

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
 Data File : BM019774.D
 Acq On : 06 Apr 2019 06:11
 Operator : JU/SJ
 Sample : K2217-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF607

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-BM032219MA.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	3.116	19	22	34	rVB	28362	53178	2.01%	0.139%
2	4.163	196	200	212	rVB7	8189	17768	0.67%	0.046%
3	4.710	289	293	297	rBV4	4711	7547	0.29%	0.020%
4	4.745	297	299	304	rVV4	8366	13030	0.49%	0.034%
5	5.222	378	380	385	rVB3	2758	3080	0.12%	0.008%
6	6.751	634	640	662	rBV	292844	618220	23.41%	1.614%
7	6.916	662	668	681	rBV	262833	489393	18.53%	1.278%
8	7.092	692	698	712	rBV	381289	656928	24.87%	1.715%
9	7.557	771	777	787	rBV	624348	1001535	37.92%	2.615%
10	7.628	787	789	795	rVB4	8120	10999	0.42%	0.029%
11	7.869	825	830	833	rBV4	1847	3262	0.12%	0.009%
12	8.281	893	900	915	rBV	360277	697259	26.40%	1.821%
13	8.410	920	922	928	rVB4	3221	4655	0.18%	0.012%
14	8.733	970	977	990	rBV	342078	656992	24.88%	1.716%
15	8.845	993	996	1000	rVV5	2725	3985	0.15%	0.010%
16	9.045	1026	1030	1036	rVB	14803	21462	0.81%	0.056%
17	9.445	1092	1098	1111	rBV	296169	549305	20.80%	1.434%
18	9.710	1138	1143	1153	rBV5	16749	55211	2.09%	0.144%
19	9.975	1181	1188	1205	rBV	373056	807693	30.58%	2.109%
20	10.333	1242	1249	1264	rVB	941822	1581966	59.90%	4.131%
21	10.510	1272	1279	1297	rBV	305022	725596	27.47%	1.895%
22	11.745	1486	1489	1494	rVB2	2459	2980	0.11%	0.008%
23	11.910	1512	1517	1520	rBV4	4761	8318	0.31%	0.022%
24	11.957	1521	1525	1528	rVB3	2761	4781	0.18%	0.012%
25	12.033	1534	1538	1545	rVB4	3032	5596	0.21%	0.015%
26	12.257	1571	1576	1580	rBV3	1477	2960	0.11%	0.008%
27	12.498	1612	1617	1634	rBV2	23166	64418	2.44%	0.168%
28	12.927	1688	1690	1695	rBV3	2332	2757	0.10%	0.007%
29	13.016	1700	1705	1709	rBV3	4179	6667	0.25%	0.017%
