

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024900.D
 Acq On : 14 Feb 2020 19:33
 Operator : CG/JU
 Sample : L1422-21
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AY3

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-BM020620MA.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	3.040	22	26	40	rVB3	34503	97561	2.16%	0.163%
2	3.640	123	128	135	rVV3	14604	32666	0.72%	0.055%
3	3.722	137	142	150	rVB5	11751	25983	0.58%	0.044%
4	3.940	177	179	186	rVB7	6739	10876	0.24%	0.018%
5	4.087	202	204	207	rVB3	5384	4991	0.11%	0.008%
6	4.599	285	291	300	rBV	60795	115067	2.55%	0.193%
7	6.116	545	549	554	rVB6	3589	6251	0.14%	0.010%
8	6.593	620	630	640	rBV	676973	1160858	25.72%	1.945%
9	6.746	650	656	668	rBV	592688	970906	21.51%	1.627%
10	6.934	681	688	697	rBV	802426	1309207	29.01%	2.194%
11	7.110	717	718	724	rVB5	3123	4529	0.10%	0.008%
12	7.393	759	766	779	rBV	1275645	2025448	44.88%	3.394%
13	8.104	881	887	899	rBV	869141	1367965	30.31%	2.292%
14	8.210	900	905	911	rVB	38330	62446	1.38%	0.105%
15	8.528	953	959	970	rBV	668258	1106798	24.52%	1.855%
16	8.722	989	992	997	rVB5	4805	6358	0.14%	0.011%
17	9.016	1038	1042	1049	rVB	30657	42922	0.95%	0.072%
18	9.245	1072	1081	1092	rBV	556297	946198	20.96%	1.585%
19	9.781	1164	1172	1187	rBV	860558	1548451	34.31%	2.595%
20	10.145	1227	1234	1244	rBV	1562836	2602671	57.67%	4.361%
21	10.286	1252	1258	1274	rBV	598964	1220068	27.03%	2.044%
22	11.745	1501	1506	1513	rBV2	12306	22062	0.49%	0.037%
23	12.392	1613	1616	1619	rBV3	4134	4600	0.10%	0.008%
24	12.851	1690	1694	1699	rVB5	3540	6431	0.14%	0.011%
25	12.904	1699	1703	1706	rBV5	3860	5334	0.12%	0.009%
26	12.969	1709	1714	1717	rBV5	13601	20269	0.45%	0.034%
27	13.463	1792	1798	1803	rBV	1565989	2235565	49.53%	3.746%
28	13.510	1803	1806	1816	rVB	226656	308671	6.84%	0.517%
29	13.722	1835	1842	1854	rBV	1853474	2773445	61.45%	4.647%
30	13.886	1865	1870	1878	rBV2	29800	71977	1.59%	0.121%
31	14.039	1889	1896	1906	rVV	2422765	3449316	76.43%	5.780%
32	14.269	1928	1935	1957	rBV	401240	850454	18.84%	1.425%
33	14.486	1969	1972	1982	rVB7	14772	24149	0.54%	0.040%
34	14.804	2022	2026	2027	rBV3	3232	4671	0.10%	0.008%

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35	14.892	2037	2041	2045	rBV3	8735	13609	0.30%	0.023%
36	14.951	2048	2051	2055	rVB4	5119	8145	0.18%	0.014%
37	15.045	2060	2067	2081	rVV	2407890	3413413	75.63%	5.720%
38	15.174	2084	2089	2103	rVV	576887	862465	19.11%	1.445%
39	15.286	2104	2108	2113	rVB2	23922	35550	0.79%	0.060%
40	15.421	2128	2131	2132	rBV3	4901	5092	0.11%	0.009%
41	15.439	2132	2134	2141	rVB7	6983	10615	0.24%	0.018%
42	15.833	2195	2201	2206	rVB8	9066	15816	0.35%	0.027%
43	15.980	2221	2226	2229	rVB5	4375	6885	0.15%	0.012%
44	16.480	2307	2311	2315	rBV4	3593	5087	0.11%	0.009%
45	16.539	2317	2321	2324	rBV5	5259	7346	0.16%	0.012%
46	16.580	2326	2328	2332	rBV2	9875	11590	0.26%	0.019%
47	16.792	2358	2364	2375	rVV	2749233	3909519	86.62%	6.551%
48	16.892	2375	2381	2396	rVV	2582875	3605764	79.89%	6.042%
49	17.021	2400	2403	2409	rVV4	9472	13643	0.30%	0.023%
50	17.074	2411	2412	2417	rBV3	4787	5011	0.11%	0.008%
51	17.227	2433	2438	2443	rBV7	10081	18194	0.40%	0.030%
52	17.515	2480	2487	2489	rBV7	6038	9939	0.22%	0.017%
53	17.592	2497	2500	2501	rBV3	4261	4575	0.10%	0.008%
54	17.674	2510	2514	2519	rBV7	6694	11528	0.26%	0.019%
55	17.739	2519	2525	2539	rBV2	254706	440959	9.77%	0.739%
56	17.857	2544	2545	2551	rVB6	9344	13783	0.31%	0.023%
57	17.962	2558	2563	2570	rBV2	51331	110189	2.44%	0.185%
58	18.174	2596	2599	2602	rBV5	8967	13520	0.30%	0.023%
59	18.415	2639	2640	2648	rVB7	5437	9300	0.21%	0.016%
60	18.545	2660	2662	2667	rBV5	6577	13120	0.29%	0.022%
61	18.609	2669	2673	2677	rVV7	12412	18007	0.40%	0.030%
62	18.692	2683	2687	2688	rBV3	5866	7158	0.16%	0.012%
63	18.751	2694	2697	2698	rBV3	8263	8309	0.18%	0.014%
64	18.768	2698	2700	2705	rVB6	13374	16045	0.36%	0.027%
65	18.833	2708	2711	2714	rBV	28038	35847	0.79%	0.060%
66	18.874	2714	2718	2722	rVB2	14257	25918	0.57%	0.043%
67	19.033	2741	2745	2751	rBV3	64258	100225	2.22%	0.168%
68	19.086	2751	2754	2759	rVB2	28988	43481	0.96%	0.073%
69	19.198	2767	2773	2784	rBV	3189062	4513321	100.00%	7.563%
70	19.774	2868	2871	2874	rVB4	23867	27798	0.62%	0.047%
71	20.762	3035	3039	3054	rBV	892001	1198655	26.56%	2.009%

