

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 Data File : BM024526.D
 Acq On : 18 Jan 2020 09:27
 Operator : JU
 Sample : L1169-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF771

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	3.057	26	29	32	rBV	37733	47307	0.59%	0.068%
2	3.093	32	35	43	rVB	85803	121475	1.53%	0.174%
3	3.169	45	48	52	rVB2	9682	11716	0.15%	0.017%
4	3.675	129	134	139	rBV4	15300	24691	0.31%	0.035%
5	3.763	146	149	157	rVB4	9358	13747	0.17%	0.020%
6	4.146	210	214	219	rBV	26248	32360	0.41%	0.046%
7	5.434	429	433	440	rVV3	16037	23838	0.30%	0.034%
8	5.522	444	448	454	rBV4	6097	11328	0.14%	0.016%
9	5.757	484	488	493	rVB5	6317	10664	0.13%	0.015%
10	6.222	563	567	573	rBV4	4614	8768	0.11%	0.013%
11	6.645	633	639	656	rVB2	175094	329681	4.15%	0.472%
12	6.804	658	666	675	rVV	544347	834577	10.49%	1.195%
13	6.998	692	699	707	rBV	655297	1048980	13.19%	1.502%
14	7.334	751	756	761	rVB5	8795	13351	0.17%	0.019%
15	7.457	770	777	786	rBV	795765	1236743	15.55%	1.771%
16	7.528	786	789	796	rVB5	7731	15791	0.20%	0.023%
17	7.763	826	829	834	rVB4	7113	11386	0.14%	0.016%
18	7.916	848	855	860	rBV4	6759	12890	0.16%	0.018%
19	8.163	889	897	908	rBV	552670	868992	10.93%	1.244%