30	13.604	1800	1805	1806	rBV3	2728	4426	0.17%	0.012%
31	13.639	1806	1811	1816	rVV	906314	1298341	49.16%	3.390%
32	13.692	1816	1820	1832	rVB	157530	247859	9.39%	0.647%
33	13.868	1845	1850	1852	rBV3	36645	55931	2.12%	0.146%
34	13.910	1852	1857	1868	rVB	1012864	1572550	59.55%	4.106%

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35	14.015	1873	1875	1879	rVB3	2935	3078	0.12%	0.008%
36	14.104	1885	1890	1892	rBV4	3742	5623	0.21%	0.015%
37	14.221	1903	1910	1918	rBV2	1392146	2157810	81.71%	5.635%
38	14.274	1918	1919	1923	rVB	3798	3720	0.14%	0.010%
39	14.492	1949	1956	1978	rBV	108868	419542	15.89%	1.096%
40	14.663	1978	1985	2000	rVV	680469	1054465	39.93%	2.753%
41	14.992	2037	2041	2048	rVB5	5366	11577	0.44%	0.030%
42	15.062	2050	2053	2058	rVB3	7315	8516	0.32%	0.022%
43	15.127	2058	2064	2068	rBV	64171	78781	2.98%	0.206%
44	15.221	2074	2080	2098	rVB	1349041	1980916	75.01%	5.173%
45	15.374	2101	2106	2118	rBV	273238	467646	17.71%	1.221%
46	15.468	2118	2122	2129	rVB3	18670	30893	1.17%	0.081%
47	15.621	2146	2148	2153	rVB6	3909	5802	0.22%	0.015%
48	15.680	2155	2158	2162	rVB5	2943	4324	0.16%	0.011%
49	15.780	2170	2175	2181	rVB8	9140	18687	0.71%	0.049%
50	15.921	2196	2199	2202	rBV3	7979	11275	0.43%	0.029%
51	15.962	2204	2206	2211	rVV3	6331	8151	0.31%	0.021%
52	16.009	2211	2214	2218	rVB4	4670	5929	0.22%	0.015%
53	16.057	2218	2222	2226	rBV2	7695	11207	0.42%	0.029%
54	16.115	2228	2232	2237	rVB5	9536	17963	0.68%	0.047%
55	16.180	2237	2243	2248	rBV3	11017	19257	0.73%	0.050%
56	16.268	2255	2258	2259	rBV2	5319	4832	0.18%	0.013%
57	16.327	2265	2268	2272	rVB4	3974	4440	0.17%	0.012%
58	16.386	2272	2278	2294	rBV2	225160	389385	14.74%	1.017%
59	16.527	2299	2302	2307	rVB6	14528	22600	0.86%	0.059%
60	16.627	2317	2319	2321	rBV3	2372	3075	0.12%	0.008%
61	16.721	2332	2335	2339	rBV4	6113	8411	0.32%	0.022%
