

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024057.D
 Acq On : 12 Dec 2019 14:10
 Operator : JU
 Sample : K6088-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP4

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-BM112719MA.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	3.028	22	24	29	rBV	34730	44145	0.65%	0.048%
2	3.534	106	110	116	rVB2	36394	50831	0.75%	0.055%
3	3.646	125	129	136	rVB3	40193	72532	1.07%	0.079%
4	3.728	140	143	149	rVB	25580	34010	0.50%	0.037%
5	4.640	294	298	303	rBV	37689	58624	0.86%	0.064%
6	5.281	402	407	432	rBV	494447	1116482	16.47%	1.212%
7	6.663	636	642	663	rVV2	760077	1537538	22.68%	1.669%
8	6.822	663	669	687	rVV	628501	1053483	15.54%	1.144%
9	7.010	694	701	715	rBV	832512	1345785	19.85%	1.461%
10	7.116	715	719	728	rVB8	12458	27238	0.40%	0.030%
11	7.469	772	779	792	rBV	1525892	2475413	36.51%	2.688%
12	7.751	820	827	832	rBV7	16238	38510	0.57%	0.042%
13	8.192	894	902	917	rBV	865462	1494704	22.05%	1.623%
14	8.304	917	921	931	rVB	50958	94142	1.39%	0.102%
15	8.628	969	976	992	rBV	701845	1273479	18.78%	1.383%
16	9.069	1044	1051	1056	rVB	36047	54455	0.80%	0.059%
17	9.339	1090	1097	1107	rBV	564185	1000201	14.75%	1.086%
18	9.663	1146	1152	1159	rBV	169697	278634	4.11%	0.303%
19	9.881	1182	1189	1211	rBV	882424	1647819	24.30%	1.789%
