

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
 Data File : BM024580.D
 Acq On : 22 Jan 2020 14:11
 Operator : JU
 Sample : L1118-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASJ7

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-BM011520MA.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	3.058	27	29	35	rVB4	23143	28086	0.73%	0.065%
2	3.675	129	134	140	rVB	33770	56457	1.46%	0.130%
3	4.334	242	246	268	rVB	296983	503407	13.02%	1.160%
4	4.640	293	298	305	rVB	43554	68003	1.76%	0.157%
5	5.011	357	361	373	rBV2	46254	103188	2.67%	0.238%
6	5.152	381	385	394	rVV2	18253	36610	0.95%	0.084%
7	5.299	406	410	420	rVB8	8451	18210	0.47%	0.042%
8	5.640	464	468	474	rVB7	7801	16376	0.42%	0.038%
9	6.646	633	639	655	rVB	361934	650668	16.82%	1.499%
10	6.799	658	665	674	rBV	290393	468924	12.13%	1.081%
11	6.940	686	689	692	rBV4	9267	13309	0.34%	0.031%
12	6.993	692	698	707	rVB	386774	610147	15.78%	1.406%
13	7.110	715	718	724	rBV3	16920	25141	0.65%	0.058%
14	7.175	724	729	735	rVB	32648	49523	1.28%	0.114%
15	7.452	769	776	784	rBV	731288	1127089	29.14%	2.597%
16	7.904	847	853	856	rBV7	10000	14586	0.38%	0.034%
17	7.981	861	866	872	rVB2	30941	47660	1.23%	0.110%
18	8.163	890	897	903	rBV	490135	764715	19.77%	1.762%
19	8.222	903	907	912	rVV5	20708	36397	0.94%	0.084%