62	16.774	2339	2344	2353	rVB5	24884	44573	1.69%	0.116%
63	16.892	2358	2364	2366	rBV6	6922	13058	0.49%	0.034%
64	16.980	2373	2379	2390	rBV2	1769102	2515799	95.26%	6.569%
65	17.080	2390	2396	2405	rBV2	1462516	2078708	78.71%	5.428%
66	17.268	2425	2428	2432	rVB2	36133	39629	1.50%	0.103%
67	17.321	2432	2437	2441	rBV	48871	62890	2.38%	0.164%
68	17.456	2458	2460	2466	rVB6	7828	10051	0.38%	0.026%
69	17.645	2490	2492	2496	rVB5	6039	5304	0.20%	0.014%
70	17.874	2526	2531	2541	rBV	568837	862697	32.67%	2.253%
71	18.592	2649	2653	2657	rBV	57495	63950	2.42%	0.167%

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72	18.639	2657	2661	2664	rVB	66327	75437	2.86%	0.197%
73	18.798	2685	2688	2692	rBV6	18651	21753	0.82%	0.057%
74	19.021	2722	2726	2728	rBV2	35517	48480	1.84%	0.127%
75	19.168	2746	2751	2766	rBV	442282	762256	28.86%	1.990%
76	19.392	2783	2789	2794	rBV	1676834	2344319	88.77%	6.122%
77	19.450	2795	2799	2807	rVB	375479	597097	22.61%	1.559%
78	19.727	2842	2846	2849	rBV	463785	483500	18.31%	1.263%
79	19.762	2849	2852	2858	rVB	461603	500193	18.94%	1.306%
80	19.921	2876	2879	2883	rVB	81680	89490	3.39%	0.234%
81	20.421	2960	2964	2968	rBV	120010	156544	5.93%	0.409%
82	20.703	3009	3012	3015	rBV	111142	110542	4.19%	0.289%
83	20.739	3015	3018	3021	rVV	93463	95986	3.63%	0.251%
84	20.892	3040	3044	3055	rBV	583641	845991	32.03%	2.209%
85	21.091	3075	3078	3083	rBV	103980	114897	4.35%	0.300%
86	21.191	3090	3095	3100	rBV	2051659	2640932	100.00%	6.896%
87	21.321	3115	3117	3121	rBV	103682	101715	3.85%	0.266%
88	21.750	3186	3190	3192	rBV	158612	189974	7.19%	0.496%
89	22.197	3263	3266	3272	rVB	192505	223687	8.47%	0.584%
90	22.686	3346	3349	3354	rVB	229873	311788	11.81%	0.814%
91	23.250	3438	3445	3453	rVB2	1029987	2099854	79.51%	5.483%
92	23.391	3463	3469	3480	rVB	1254640	2350674	89.01%	6.138%