20	10.239	1241	1250	1258	rBV	2191795	3593875	53.01%	3.902%
21	10.398	1269	1277	1295	rBV	492527	1071988	15.81%	1.164%
22	11.857	1520	1525	1532	rVB4	14624	28403	0.42%	0.031%
23	12.974	1710	1715	1720	rBV6	18020	29981	0.44%	0.033%
24	13.463	1791	1798	1803	rBV7	15497	34132	0.50%	0.037%
25	13.557	1808	1814	1818	rVV	1886417	2641644	38.96%	2.868%
26	13.604	1818	1822	1831	rVV	661614	993428	14.65%	1.079%
27	13.821	1852	1859	1880	rVV	2122621	3282321	48.41%	3.564%
28	14.133	1903	1912	1919	rVV	3181777	4729334	69.75%	5.135%
29	14.198	1920	1923	1927	rVV3	25367	39310	0.58%	0.043%
30	14.374	1946	1953	1972	rBV	275371	701582	10.35%	0.762%
31	14.545	1977	1982	1984	rBV2	28114	41494	0.61%	0.045%
32	14.580	1984	1988	1993	rVB2	104220	152148	2.24%	0.165%
33	14.763	2013	2019	2023	rVV7	12738	28931	0.43%	0.031%
34	14.963	2050	2053	2055	rVV2	21741	25434	0.38%	0.028%

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35	15.021	2059	2063	2068	rVB4	21653	30607	0.45%	0.033%
36	15.133	2075	2082	2088	rVV	2789756	3955494	58.34%	4.295%
37	15.186	2088	2091	2101	rVB3	65480	123492	1.82%	0.134%
38	15.280	2101	2107	2118	rBV	600698	930460	13.72%	1.010%
39	15.374	2118	2123	2128	rVB3	30223	47031	0.69%	0.051%
40	15.492	2138	2143	2146	rBV2	24582	37073	0.55%	0.040%
41	15.633	2162	2167	2173	rVV4	21338	42365	0.62%	0.046%
42	15.715	2177	2181	2188	rVB9	13808	27130	0.40%	0.029%
