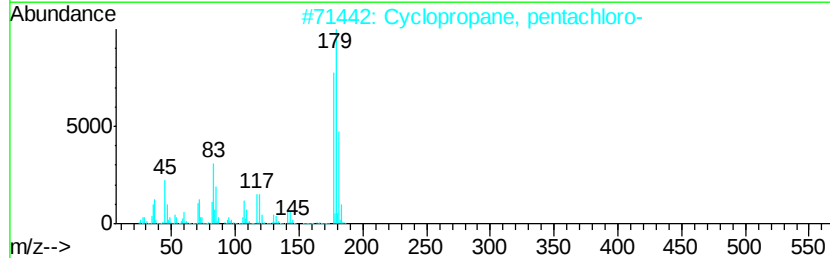
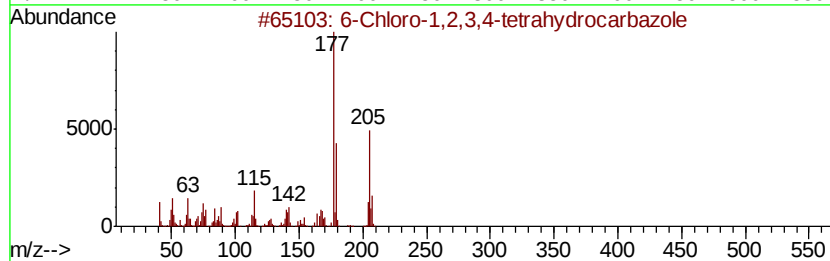
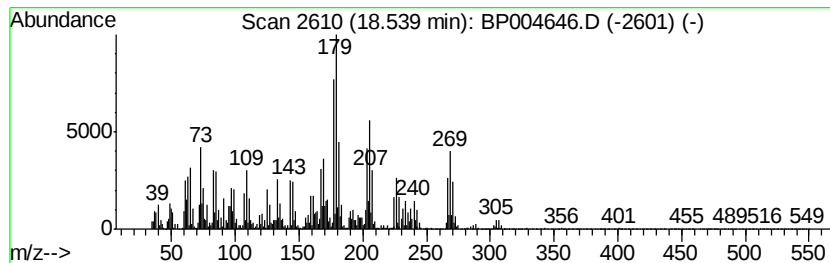
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	18.85 ng/ul	598927	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2		Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	35
3		Acetic acid, 2-(morpholin-4-yl)-...	222	C11H14N2O3	1000277-26-2	11
4		1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	11
5		2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP012721\
Data File : BP004646.D
Acq On : 27 Jan 2021 12:12
Operator : CG/JU
Sample : M1173-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0FY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.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
unknown-01	9.38	2.6	ng/ul	40011	2	10.58	304360	20.0
Benzene, 1-chloro...	11.18	41.3	ng/ul	628498	2	10.58	304360	20.0
Benzene, 1-chloro...	11.39	11.1	ng/ul	169335	2	10.58	304360	20.0
4-Chloro-2-nitrop...	11.88	3.6	ng/ul	55363	2	10.58	304360	20.0
Phenol, 5-chloro-...	12.56	2.1	ng/ul	54074	3	14.43	502578	20.0
unknown-02	18.54	18.9	ng/ul	598927	4	17.19	635408	20.0