93	23.856	3544	3548	3554	rVB	235884	419938	15.90%	1.097%

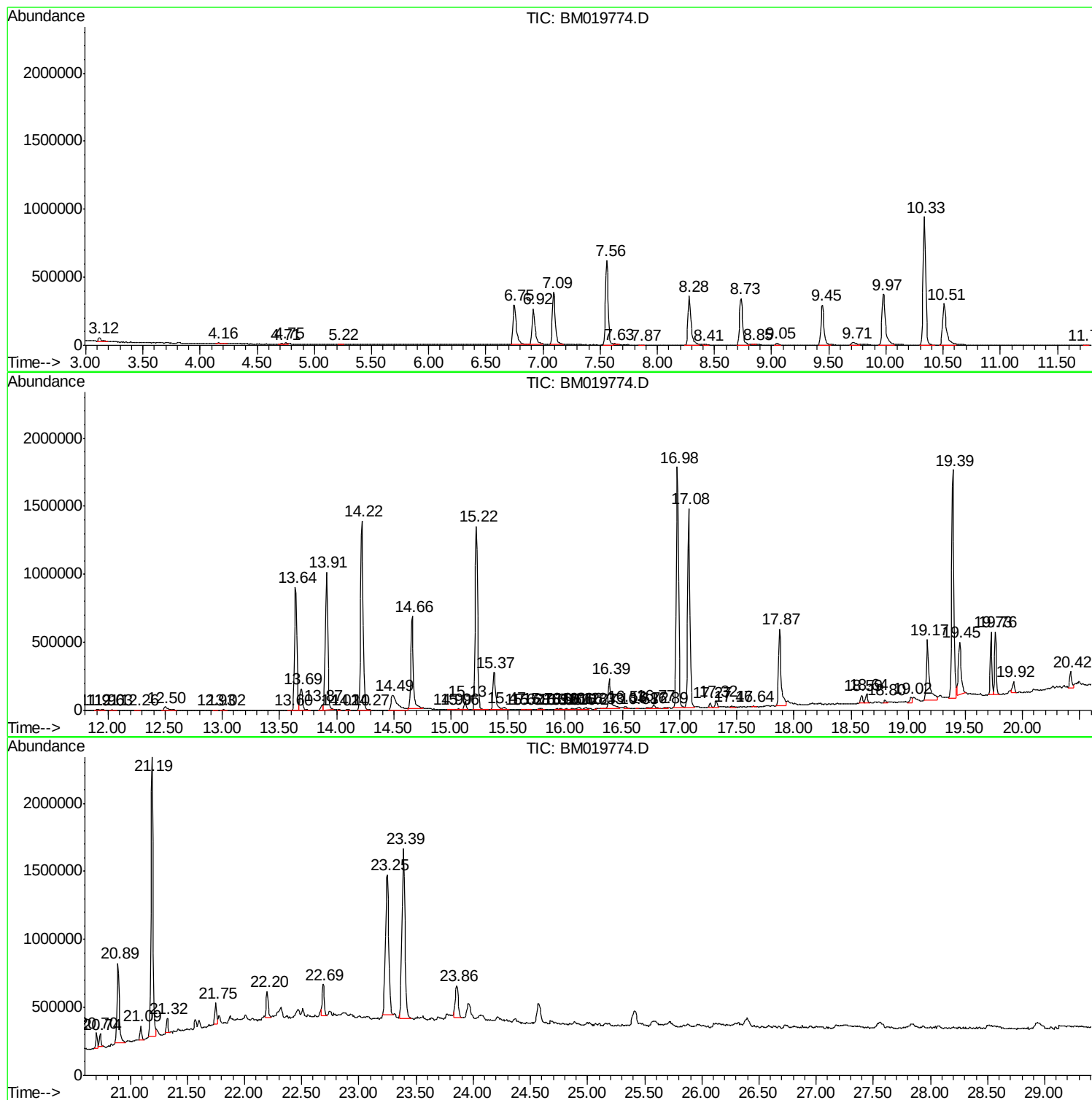
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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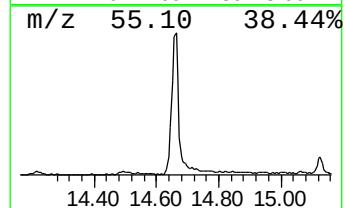
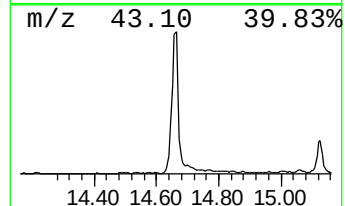
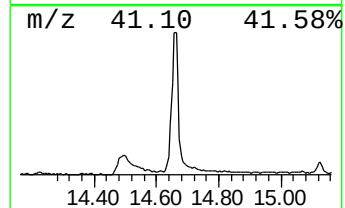
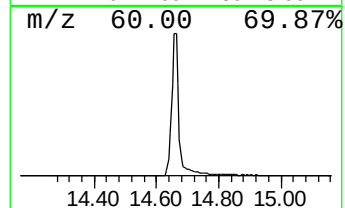
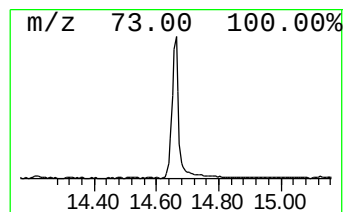
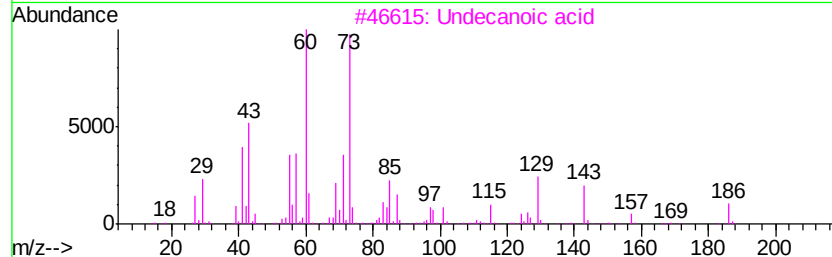
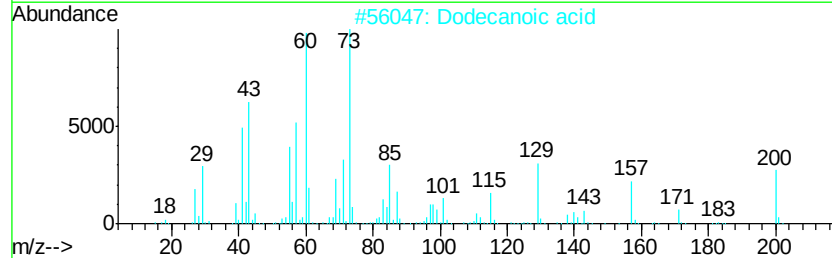
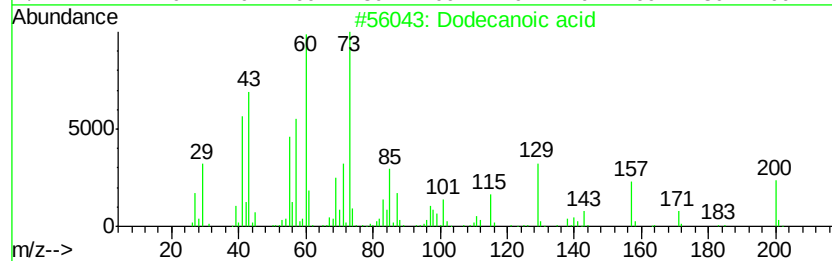
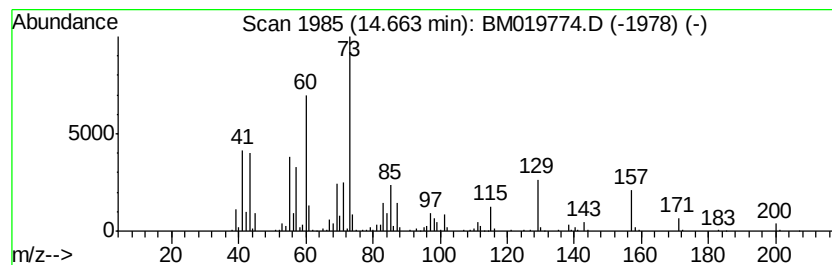
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	9.77 ng/ul	1054470	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	90
2	Dodecanoic acid	200 C12H24O2	000143-07-7	81
3	Undecanoic acid	186 C11H22O2	000112-37-8	64
4	Dodecanoic acid	200 C12H24O2	000143-07-7	62
5	Dodecanoic acid	200 C12H24O2	000143-07-7	58



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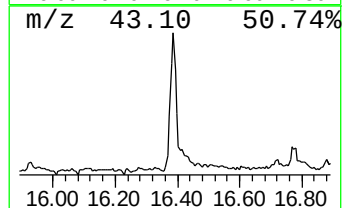
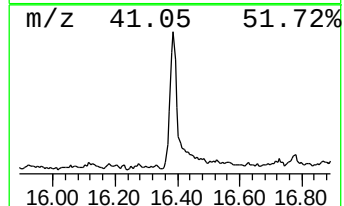
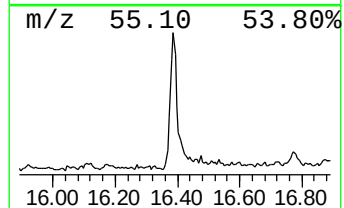
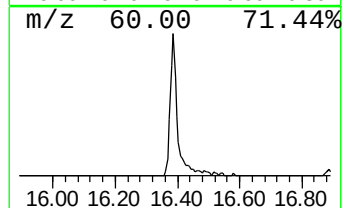
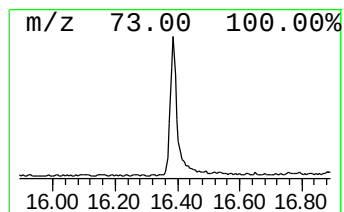
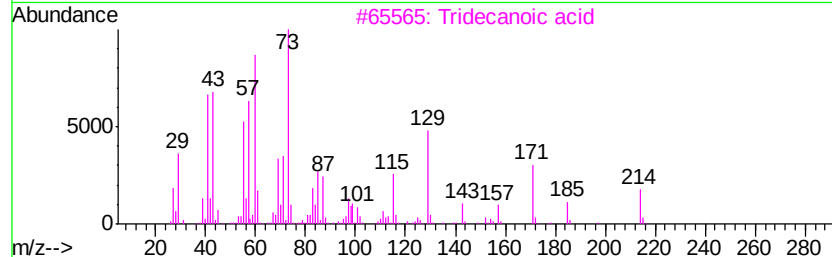
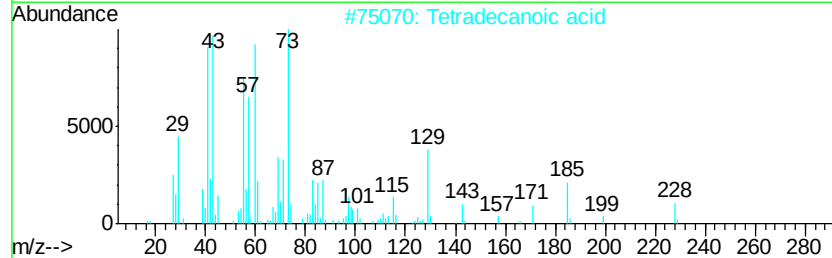
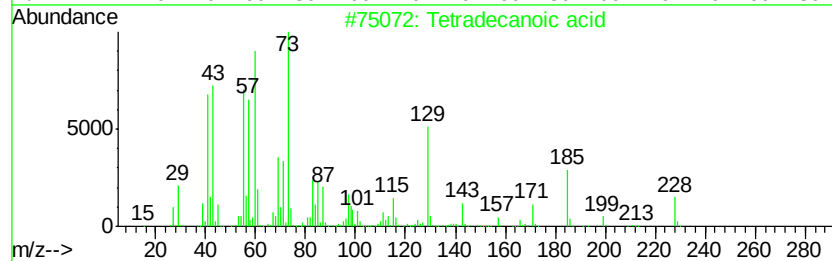
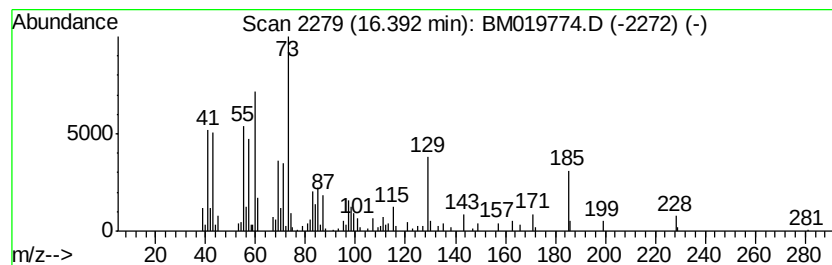
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.39	3.10 ng/ul	389385	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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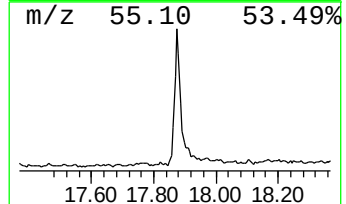
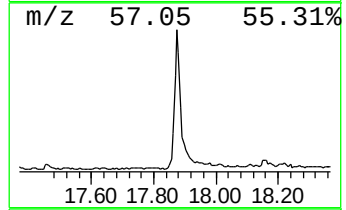
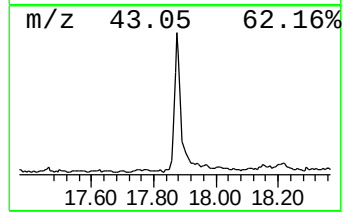
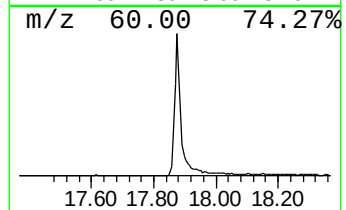
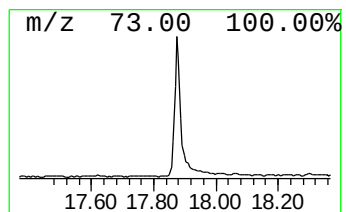
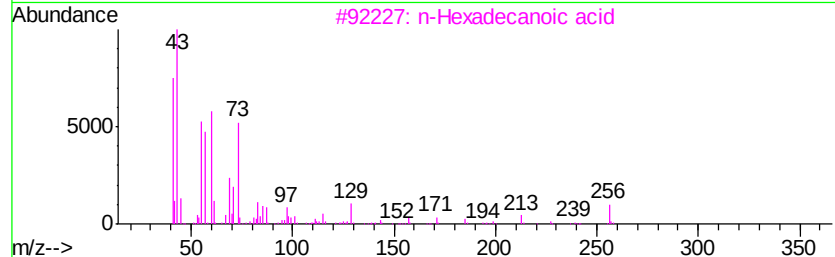
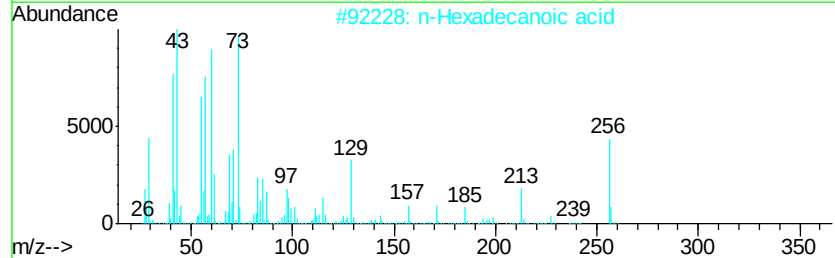
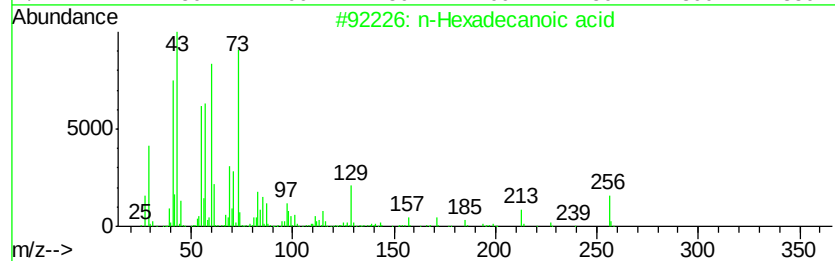