43	15.880	2205	2209	2213	rVV4	38002	58610	0.86%	0.064%
44	16.198	2261	2263	2269	rVV6	17678	30727	0.45%	0.033%
45	16.551	2317	2323	2331	rBV2	35030	62651	0.92%	0.068%
46	16.627	2331	2336	2340	rBV4	20625	35849	0.53%	0.039%
47	16.674	2340	2344	2347	rBV2	37114	49945	0.74%	0.054%
48	16.709	2347	2350	2359	rVB	48526	82508	1.22%	0.090%
49	16.886	2374	2380	2384	rBV	3633962	5092656	75.11%	5.530%
50	16.927	2384	2387	2392	rVB	1087770	1389439	20.49%	1.509%
51	16.986	2392	2397	2402	rBV	2780338	3994837	58.92%	4.338%
52	17.086	2412	2414	2421	rVB7	19561	38082	0.56%	0.041%
53	17.198	2430	2433	2440	rVB6	15649	25910	0.38%	0.028%
54	17.298	2443	2450	2461	rBV2	56906	139437	2.06%	0.151%
55	17.409	2466	2469	2474	rVV3	44601	60260	0.89%	0.065%
56	17.762	2523	2529	2533	rBV	112608	170249	2.51%	0.185%
57	17.809	2533	2537	2544	rVV2	471432	696772	10.28%	0.757%
58	17.874	2545	2548	2556	rVV2	63223	150407	2.22%	0.163%
59	17.956	2556	2562	2566	rVV2	244124	393768	5.81%	0.428%
60	17.998	2566	2569	2577	rVB	81124	114411	1.69%	0.124%
61	18.109	2584	2588	2594	rVB5	31210	60150	0.89%	0.065%
62	18.274	2611	2616	2620	rVV	94439	144069	2.12%	0.156%
63	18.315	2620	2623	2629	rVB	47981	74188	1.09%	0.081%
64	18.527	2655	2659	2662	rVB4	21418	29403	0.43%	0.032%
65	18.574	2662	2667	2670	rBV3	29050	45040	0.66%	0.049%