20	8.422	936	941	949	rBV2	21345	44744	0.56%	0.064%
21	8.592	963	970	980	rVV	844742	1330285	16.73%	1.905%
22	8.675	980	984	988	rVB6	4774	8204	0.10%	0.012%
23	8.939	1023	1029	1045	rVB	557643	852319	10.72%	1.220%
24	9.098	1045	1056	1066	rBV	243043	502501	6.32%	0.720%
25	9.310	1084	1092	1101	rBV	734085	1214610	15.27%	1.739%
26	9.386	1103	1105	1111	rVB4	7508	8565	0.11%	0.012%
27	9.616	1141	1144	1148	rBV3	5260	8231	0.10%	0.012%
28	9.845	1175	1183	1192	rBV	1145613	1860005	23.39%	2.663%
29	10.216	1238	1246	1258	rBV	1164978	1882932	23.68%	2.696%
30	10.351	1264	1269	1277	rBV	62418	110666	1.39%	0.158%
31	10.469	1284	1289	1295	rBV4	3801	8601	0.11%	0.012%
32	11.810	1512	1517	1523	rVB2	20031	34066	0.43%	0.049%
33	12.263	1589	1594	1601	rVB5	12086	22011	0.28%	0.032%
34	12.539	1638	1641	1648	rBV4	7018	14159	0.18%	0.020%

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 Title : SVOA CALIBRATION

35	12.721	1667	1672	1674	rBV3	7088	10062	0.13%	0.014%
36	13.527	1802	1809	1814	rBV	2670134	3625304	45.59%	5.191%
37	13.568	1814	1816	1824	rVB	154524	198384	2.49%	0.284%
38	13.786	1846	1853	1866	rBV	2608937	3836344	48.24%	5.493%
39	13.910	1869	1874	1881	rBV4	8096	16402	0.21%	0.023%
40	14.015	1887	1892	1896	rBV2	11646	20070	0.25%	0.029%