20	8.269	912	915	922	rVB8	11870	24442	0.63%	0.056%
21	8.587	960	969	977	rBV	410773	664475	17.18%	1.531%
22	8.793	998	1004	1009	rVB6	12635	20445	0.53%	0.047%
23	8.863	1011	1016	1019	rVV6	12641	17981	0.46%	0.041%
24	8.910	1019	1024	1031	rVV4	40267	79341	2.05%	0.183%
25	9.010	1037	1041	1047	rVV3	31515	46004	1.19%	0.106%
26	9.087	1049	1054	1058	rVB7	8778	14953	0.39%	0.034%
27	9.304	1084	1091	1102	rBV	364542	568338	14.70%	1.310%
28	9.410	1104	1109	1113	rVV	69220	123358	3.19%	0.284%
29	9.445	1113	1115	1120	rVV	48877	61964	1.60%	0.143%
30	9.681	1149	1155	1157	rVV2	19208	30032	0.78%	0.069%
31	9.716	1157	1161	1170	rVV2	74115	119131	3.08%	0.275%
32	9.840	1174	1182	1194	rVV	534390	886275	22.92%	2.042%
33	10.098	1222	1226	1231	rBV2	20010	30609	0.79%	0.071%
34	10.210	1238	1245	1249	rBV	1057883	1697114	43.88%	3.911%

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35	10.257	1249	1253	1261	rVV	458828	746743	19.31%	1.721%
36	10.351	1261	1269	1284	rVB2	458055	901181	23.30%	2.077%
37	10.592	1304	1310	1314	rBV7	8839	17427	0.45%	0.040%
38	10.845	1349	1353	1361	rVB4	8375	14524	0.38%	0.033%
39	11.057	1381	1389	1394	rBV3	19076	32281	0.83%	0.074%
40	11.245	1415	1421	1427	rBV7	7402	13235	0.34%	0.031%
41	11.881	1524	1529	1535	rBV2	44233	70365	1.82%	0.162%
42	12.104	1562	1567	1574	rVB	44366	72150	1.87%	0.166%