66	18.609	2670	2673	2679	rVB5	24021	38255	0.56%	0.042%
67	18.692	2683	2687	2691	rBV2	51409	76249	1.12%	0.083%
68	18.751	2693	2697	2701	rVV4	52650	69792	1.03%	0.076%
69	18.839	2707	2712	2721	rBV2	67370	142654	2.10%	0.155%
70	18.956	2723	2732	2742	rVV	2590893	3616251	53.34%	3.927%
71	19.027	2742	2744	2747	rVV3	26587	30554	0.45%	0.033%

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72	19.103	2753	2757	2763	rBV3	149977	221875	3.27%	0.241%
73	19.198	2767	2773	2777	rVB2	64890	141079	2.08%	0.153%
74	19.292	2783	2789	2792	rBV	3682303	5548996	81.84%	6.025%
75	19.321	2792	2794	2804	rVV	2133210	2349933	34.66%	2.552%
76	19.398	2804	2807	2813	rVB2	64212	98950	1.46%	0.107%
77	19.509	2822	2826	2830	rBV	81802	107196	1.58%	0.116%
78	19.656	2845	2851	2857	rBV5	94253	230289	3.40%	0.250%
79	19.792	2869	2874	2876	rBV3	83275	148782	2.19%	0.162%
80	19.827	2876	2880	2885	rVV2	228312	341935	5.04%	0.371%
81	19.874	2885	2888	2892	rVV4	45322	53706	0.79%	0.058%
82	19.927	2893	2897	2901	rVV	172620	217827	3.21%	0.237%
83	19.980	2901	2906	2911	rVV2	126610	224620	3.31%	0.244%
84	20.121	2928	2930	2934	rVB	58633	58710	0.87%	0.064%
85	20.168	2935	2938	2943	rVV3	57899	78857	1.16%	0.086%
86	20.374	2970	2973	2976	rBV3	81600	87647	1.29%	0.095%
87	20.739	3032	3035	3039	rBV	148297	190077	2.80%	0.206%
88	20.780	3039	3042	3045	rBV	133816	149170	2.20%	0.162%