41	14.104	1901	1907	1914	rVB	2060788	2962652	37.25%	4.242%
42	14.192	1919	1922	1926	rVB5	6952	8103	0.10%	0.012%
43	14.245	1928	1931	1937	rVB3	9687	12524	0.16%	0.018%
44	14.310	1937	1942	1958	rBV	235098	402608	5.06%	0.576%
45	14.562	1982	1985	1989	rBV3	6667	8041	0.10%	0.012%
46	14.957	2048	2052	2055	rBV3	7593	9994	0.13%	0.014%
47	15.015	2058	2062	2068	rVV5	7058	13450	0.17%	0.019%
48	15.104	2068	2077	2091	rVV	3902714	5255447	66.08%	7.525%
49	15.221	2091	2097	2113	rVV	1312538	1846936	23.22%	2.645%
50	15.345	2113	2118	2123	rVB	42537	62908	0.79%	0.090%
51	15.886	2205	2210	2218	rBV6	14929	29614	0.37%	0.042%
52	16.045	2232	2237	2241	rBV5	4626	8366	0.11%	0.012%
53	16.633	2335	2337	2341	rVV3	9460	11703	0.15%	0.017%
54	16.674	2341	2344	2347	rVB2	8471	8261	0.10%	0.012%
55	16.780	2357	2362	2364	rBV	10361	13258	0.17%	0.019%
56	16.851	2368	2374	2383	rVV	2743666	3776825	47.49%	5.408%
57	16.951	2384	2391	2406	rVB	4777289	6493974	81.66%	9.299%
58	17.098	2412	2416	2420	rVB7	9508	17724	0.22%	0.025%
59	17.656	2507	2511	2515	rBV5	4442	8192	0.10%	0.012%
60	17.792	2527	2534	2542	rBV	277967	402986	5.07%	0.577%
61	18.068	2577	2581	2585	rBV2	12786	19634	0.25%	0.028%