43	12.998	1716	1719	1726	rVV4	13162	25087	0.65%	0.058%
44	13.145	1739	1744	1749	rVB4	8670	14317	0.37%	0.033%
45	13.422	1784	1791	1795	rBV9	7447	13381	0.35%	0.031%
46	13.522	1802	1808	1812	rBV	1292765	1726841	44.65%	3.980%
47	13.569	1812	1816	1828	rVB	196482	265767	6.87%	0.612%
48	13.781	1846	1852	1862	rVV	1086848	1618719	41.86%	3.730%
49	14.098	1899	1906	1913	rBV2	1817890	2583375	66.80%	5.953%
50	14.157	1913	1916	1922	rVB4	13025	17568	0.45%	0.040%
51	14.310	1936	1942	1951	rBV	331084	535979	13.86%	1.235%
52	14.386	1951	1955	1964	rVB5	21378	39162	1.01%	0.090%
53	14.533	1972	1980	1984	rBV4	44700	72405	1.87%	0.167%
54	14.622	1992	1995	2002	rVB3	13080	22461	0.58%	0.052%
55	14.710	2002	2010	2014	rVB7	9853	19873	0.51%	0.046%
56	15.098	2070	2076	2084	rBV	1575387	2213388	57.23%	5.101%
57	15.222	2092	2097	2106	rBV	366826	508940	13.16%	1.173%
58	15.339	2112	2117	2124	rVB3	15584	21560	0.56%	0.050%
59	15.822	2193	2199	2202	rBV6	6431	14561	0.38%	0.034%
60	15.886	2205	2210	2215	rVV7	7282	13817	0.36%	0.032%
61	15.957	2215	2222	2231	rVV2	30371	57889	1.50%	0.133%
62	16.045	2233	2237	2245	rVV2	33289	57190	1.48%	0.132%
63	16.122	2246	2250	2255	rVB4	12303	16743	0.43%	0.039%
64	16.339	2284	2287	2293	rBV5	9779	15661	0.40%	0.036%
65	16.639	2332	2338	2345	rVV3	63370	100373	2.60%	0.231%