89	20.833	3045	3051	3057	rBV3	808093	1371609	20.23%	1.489%
90	21.092	3089	3095	3099	rBV2	4530747	6780216	100.00%	7.362%
91	21.127	3099	3101	3113	rVB	988885	1265780	18.67%	1.374%
92	21.274	3123	3126	3129	rBV	278078	269042	3.97%	0.292%
93	21.697	3194	3198	3203	rBV2	430683	568164	8.38%	0.617%
94	22.139	3269	3273	3278	rVB	623432	823112	12.14%	0.894%
95	22.615	3347	3354	3369	rBV2	1394218	3620986	53.41%	3.932%
96	23.050	3424	3428	3431	rBV	478827	730881	10.78%	0.794%
97	23.097	3431	3436	3440	rVV	2695094	4486808	66.18%	4.872%
98	23.144	3440	3444	3451	rVB2	1305322	2402069	35.43%	2.608%
99	23.233	3453	3459	3465	rBV	2902745	5234969	77.21%	5.684%
100	23.756	3544	3548	3555	rVB	640196	1095799	16.16%	1.190%

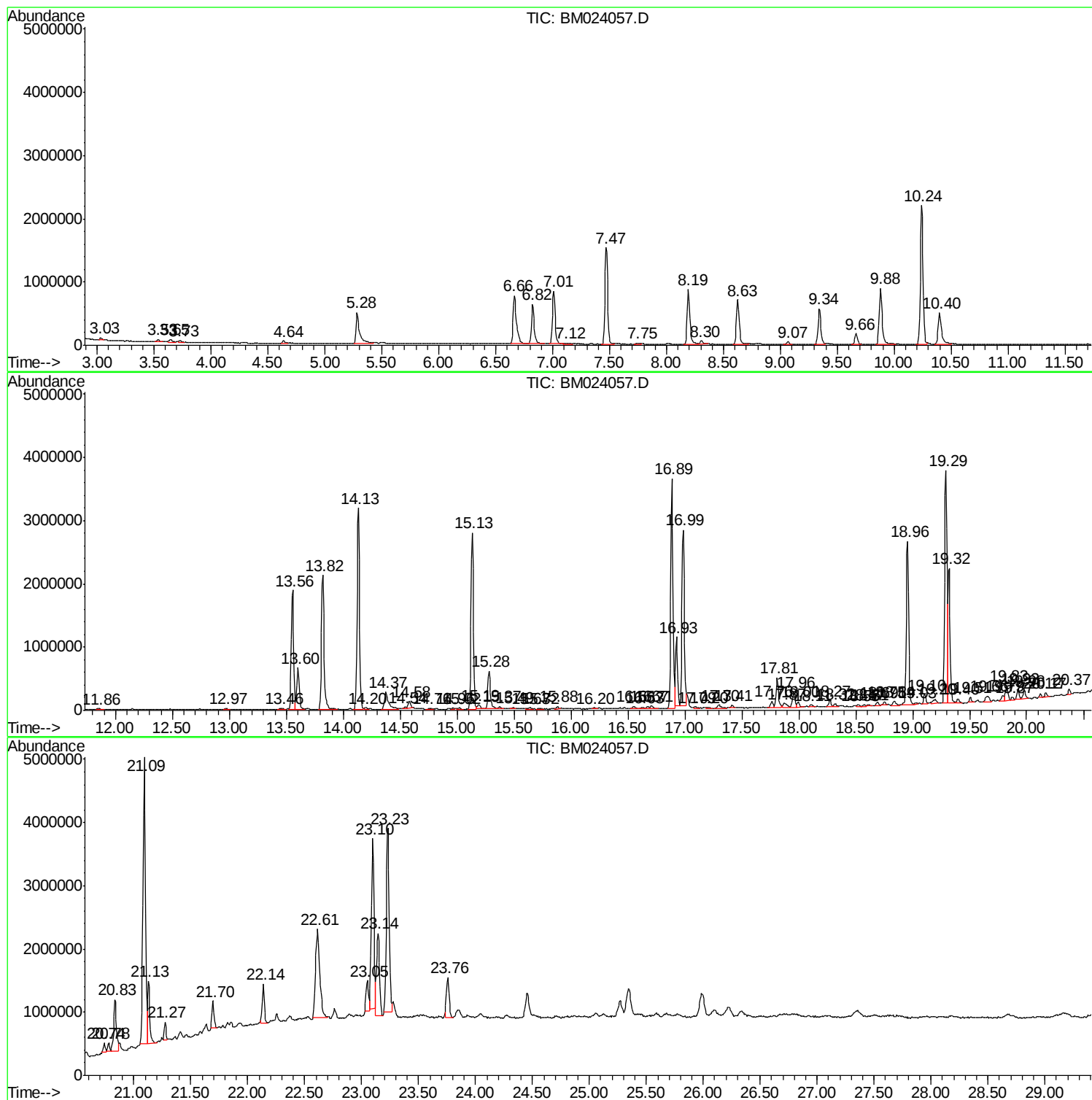
Sum of corrected areas: 92097889

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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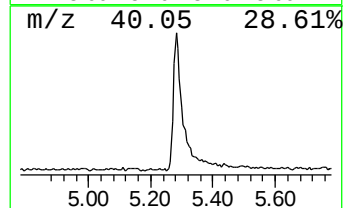
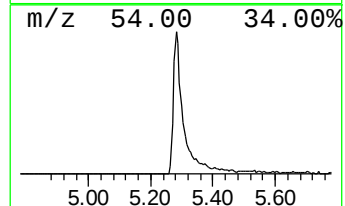
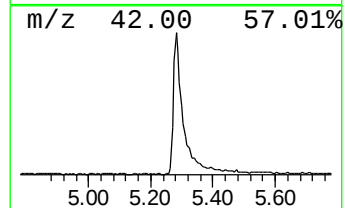
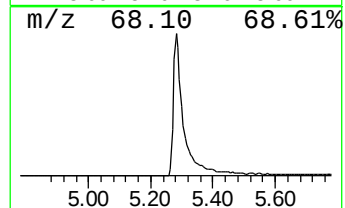
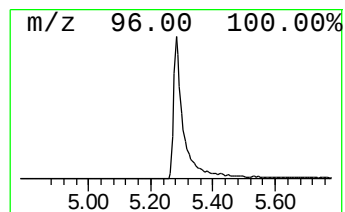
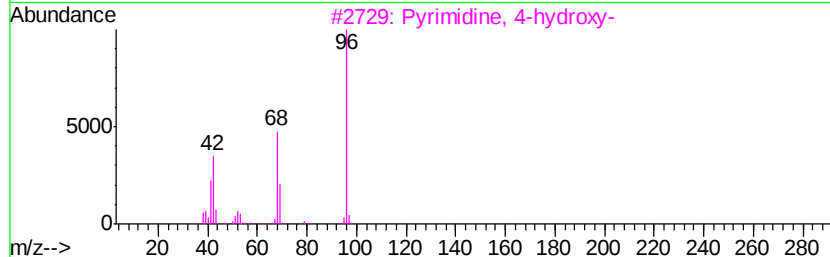
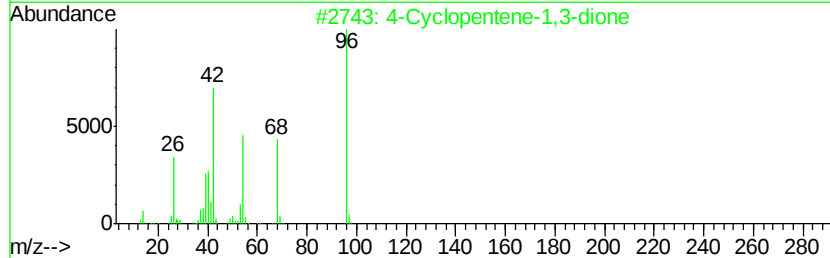
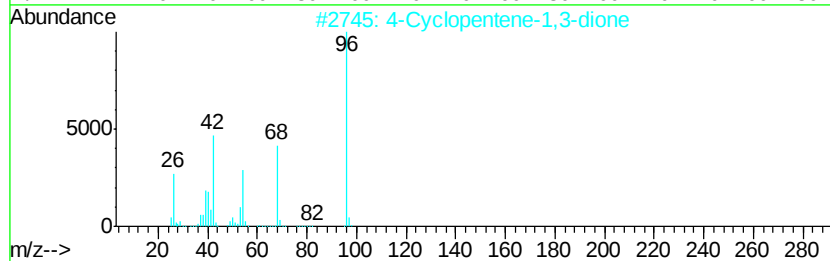
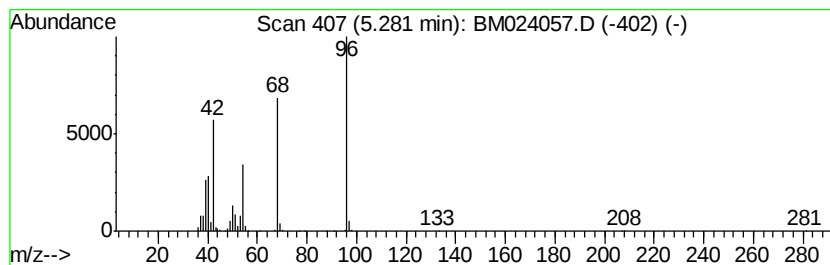