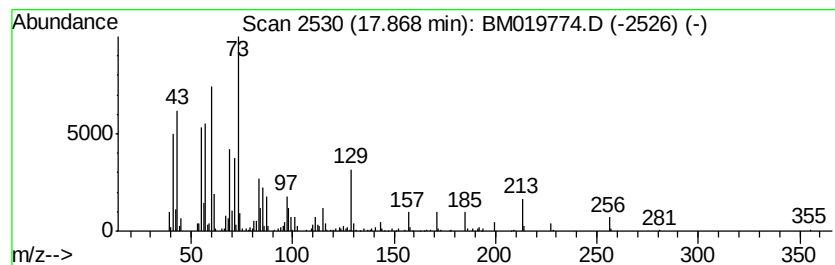
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.86 ng/ul	862697	Phenanthrene-d10	16.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	90
4	Tridecanoic acid	214 C13H26O2	000638-53-9	81
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	80



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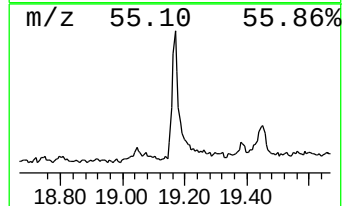
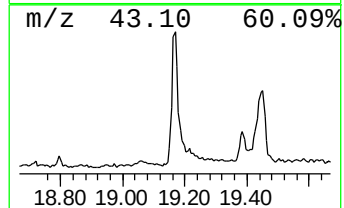
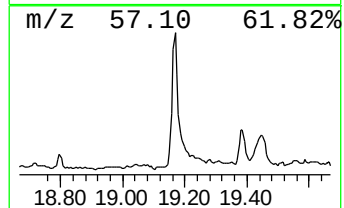
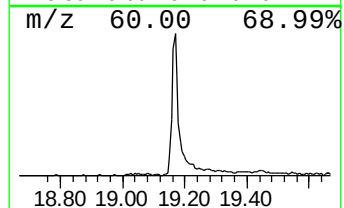
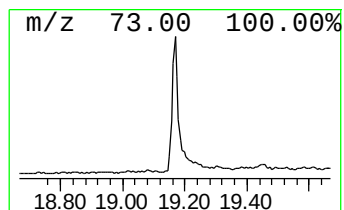
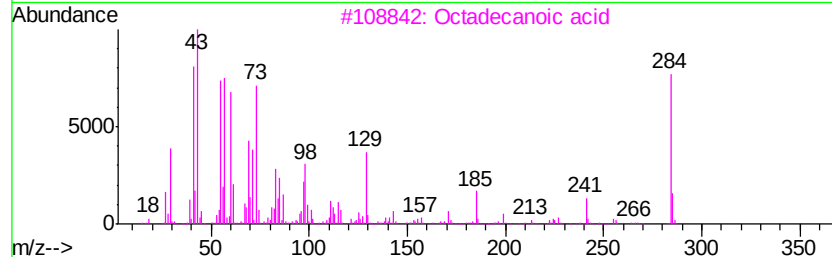
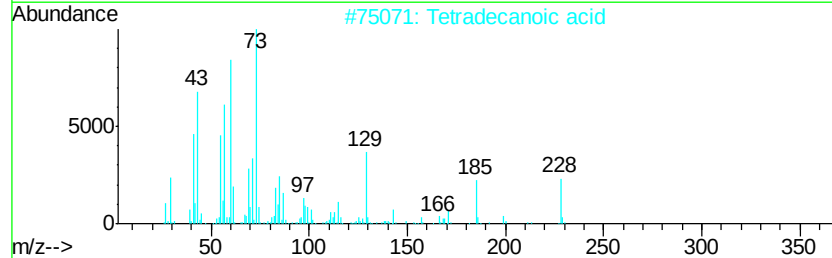
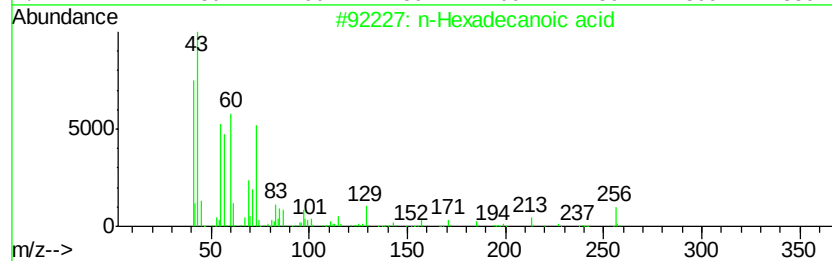
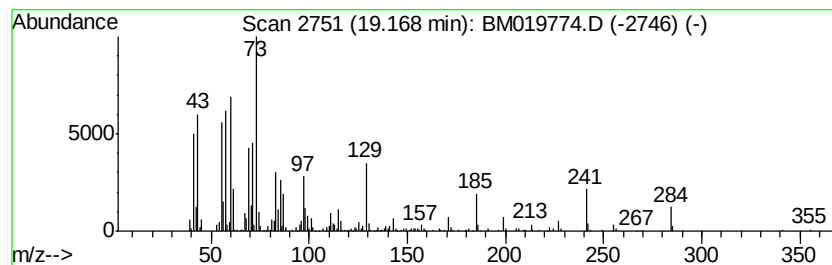
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	5.77 ng/ul	762256	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3		Octadecanoic acid	284	C18H36O2	000057-11-4	74
4		Octadecanoic acid	284	C18H36O2	000057-11-4	70
5		Octadecanoic acid	284	C18H36O2	000057-11-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019774.D
Acq On : 06 Apr 2019 06:11
Operator : JU/SJ
Sample : K2217-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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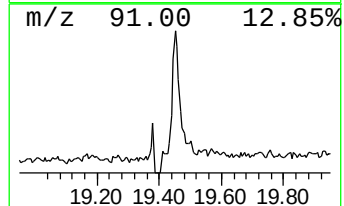
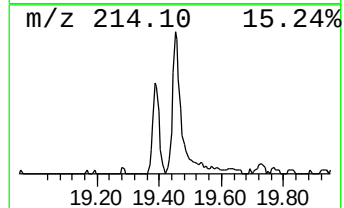
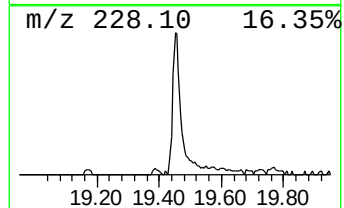
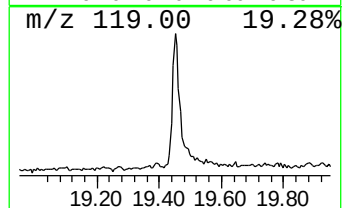
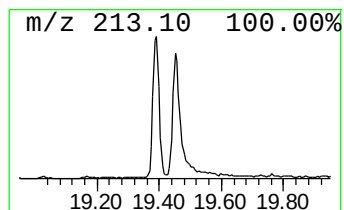
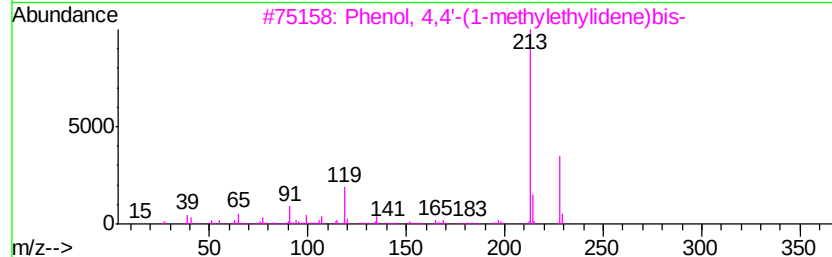
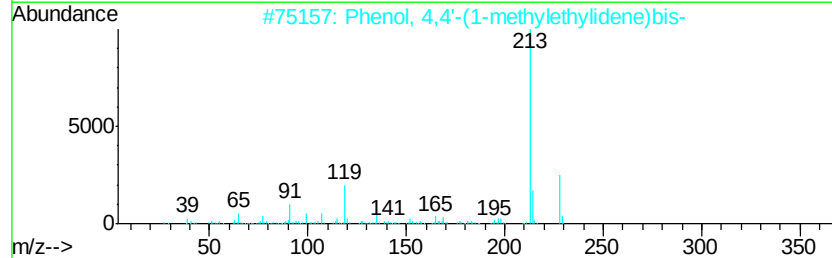
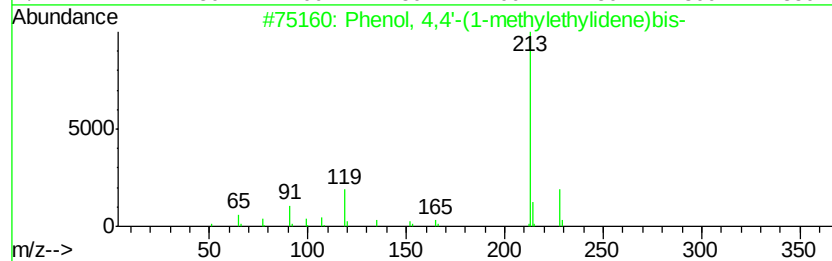
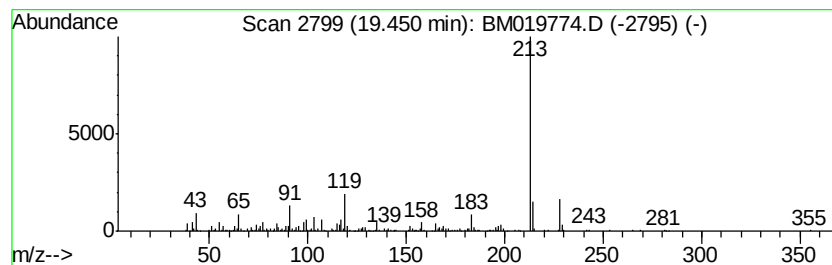
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	4.52 ng/ul	597097	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98	
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95	
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90	