62	18.809	2705	2707	2711	rBV5	8309	10160	0.13%	0.015%
63	18.886	2716	2720	2725	rVV	58956	78505	0.99%	0.112%
64	19.086	2750	2754	2759	rBV	99296	125955	1.58%	0.180%
65	19.139	2759	2763	2768	rVB	49558	72236	0.91%	0.103%
66	19.256	2776	2783	2790	rBV	6163284	7952594	100.00%	11.387%
67	19.509	2822	2826	2829	rBV	14285	18760	0.24%	0.027%
68	19.556	2830	2834	2837	rBV5	8664	10551	0.13%	0.015%
69	19.821	2876	2879	2883	rBV5	28513	38574	0.49%	0.055%
70	20.815	3044	3048	3054	rBV	786132	958954	12.06%	1.373%
71	21.056	3084	3089	3098	rBV	3595568	4536678	57.05%	6.496%

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72	21.268	3122	3125	3130	rVB2	83554	90673	1.14%	0.130%
73	21.691	3194	3197	3202	rVB3	150538	187785	2.36%	0.269%
74	22.127	3268	3271	3277	rVB	196273	247165	3.11%	0.354%
75	22.609	3349	3353	3363	rVB	258895	363559	4.57%	0.521%
76	23.044	3420	3427	3438	rBV	4415607	7688673	96.68%	11.009%
77	23.180	3439	3450	3459	rVB	2461133	4767236	59.95%	6.826%
78	23.744	3541	3546	3551	rVB	246483	414992	5.22%	0.594%
79	23.809	3553	3557	3563	rVB5	160367	271366	3.41%	0.389%
80	24.432	3659	3663	3670	rVB2	192014	343446	4.32%	0.492%

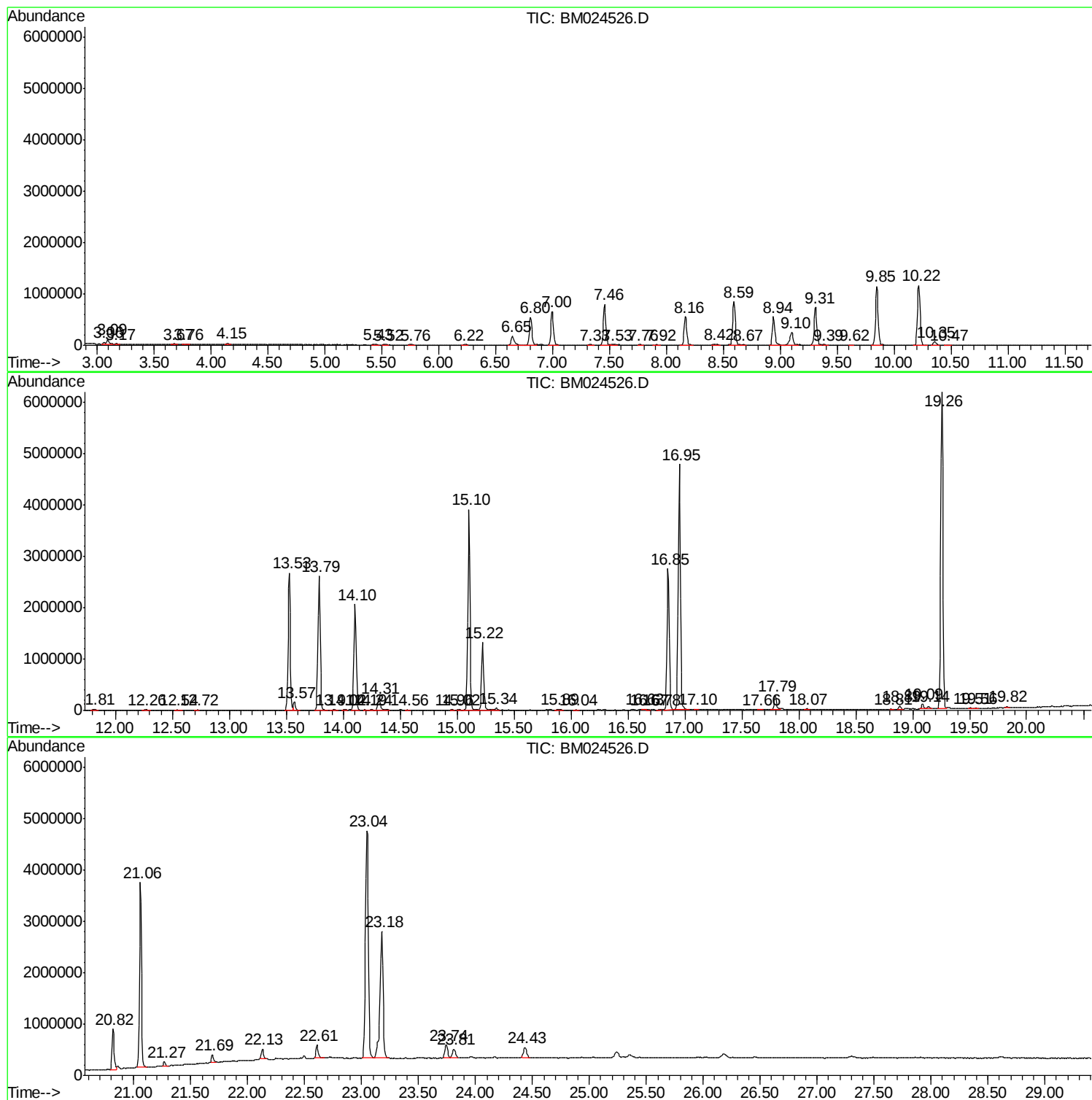