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 4-Cyclopentene-1,3-dione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	9.02 ng/ul	1116480	1,4-Dichlorobenzene-d4	7.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Cyclopentene-1,3-dione	96	C5H4O2	000930-60-9	80
2			4-Cyclopentene-1,3-dione	96	C5H4O2	000930-60-9	74
3			Pyrimidine, 4-hydroxy-	96	C4H4N2O	051953-18-5	64
4			4-Cyclopentene-1,3-dione	96	C5H4O2	000930-60-9	59
5			3-Amino-1,2,4-triazine	96	C3H4N4	001120-99-6	59



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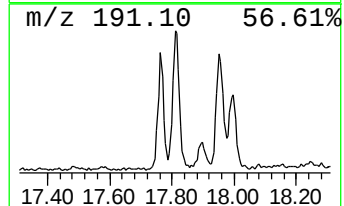
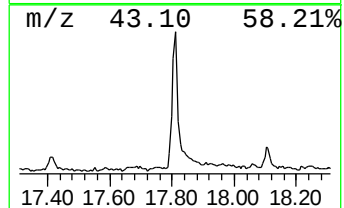
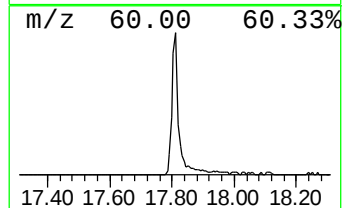
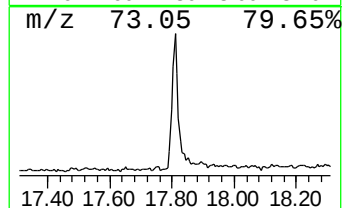
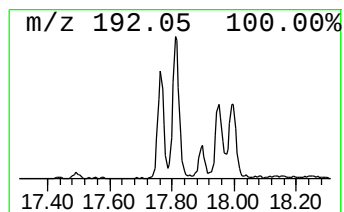
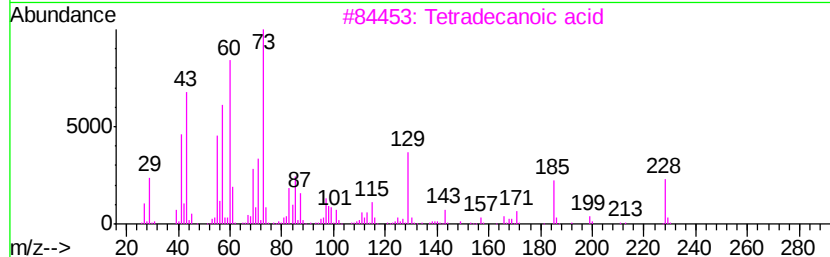
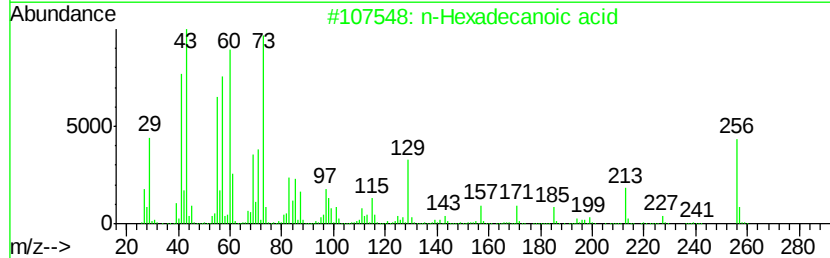
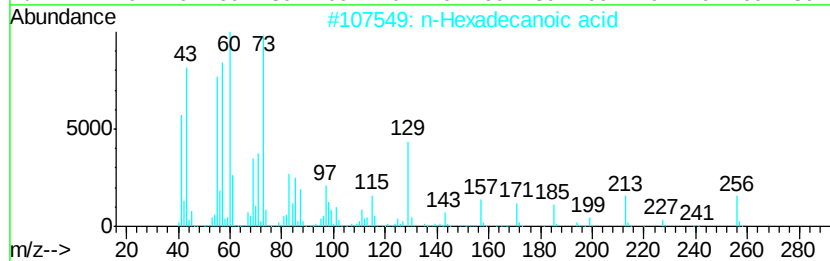
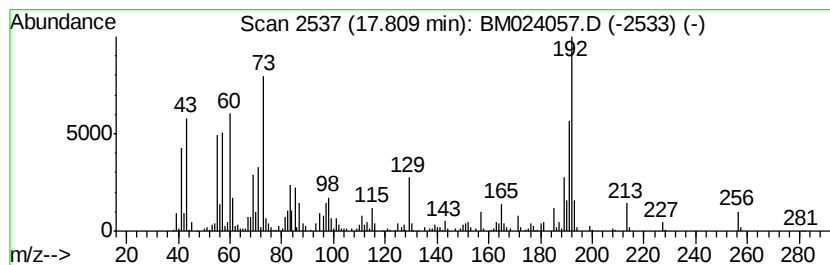
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	2.74 ng/ul	696772	Phenanthrene-d10	16.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



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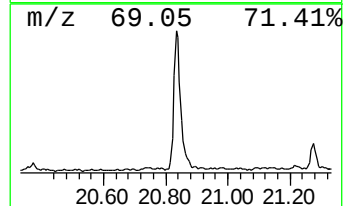
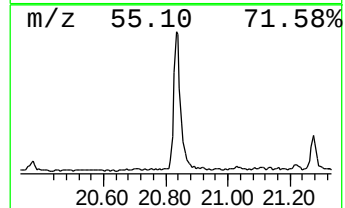
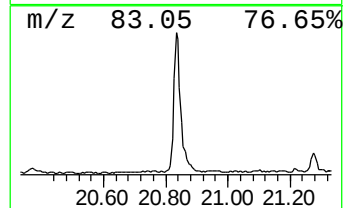
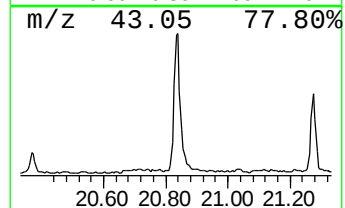
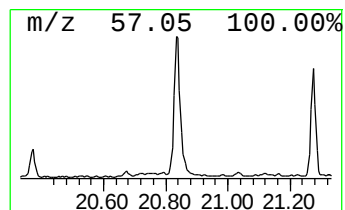
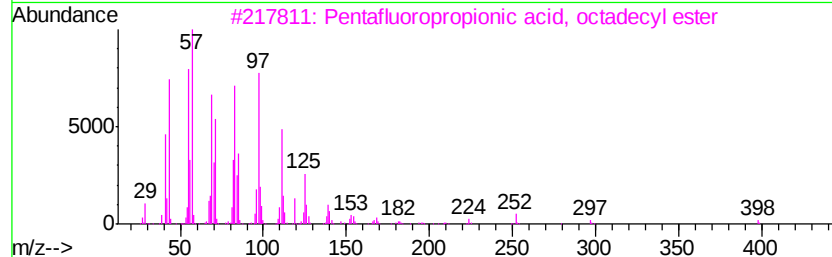