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	62	
5	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	59	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
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Acq On : 06 Apr 2019 06:11
Operator : JU/SJ
Sample : K2217-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

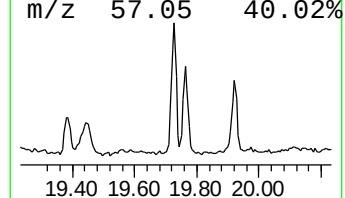
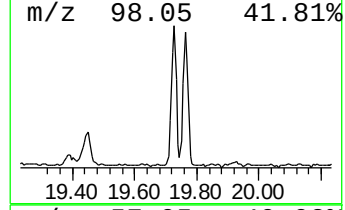
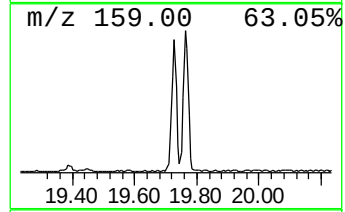
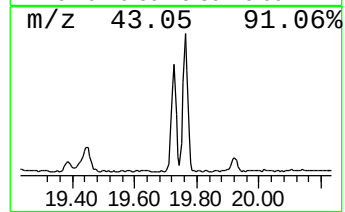
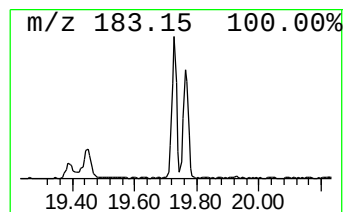
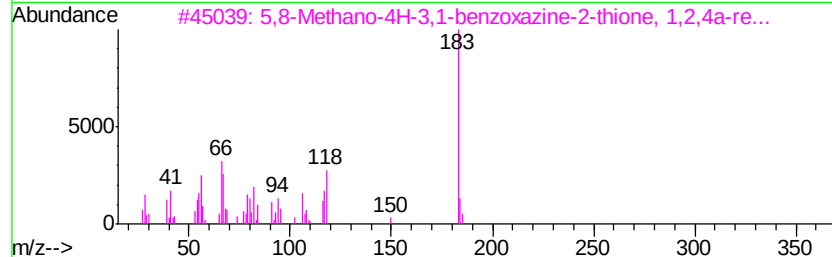
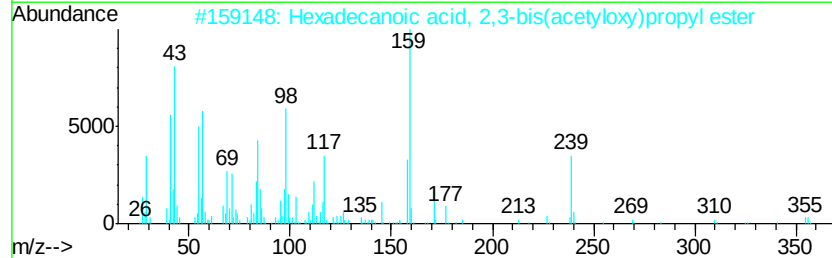
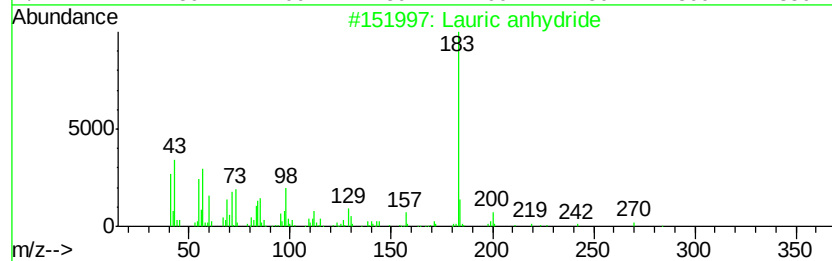
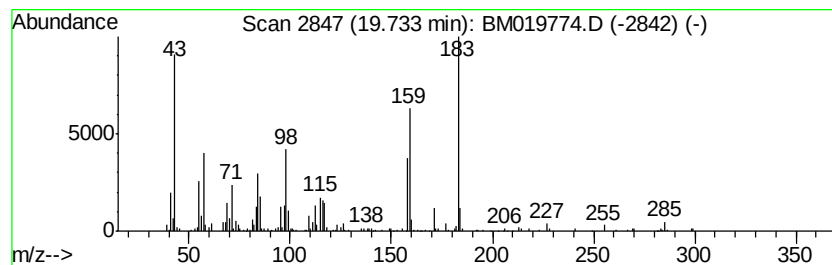
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	3.66 ng/ul	483500	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Lauric anhydride	382 C24H46O3	000645-66-9	38
2	Hexadecanoic acid, 2,3-bis(acety...	414 C23H42O6	055268-70-7	35
3	5,8-Methano-4H-3,1-benzoxazine-2...	183 C9H13NOS	1000142-76-7	27
4	4-Nitrophenyl laurate	321 C18H27NO4	001956-11-2	25
5	3-Dibenzofuranamine	183 C12H9NO	004106-66-5	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019774.D
Acq On : 06 Apr 2019 06:11
Operator : JU/SJ
Sample : K2217-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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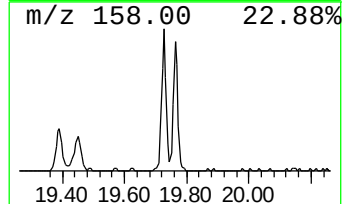
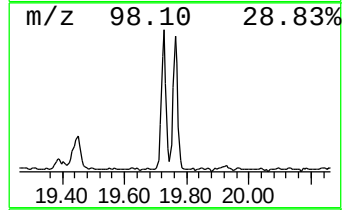
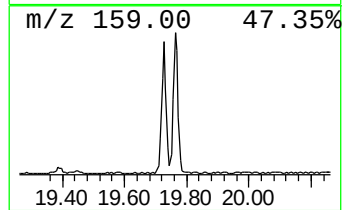
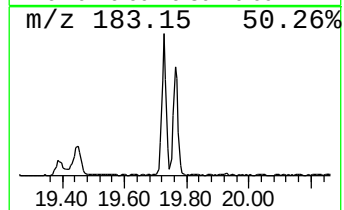
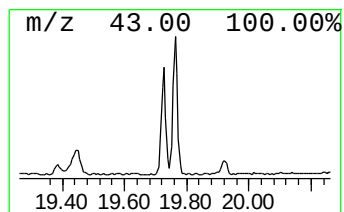
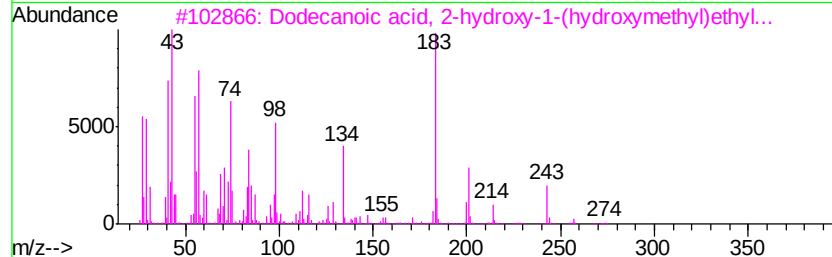
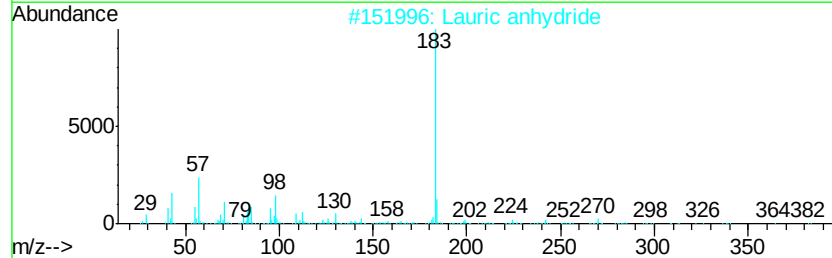
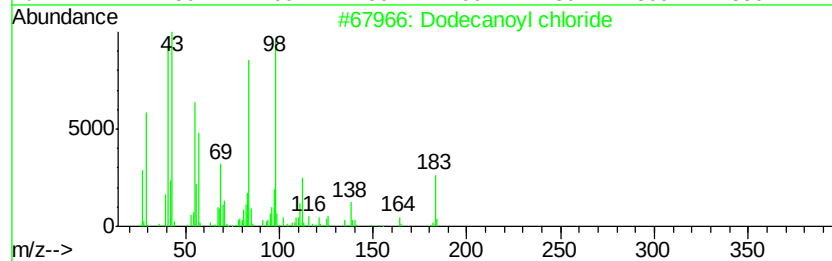
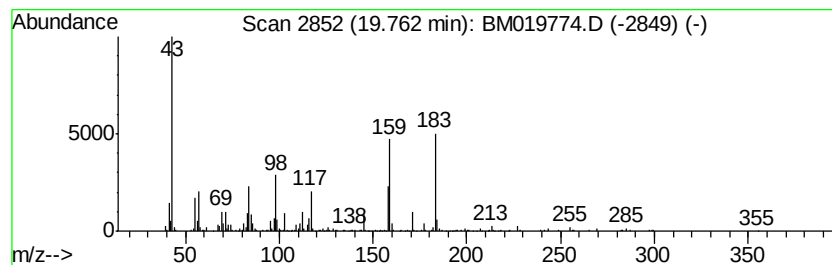
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.79 ng/ul	500193	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