66	16.851	2367	2374	2383	rVV	2349284	3329313	86.09%	7.673%
67	16.945	2383	2390	2402	rVV	1807003	2537631	65.62%	5.848%
68	17.063	2406	2410	2415	rVV6	28494	48116	1.24%	0.111%
69	17.116	2415	2419	2423	rVV3	26652	33232	0.86%	0.077%
70	17.163	2423	2427	2435	rVV6	12577	23578	0.61%	0.054%
71	17.251	2438	2442	2445	rVV	27837	43759	1.13%	0.101%

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72	17.280	2445	2447	2451	rVB3	16624	15953	0.41%	0.037%
73	17.416	2465	2470	2472	rBV5	12371	17476	0.45%	0.040%
74	17.463	2475	2478	2482	rVB2	15884	16614	0.43%	0.038%
75	17.680	2512	2515	2519	rVB6	16665	21178	0.55%	0.049%
76	17.786	2527	2533	2541	rBV	224096	339730	8.78%	0.783%
77	17.927	2553	2557	2561	rVB6	11827	16003	0.41%	0.037%
78	18.227	2604	2608	2612	rVB5	27342	33583	0.87%	0.077%
79	18.304	2617	2621	2625	rBV7	9355	14830	0.38%	0.034%
80	18.886	2716	2720	2723	rBV	22064	30405	0.79%	0.070%
81	19.080	2749	2753	2758	rVV4	71972	96301	2.49%	0.222%
82	19.139	2760	2763	2769	rVB2	22397	31019	0.80%	0.071%
83	19.251	2776	2782	2789	rBV	2333330	3036552	78.52%	6.998%
84	19.321	2792	2794	2798	rVV3	12071	12601	0.33%	0.029%
85	19.568	2833	2836	2840	rBV2	19378	24343	0.63%	0.056%
86	19.821	2876	2879	2883	rBV5	21410	26339	0.68%	0.061%
87	19.862	2883	2886	2890	rBV4	22167	26925	0.70%	0.062%