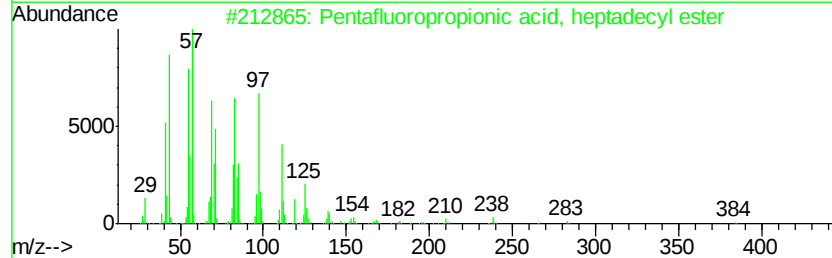
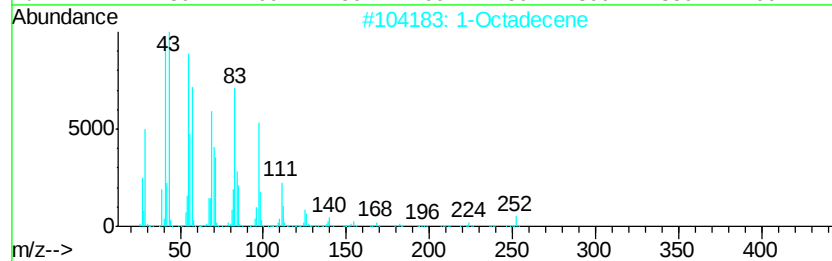
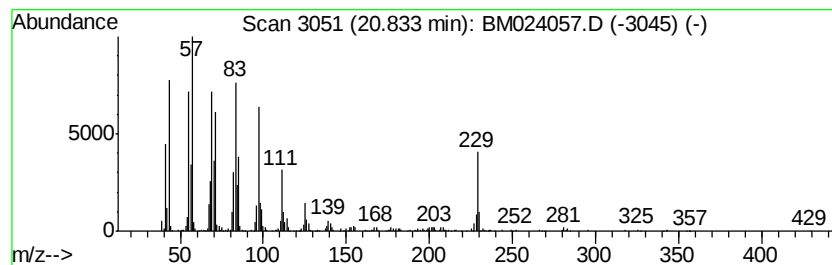
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 Peak Number 3 (DEL) Alkane: Cyclic20.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.05 ng/ul	1371610	Chrysene-d12	21.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecene		252 C18H36	000112-88-9 93
2	Pentafluoropropionic acid, hepta...		402 C20H35F5O2	959218-78-1 81
3	Pentafluoropropionic acid, octad...		416 C21H37F5O2	959261-25-7 81
4	Nonadecyl pentafluoropropionate		430 C22H39F5O2	1000351-88-8 81
5	Ethanol, 2-(tetradecyloxy)-		258 C16H34O2	002136-70-1 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024057.D
Acq On : 12 Dec 2019 14:10
Operator : JU
Sample : K6088-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BP4

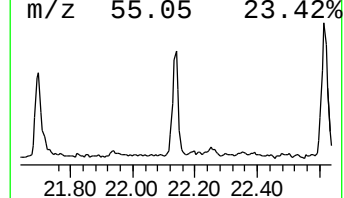
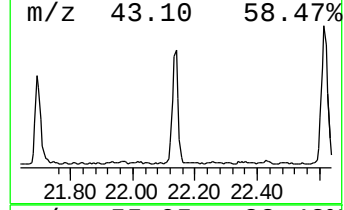
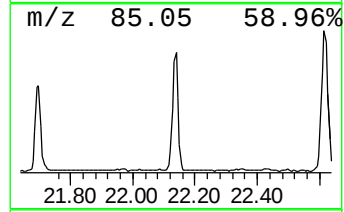
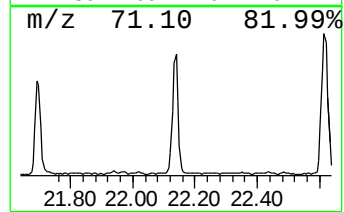
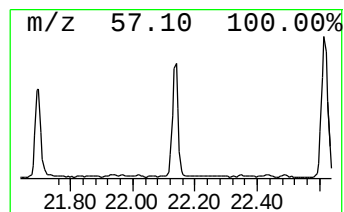
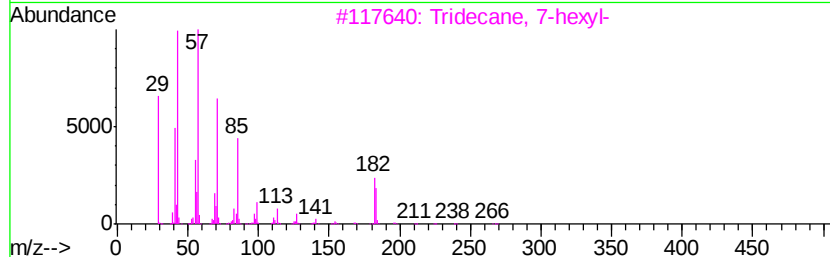
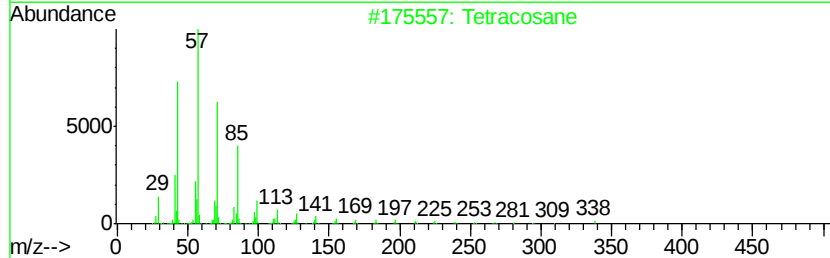
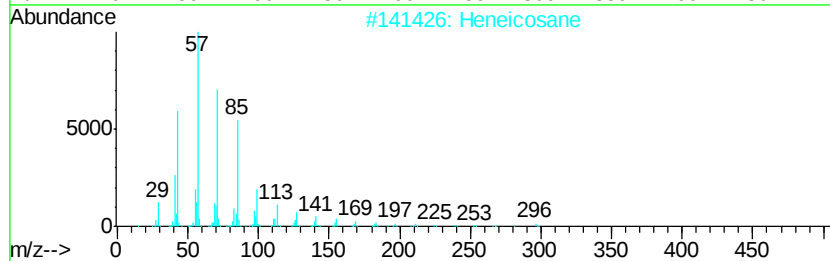
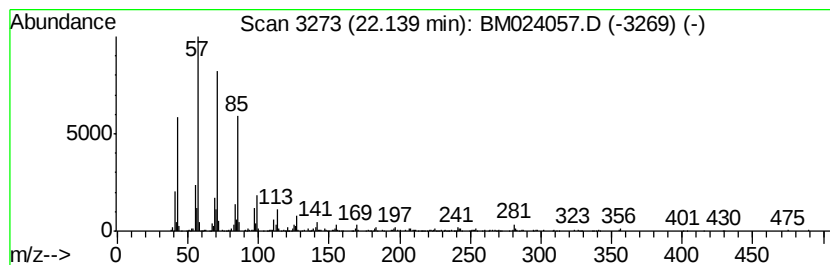
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	2.43 ng/ul	823112	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Docosane	310	C22H46	000629-97-0	86