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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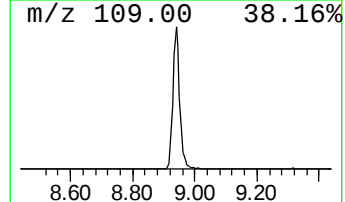
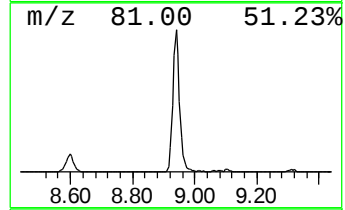
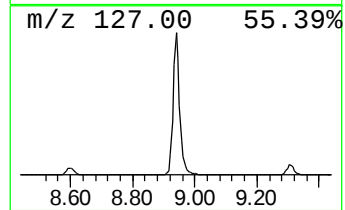
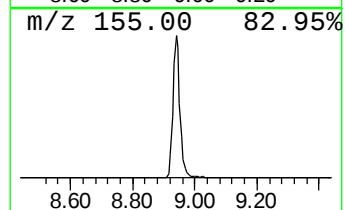
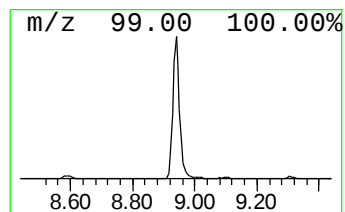
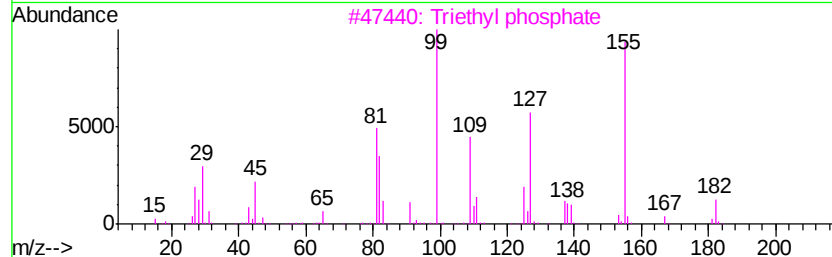
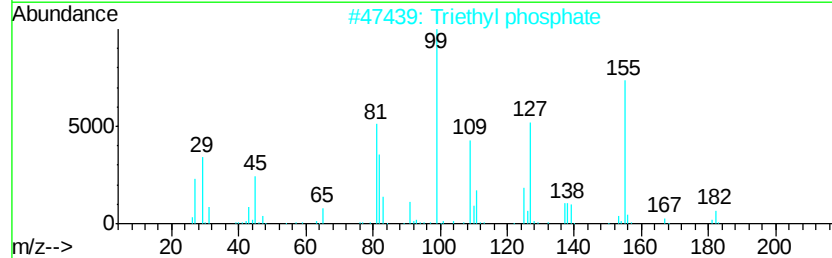
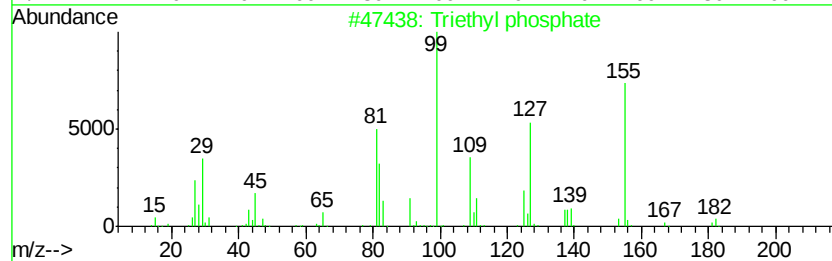
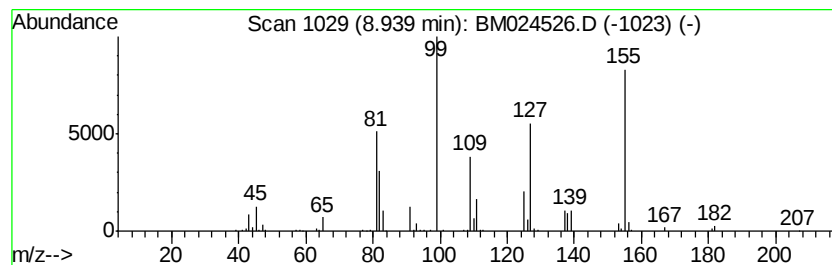
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Triethyl phosphate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	9.05 ng/ul	852319	Naphthalene-d8	10.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triethyl phosphate	182	C6H15O4P	000078-40-0	98
2		Triethyl phosphate	182	C6H15O4P	000078-40-0	91
3		Triethyl phosphate	182	C6H15O4P	000078-40-0	90
4		Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	53
5		Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	53



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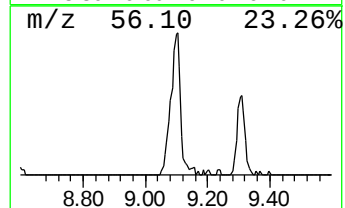
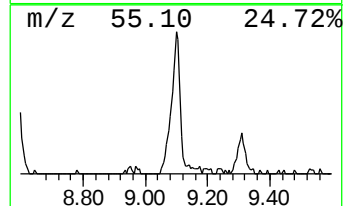
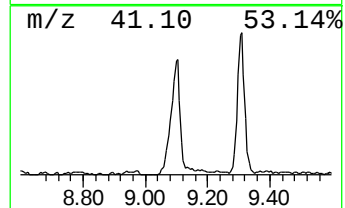
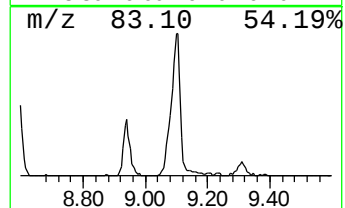
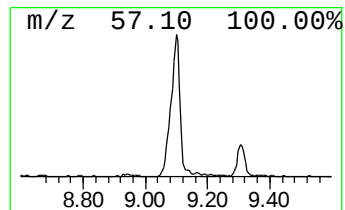
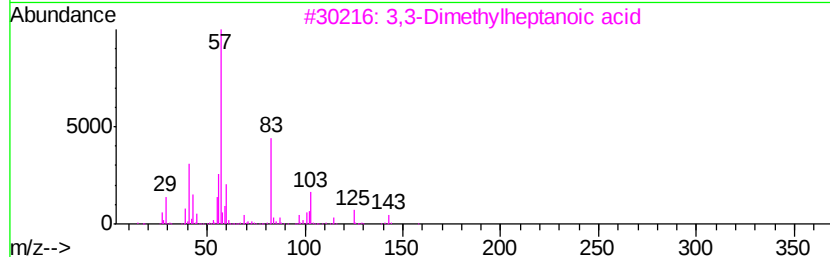