88	20.192	2939	2942	2946	rBV4	22652	31247	0.81%	0.072%
89	20.362	2968	2971	2974	rVB2	40276	41330	1.07%	0.095%
90	20.815	3043	3048	3061	rBV	657366	996178	25.76%	2.296%
91	21.057	3084	3089	3099	rBV	3149523	3867314	100.00%	8.912%
92	21.262	3121	3124	3129	rBV	141784	147759	3.82%	0.341%
93	21.686	3192	3196	3202	rBV2	206189	263142	6.80%	0.606%
94	22.121	3267	3270	3276	rVB	233854	277473	7.17%	0.639%
95	22.239	3287	3290	3295	rVB	165379	201741	5.22%	0.465%
96	22.603	3348	3352	3356	rBV	270906	348118	9.00%	0.802%
97	23.039	3420	3426	3436	rVB	1426519	2437261	63.02%	5.617%
98	23.133	3438	3442	3443	rVV	275802	359928	9.31%	0.829%
99	23.168	3443	3448	3460	rVB	1905981	3410186	88.18%	7.859%
100	23.733	3540	3544	3549	rVB	222452	369479	9.55%	0.851%

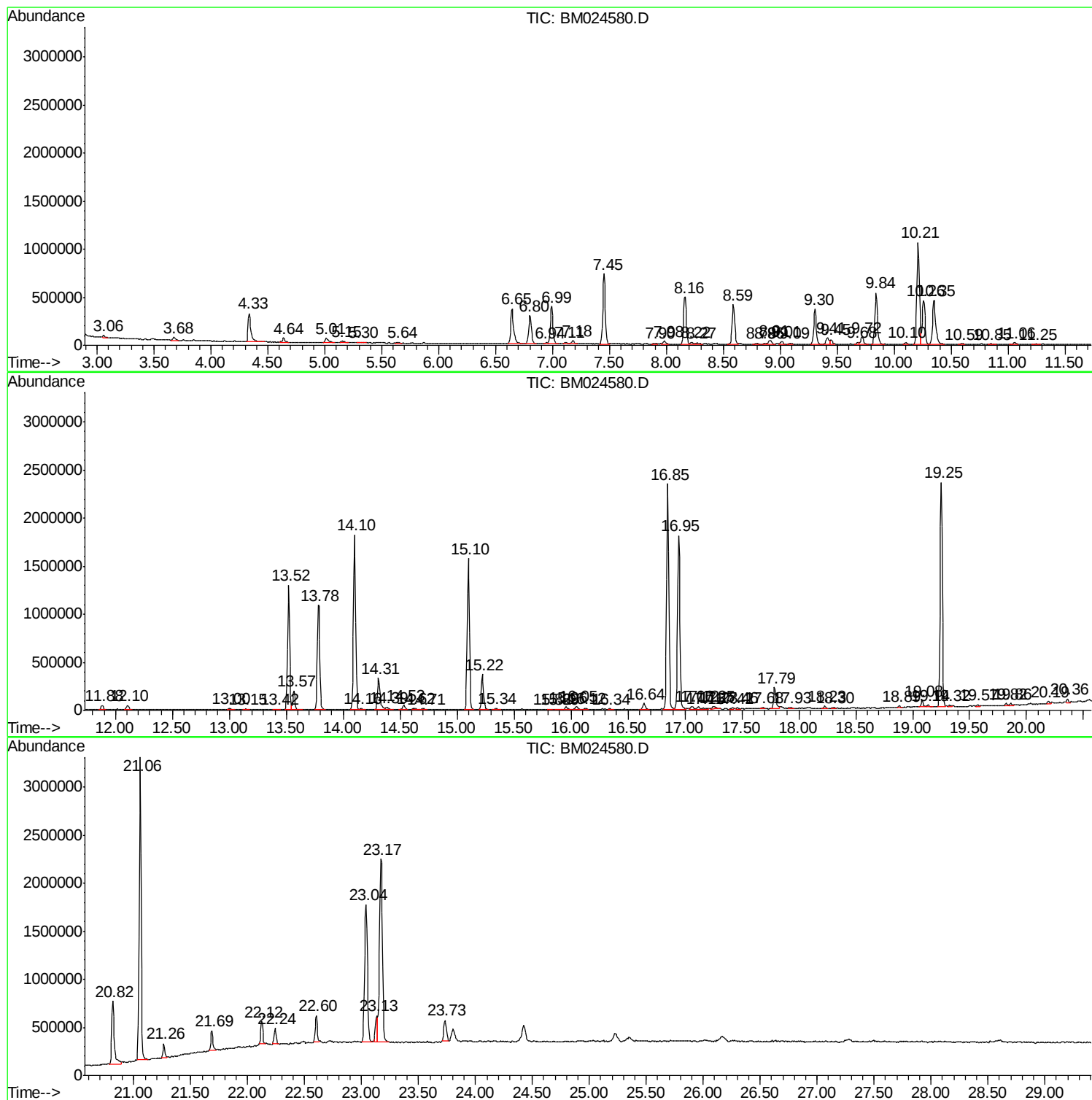
Sum of corrected areas: 43392558

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



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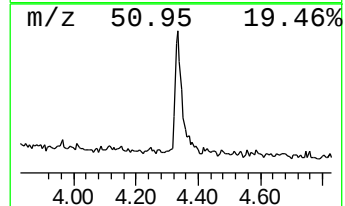
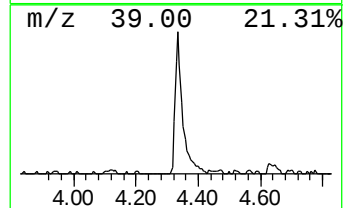
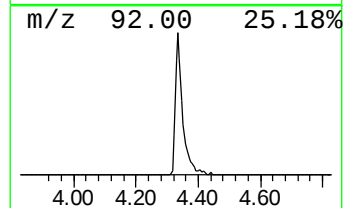
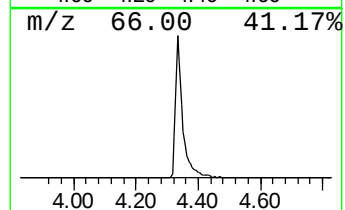
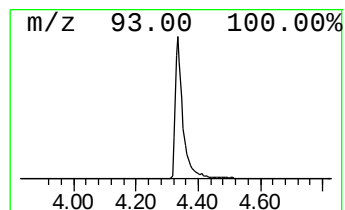
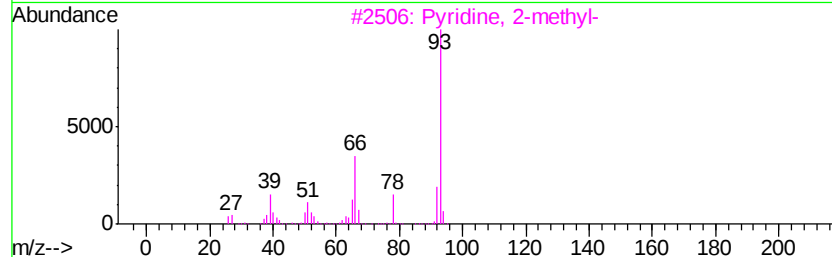
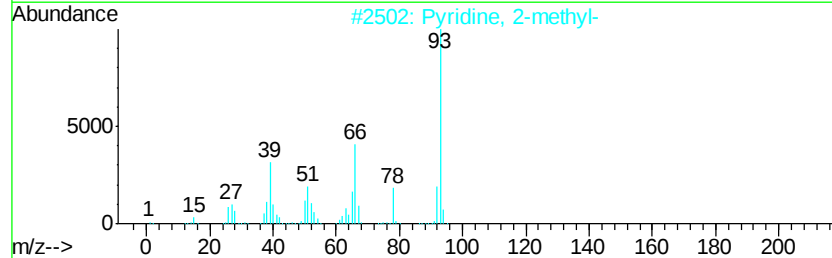
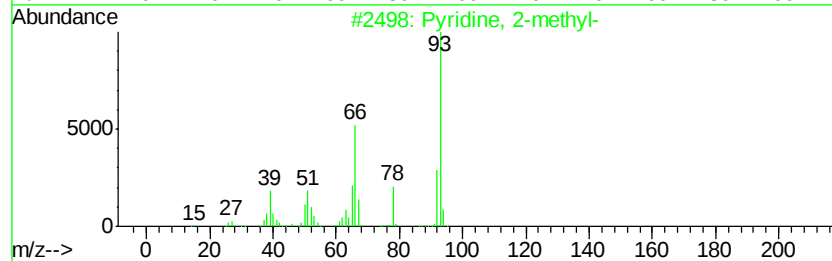
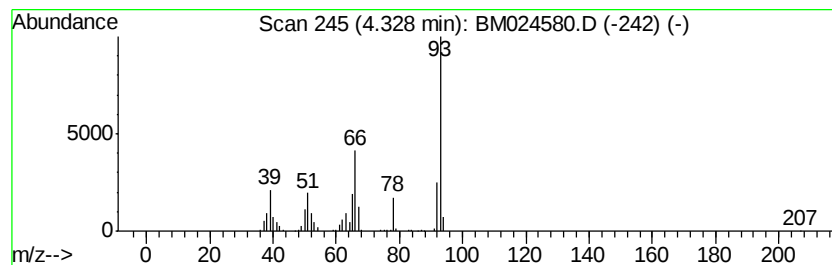