2		Lauric anhydride	382	C24H46O3	000645-66-9	16
3		Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	12
4		4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	10
5		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
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Sample : K2217-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

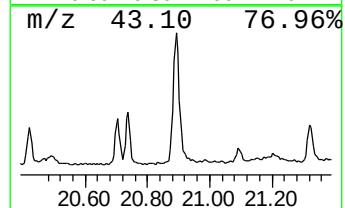
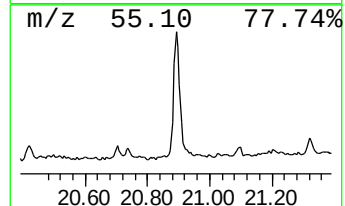
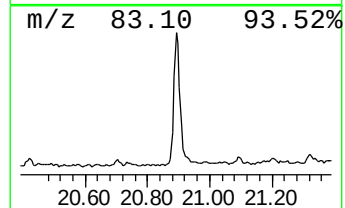
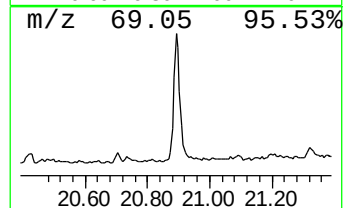
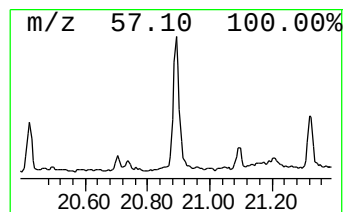
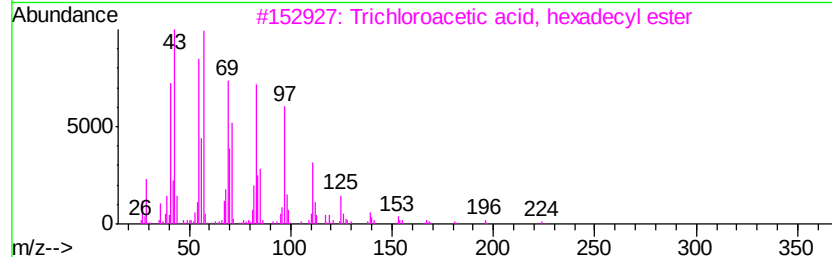
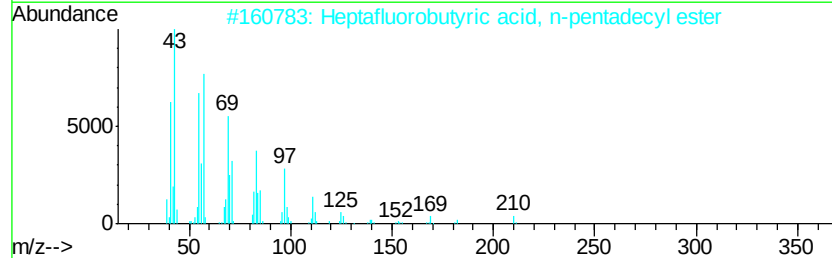
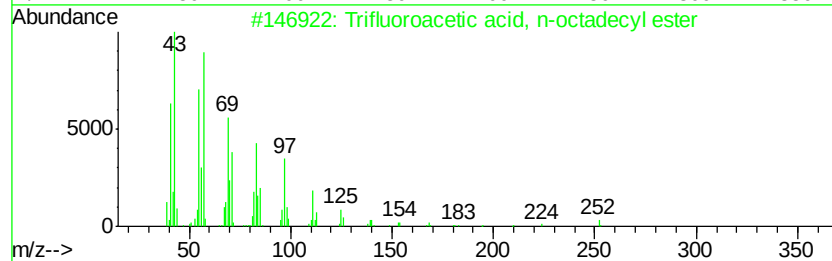
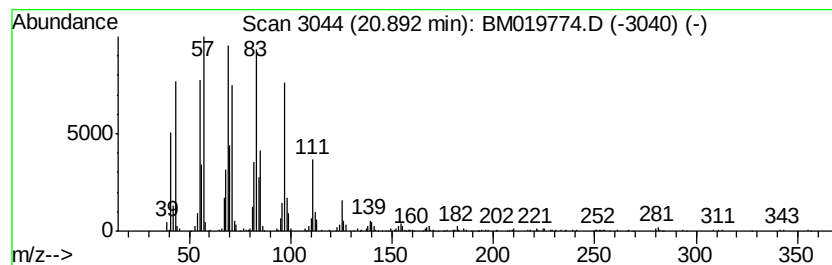
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Trifluoroacetic acid, n-oct... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	6.41 ng/ul	845991	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	90
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
5		Cyclotridecane	182	C13H26	000295-02-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019774.D
Acq On : 06 Apr 2019 06:11
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Sample : K2217-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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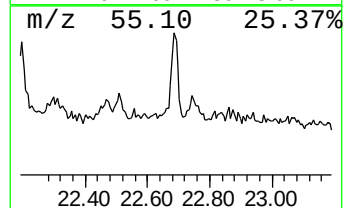
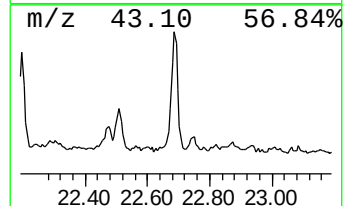
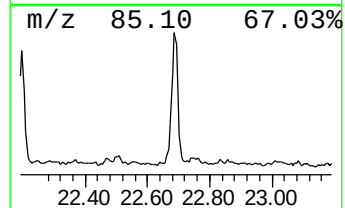
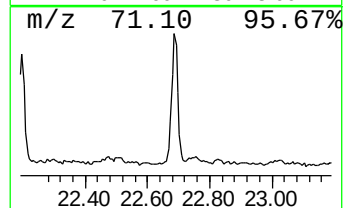
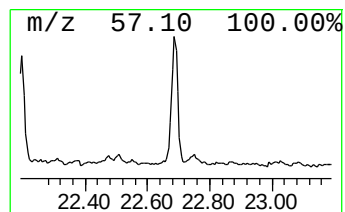
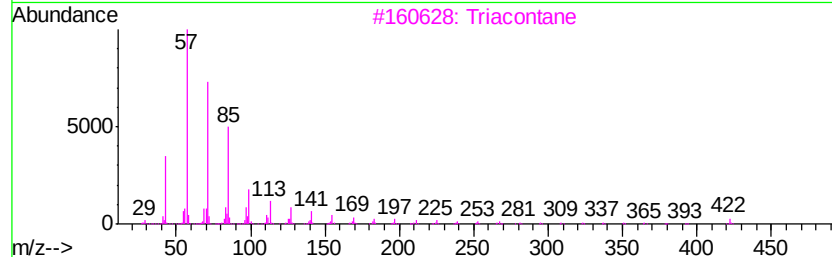
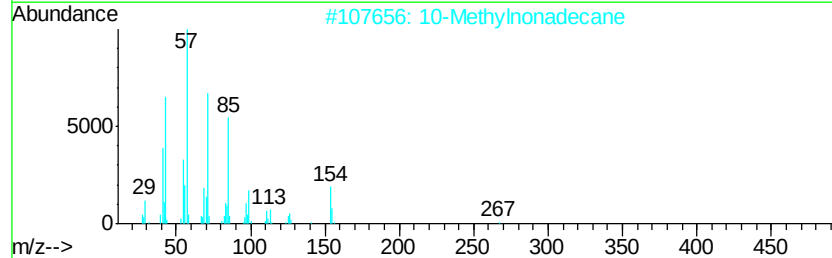
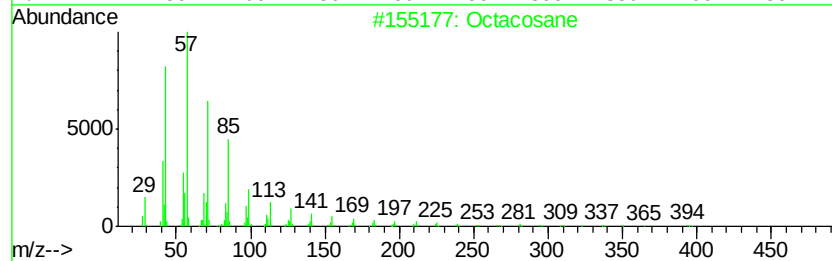
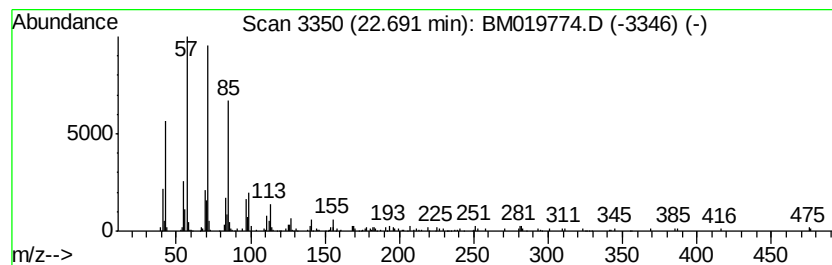
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.65 ng/ul	311788	Perylene-d12	23.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			10-Methylnonadecane	282	C20H42	056862-62-5	90