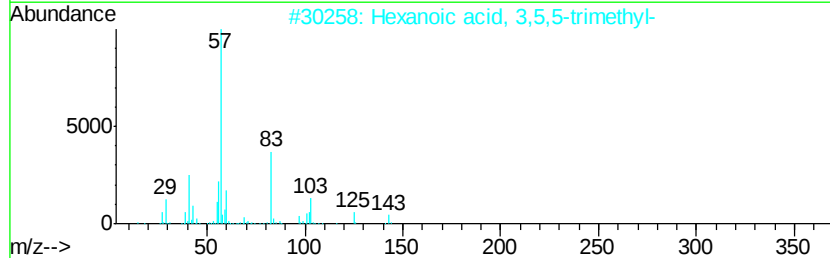
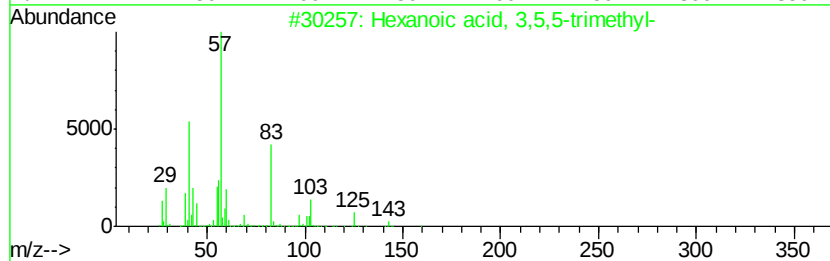
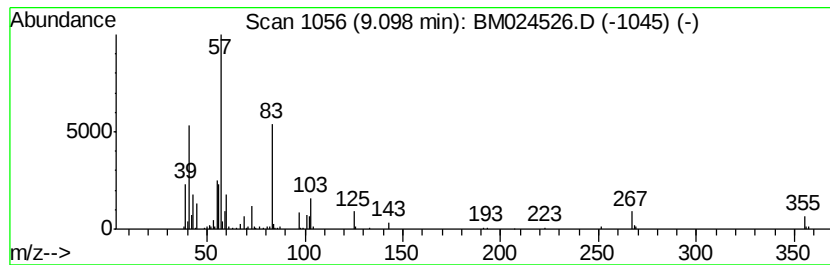
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Hexanoic acid, 3,5,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	5.34 ng/ul	502501	Naphthalene-d8	10.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	72
2		Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	72
3		3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	64
4		Hexanoic acid, 3,5,5-trimethyl-,...	512	C30H56O6	056554-53-1	62
5		Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	49



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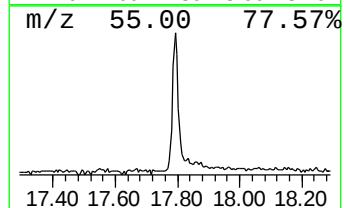
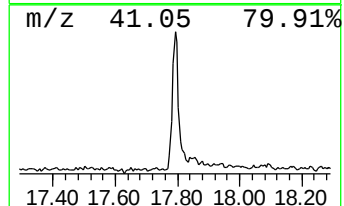
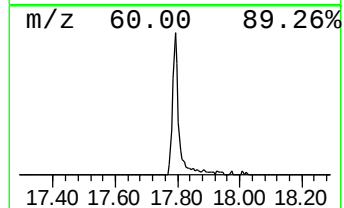
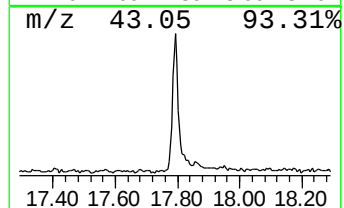
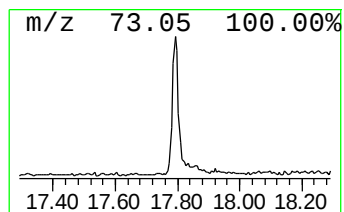
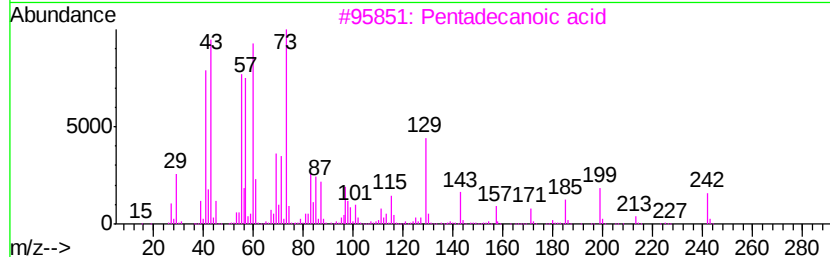
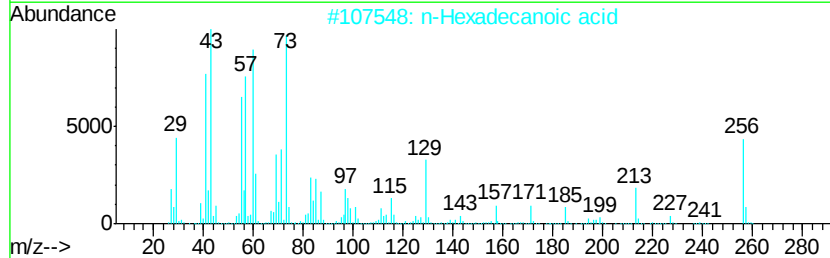
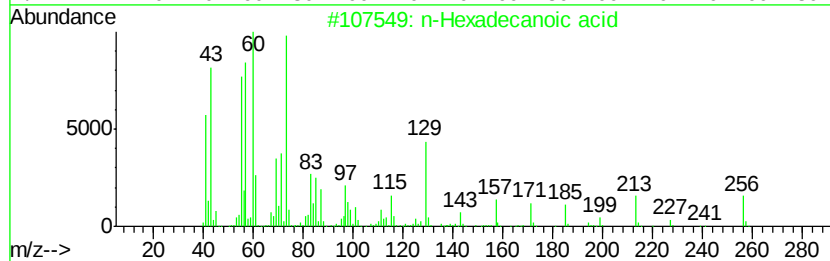
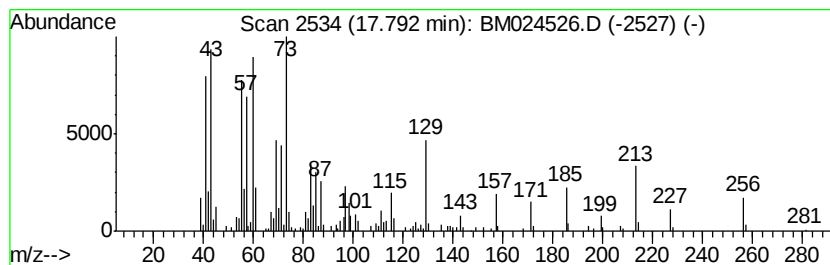
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.13 ng/ul	402986	Phenanthrene-d10	16.85