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Pyridine, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.33	8.93 ng/ul	503407	1,4-Dichlorobenzene-d4	7.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	97
2	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	95
3	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	94
4	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	91
5	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	91



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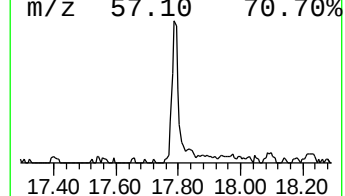
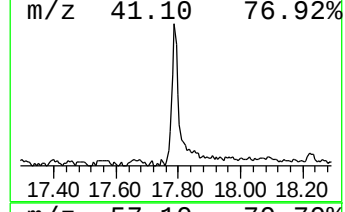
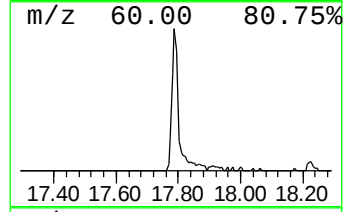
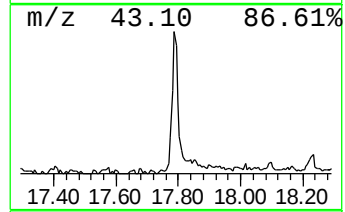
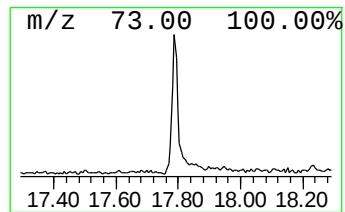
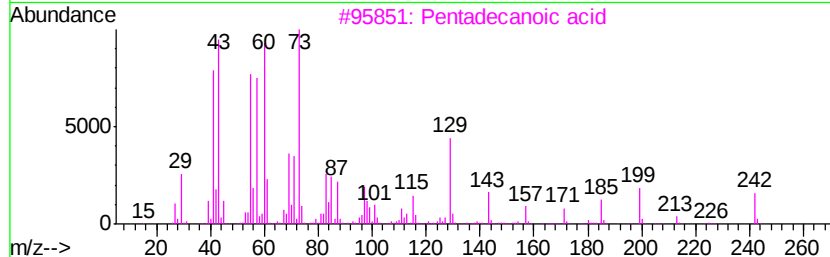
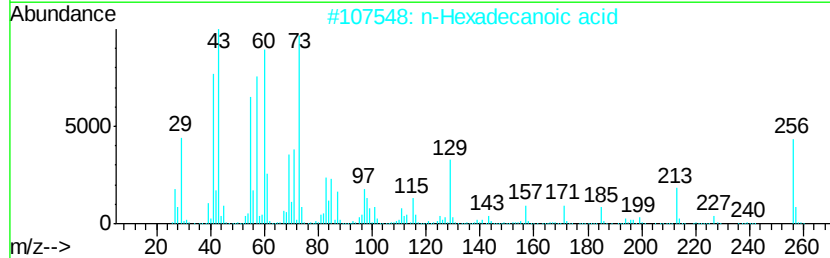
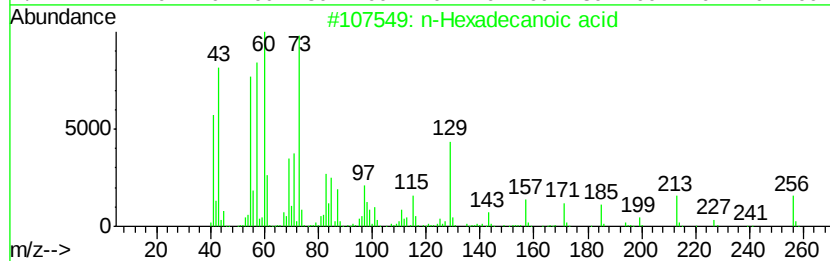
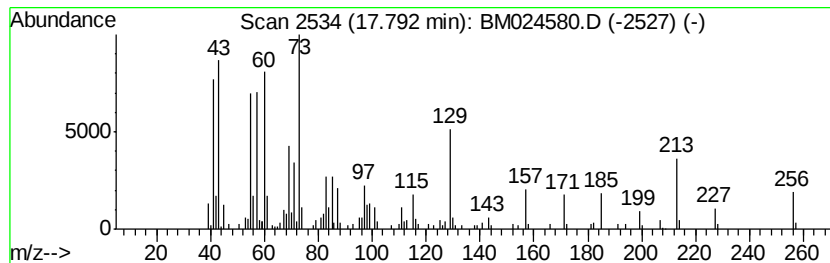
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.04 ng/ul	339730	Phenanthrene-d10	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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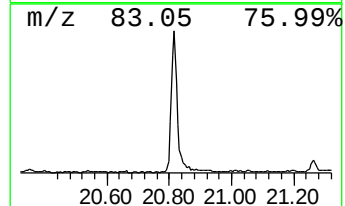
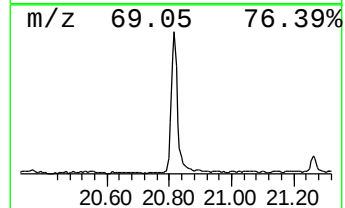
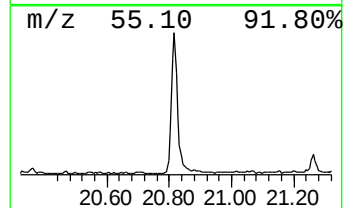
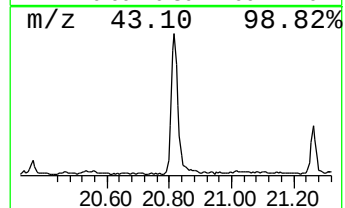
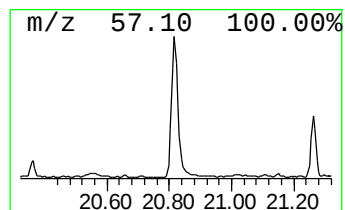