3			Triacontane	422	C30H62	000638-68-6	90
4			Hexadecane	226	C16H34	000544-76-3	86
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
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ALS Vial : 34 Sample Multiplier: 1

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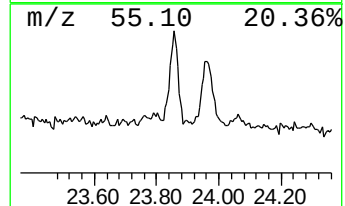
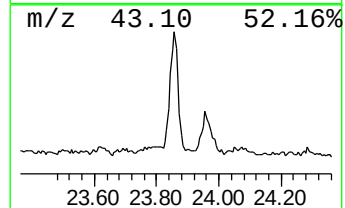
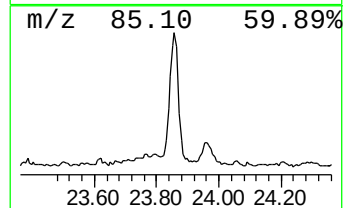
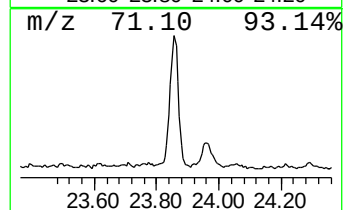
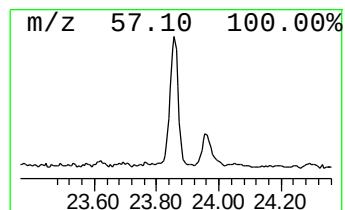
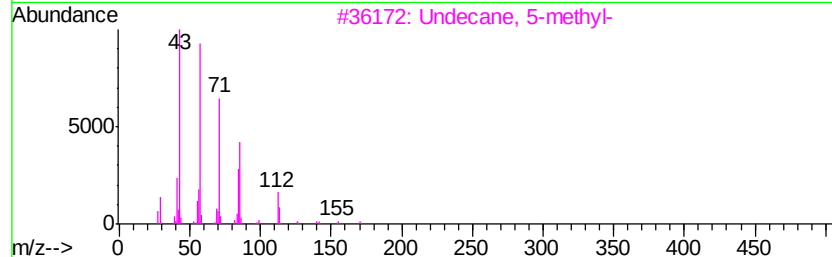
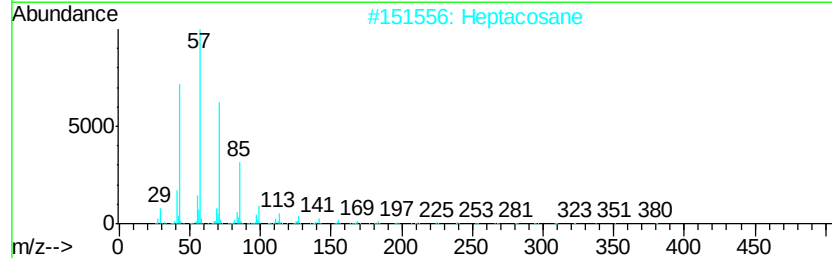
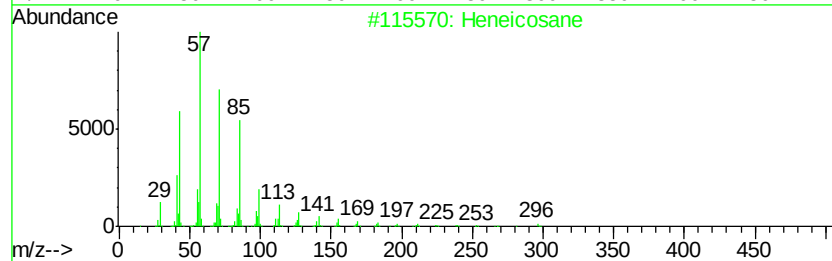
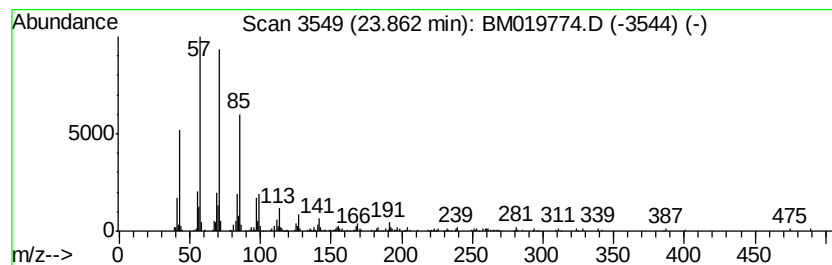
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.57 ng/ul	419938	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Heptacosane	380	C27H56	000593-49-7	83
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	83
4		Tetradecane	198	C14H30	000629-59-4	80
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019774.D
Acq On : 06 Apr 2019 06:11
Operator : JU/SJ
Sample : K2217-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF607

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
Dodecanoic acid	14.66	9.8	ng/ul	1054470	3	14.22	2157810	20.0
Tetradecanoic acid	16.39	3.1	ng/ul	389385	4	16.98	2515800	20.0
n-Hexadecanoic acid	17.87	6.9	ng/ul	862697	4	16.98	2515800	20.0
Octadecanoic acid	19.17	5.8	ng/ul	762256	5	21.19	2640930	20.0
Phenol, 4,4'-(1-m...	19.45	4.5	ng/ul	597097	5	21.19	2640930	20.0
unknown-01	19.73	3.7	ng/ul	483500	5	21.19	2640930	20.0
unknown-02	19.76	3.8	ng/ul	500193	5	21.19	2640930	20.0
Trifluoroacetic a...	20.89	6.4	ng/ul	845991	5	21.19	2640930	20.0
(DEL) Alkane: Str...	22.69	2.6	ng/ul	311788	6	23.39	2350670	20.0
(DEL) Alkane: Str...	23.86	3.6	ng/ul	419938	6	23.39	2350670	20.0