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	97	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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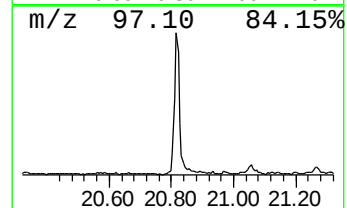
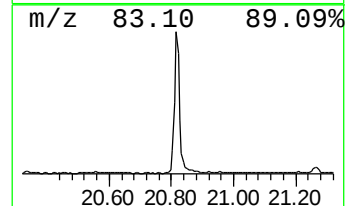
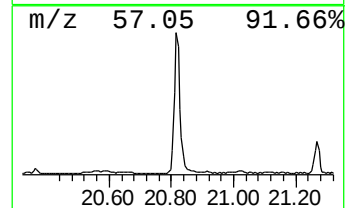
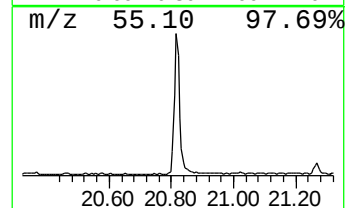
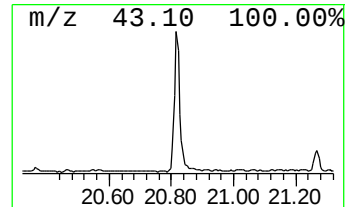
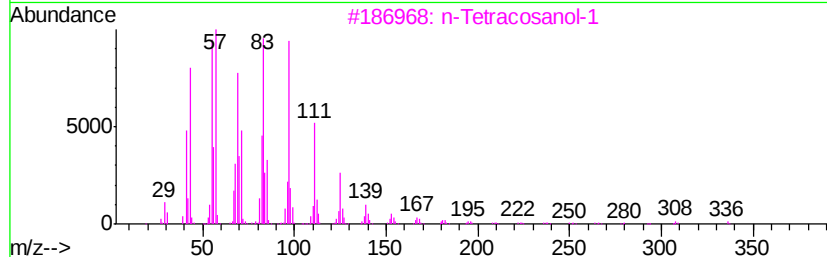
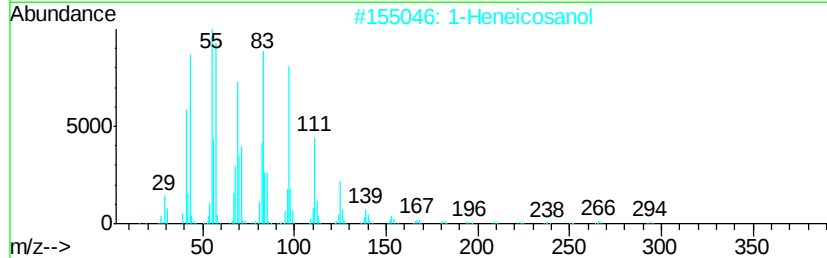
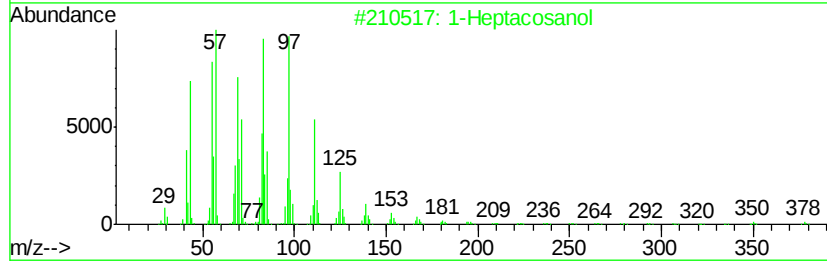
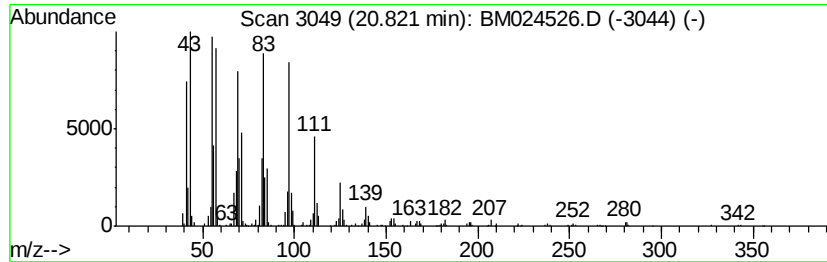
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	4.23 ng/ul	958954	Chrysene-d12	21.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	95
2	1-Heneicosanol		312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	95
4	Behenic alcohol		326	C22H46O	000661-19-8	95
5	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\
Data File : BM024526.D
Acq On : 18 Jan 2020 09:27
Operator : JU
Sample : L1169-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF771

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
Triethyl phosphate	8.94	9.1	ng/ul	852319	2	10.22	1882930	20.0
Hexanoic acid, 3,...	9.10	5.3	ng/ul	502501	2	10.22	1882930	20.0
n-Hexadecanoic acid	17.79	2.1	ng/ul	402986	4	16.85	3776830	20.0
1-Heptacosanol	20.82	4.2	ng/ul	958954	5	21.06	4536680	20.0