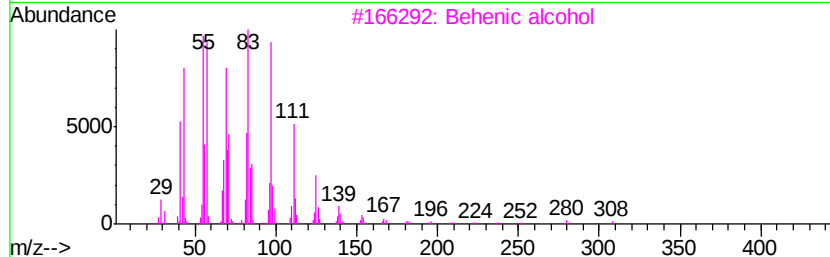
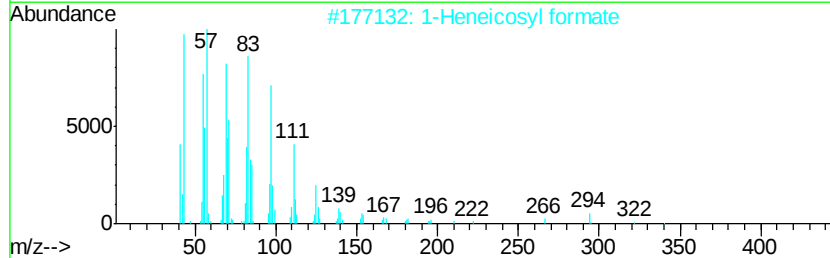
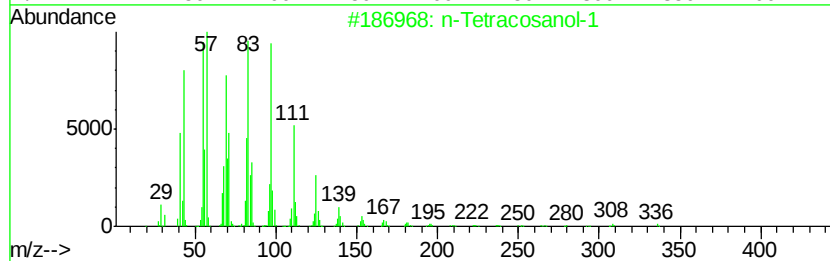
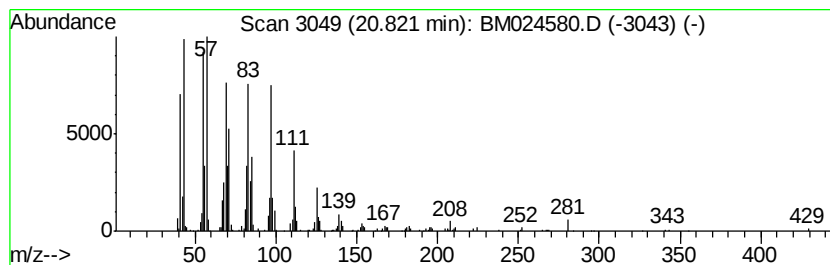
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Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	5.15 ng/ul	996178	Chrysene-d12	21.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	95
2	1-Heneicosyl formate	340 C22H44O2	077899-03-7	95
3	Behenic alcohol	326 C22H46O	000661-19-8	95
4	1-Heneicosanol	312 C21H44O	015594-90-8	95
5	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024580.D
Acq On : 22 Jan 2020 14:11
Operator : JU
Sample : L1118-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASJ7

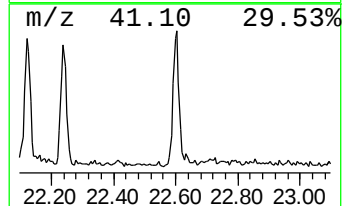
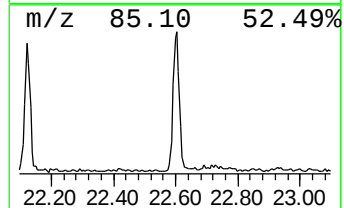
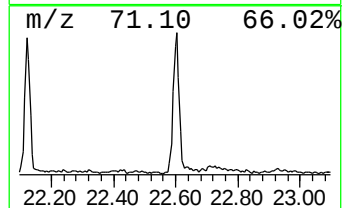
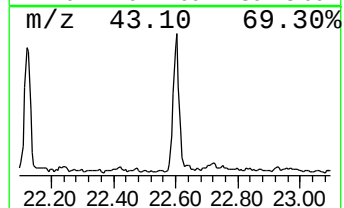
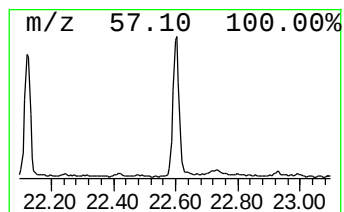
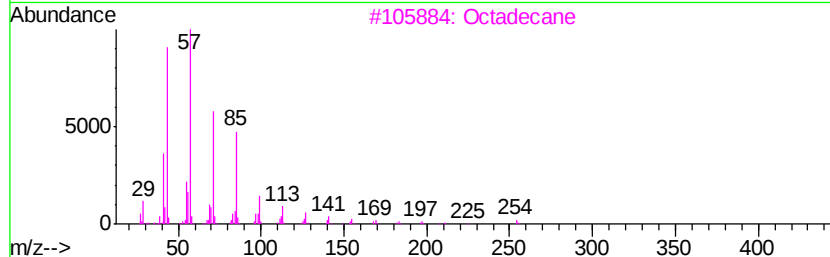
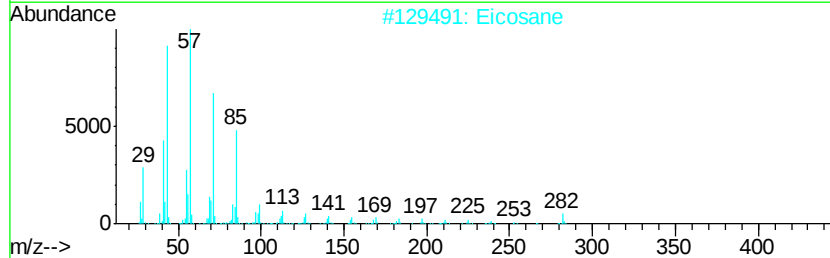
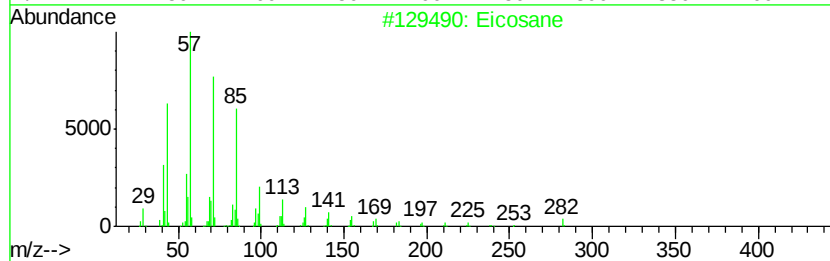
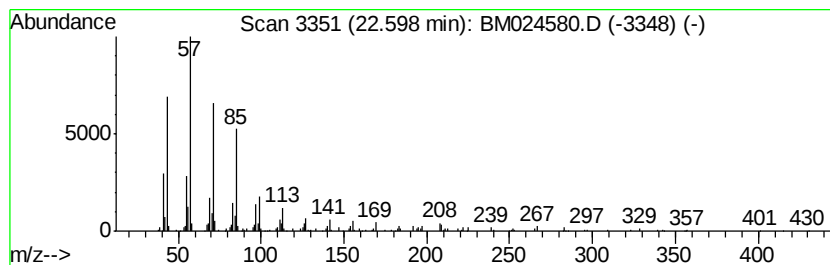
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.04 ng/ul	348118	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Eicosane	282	C20H42	000112-95-8	96
3		Octadecane	254	C18H38	000593-45-3	93