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Acq On : 12 Dec 2019 14:10
Operator : JU
Sample : K6088-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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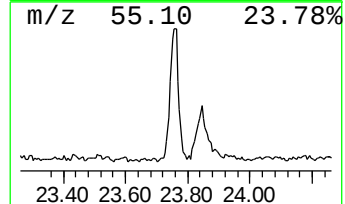
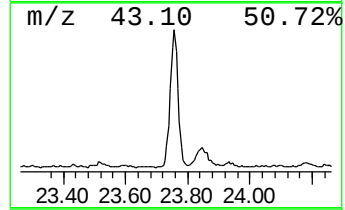
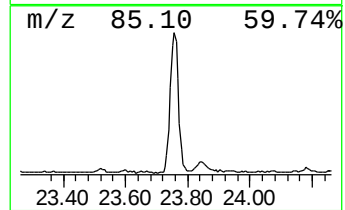
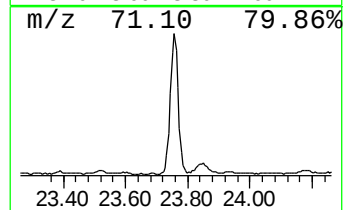
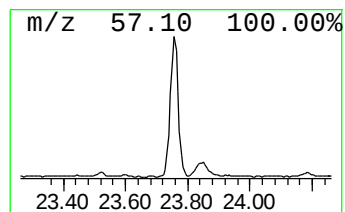
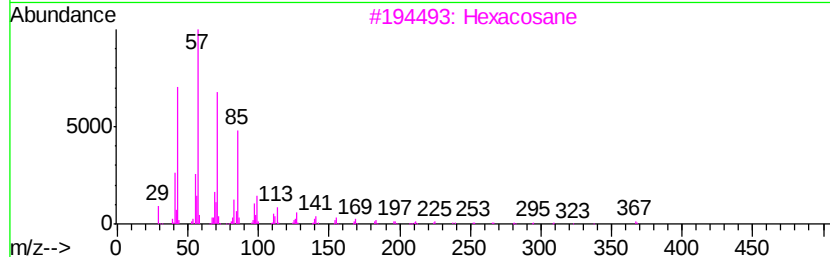
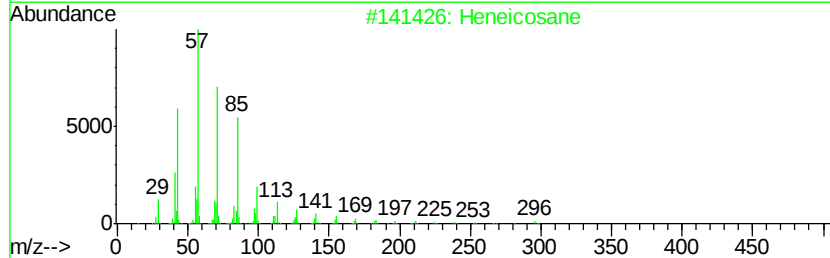
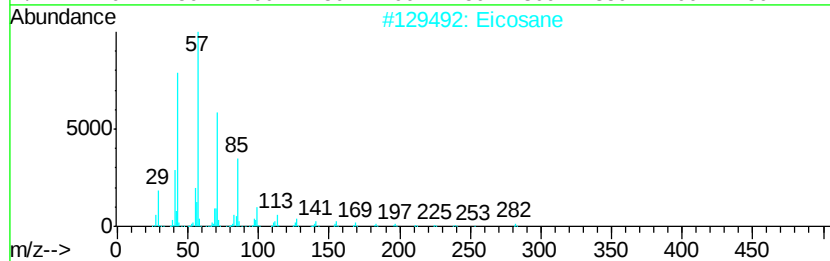
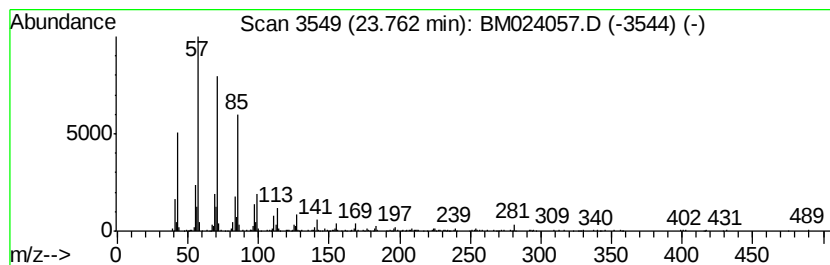
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	4.19 ng/ul	1095800	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



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Acq On : 12 Dec 2019 14:10
Operator : JU
Sample : K6088-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BP4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
4-Cyclopentene-1,...	5.28	9.0	ng/ul	1116480	1	7.47	2475410	20.0
n-Hexadecanoic acid	17.81	2.7	ng/ul	696772	4	16.89	5092660	20.0
(DEL) Alkane: Cyc...	20.83	4.0	ng/ul	1371610	5	21.09	6780220	20.0
(DEL) Alkane: Str...	22.14	2.4	ng/ul	823112	5	21.09	6780220	20.0
(DEL) Alkane: Str...	23.76	4.2	ng/ul	1095800	6	23.23	5234970	20.0