4		Tetracosane	338	C24H50	000646-31-1	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024580.D
Acq On : 22 Jan 2020 14:11
Operator : JU
Sample : L1118-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASJ7

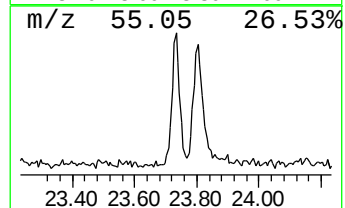
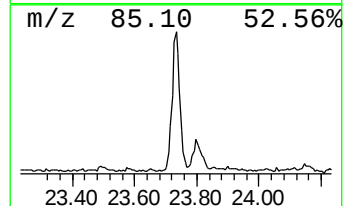
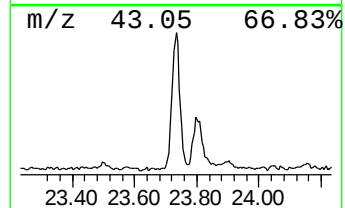
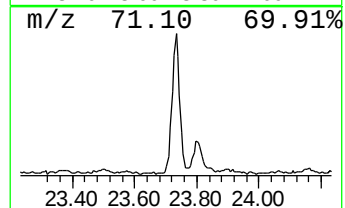
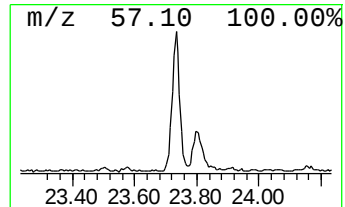
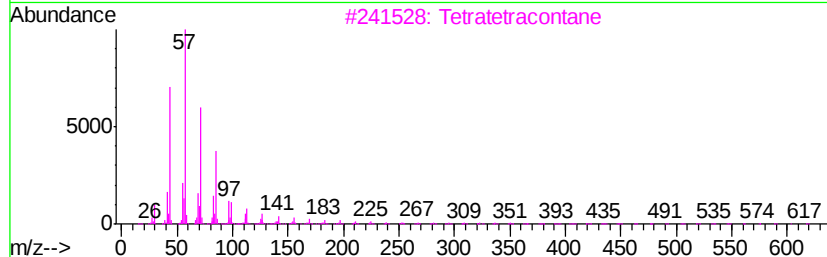
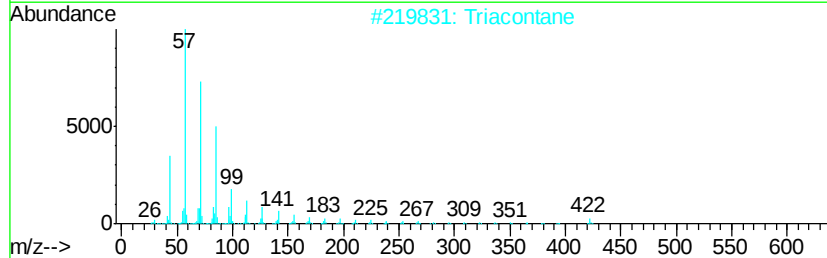
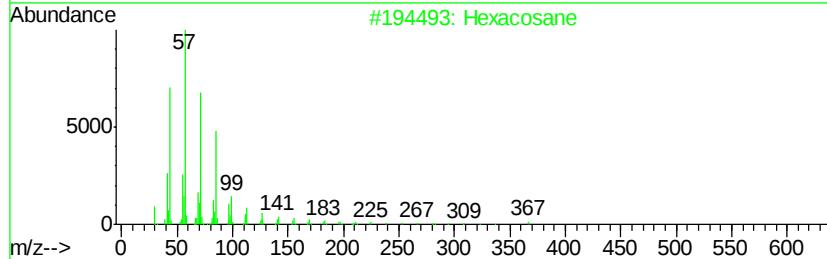
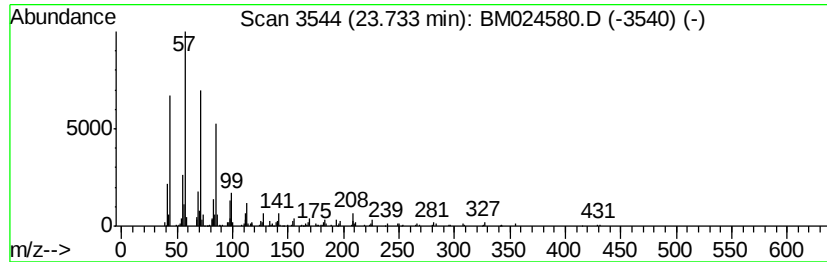
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	2.17 ng/ul	369479	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		triacontane	422	C30H62	000638-68-6	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012220\
Data File : BM024580.D
Acq On : 22 Jan 2020 14:11
Operator : JU
Sample : L1118-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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
Pyridine, 2-methyl-	4.33	8.9	ng/ul	503407	1	7.45	1127090	20.0
n-Hexadecanoic acid	17.79	2.0	ng/ul	339730	4	16.85	3329310	20.0
n-Tetracosanol-1	20.82	5.2	ng/ul	996178	5	21.06	3867310	20.0
(DEL) Alkane: Str...	22.60	2.0	ng/ul	348118	6	23.17	3410190	20.0
(DEL) Alkane: Str...	23.73	2.2	ng/ul	369479	6	23.17	3410190	20.0