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72	21.009	3075	3081	3090	rBV	3338463	4346060	96.29%	7.282%
73	21.215	3113	3116	3119	rVB2	111898	109056	2.42%	0.183%
74	21.639	3184	3188	3197	rVB2	413776	566949	12.56%	0.950%
75	22.068	3258	3261	3269	rVB	261350	346743	7.68%	0.581%
76	22.539	3337	3341	3344	rBV	459359	600773	13.31%	1.007%
77	22.574	3344	3347	3354	rVB	317425	453920	10.06%	0.761%
78	22.974	3409	3415	3424	rVB	2710467	4381990	97.09%	7.343%
79	23.062	3426	3430	3432	rVV	309248	475197	10.53%	0.796%
80	23.103	3432	3437	3446	rVB	2528082	4357023	96.54%	7.301%
81	23.656	3526	3531	3536	rVV	341432	594431	13.17%	0.996%
82	23.721	3539	3542	3551	rVB3	260843	431534	9.56%	0.723%

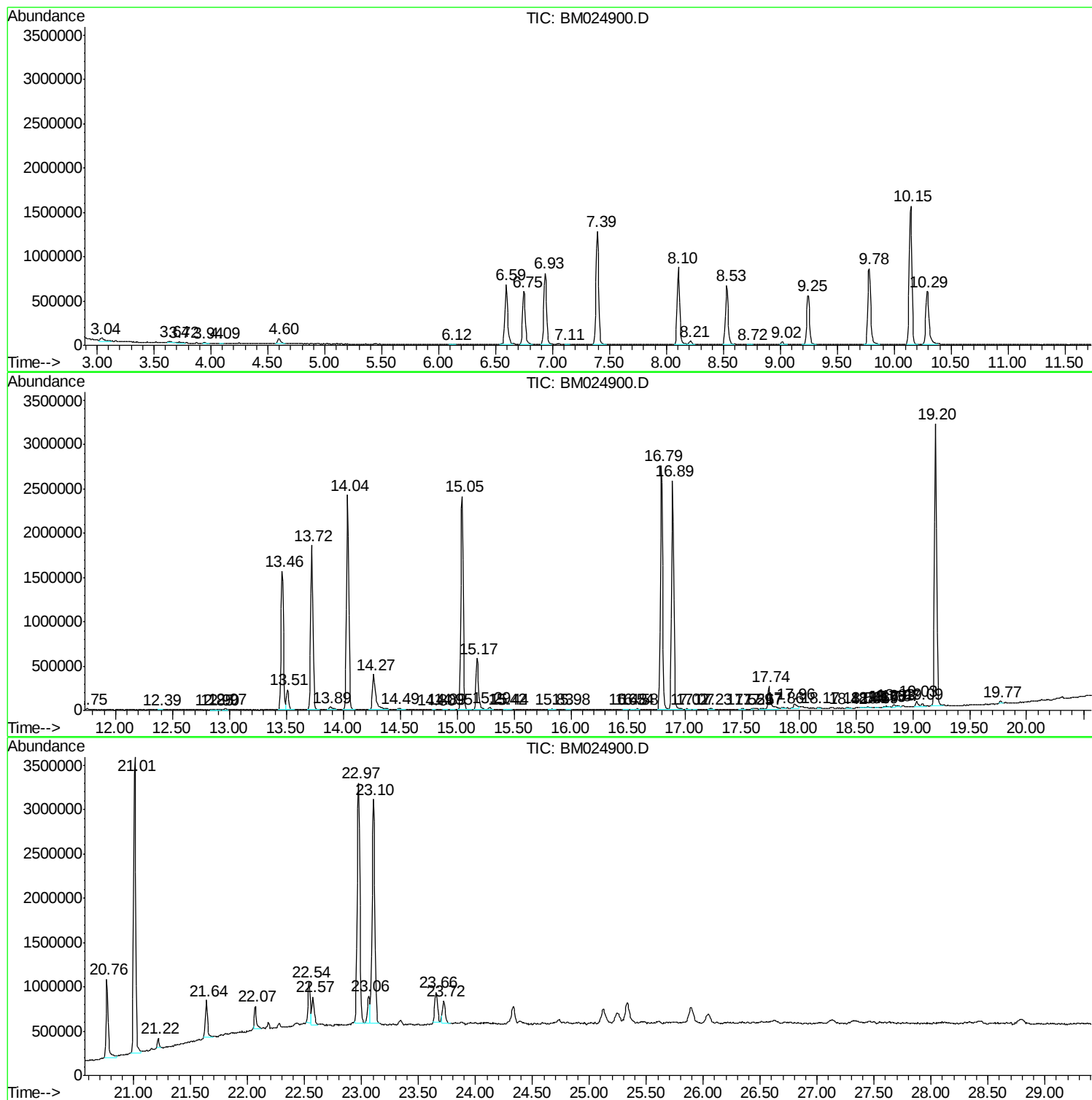
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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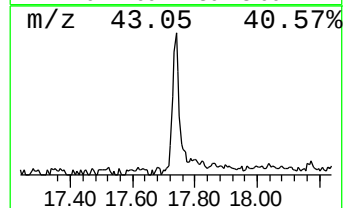
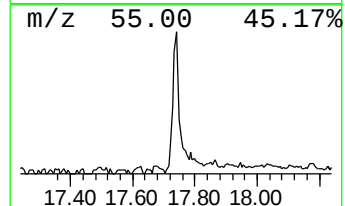
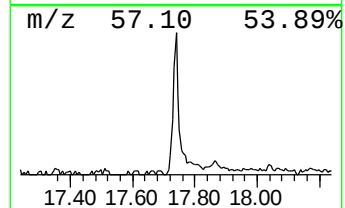
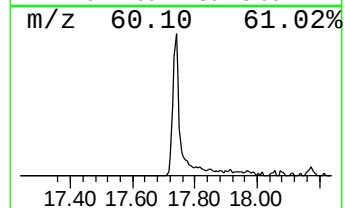
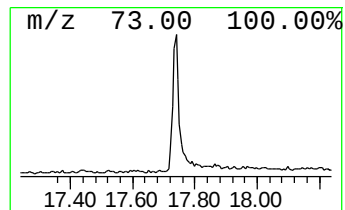
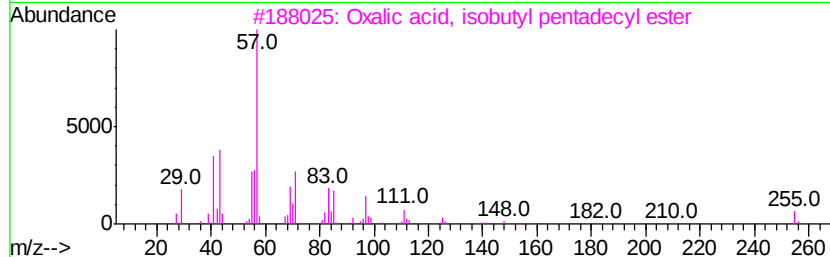
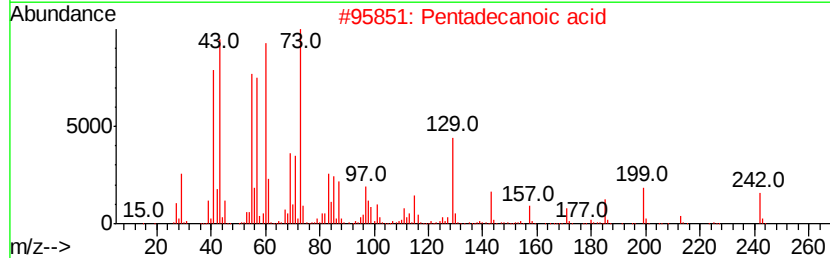
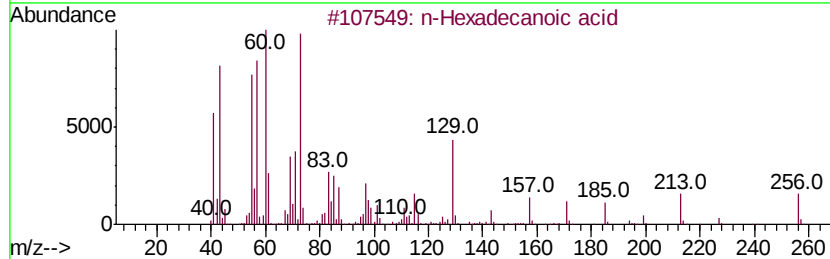
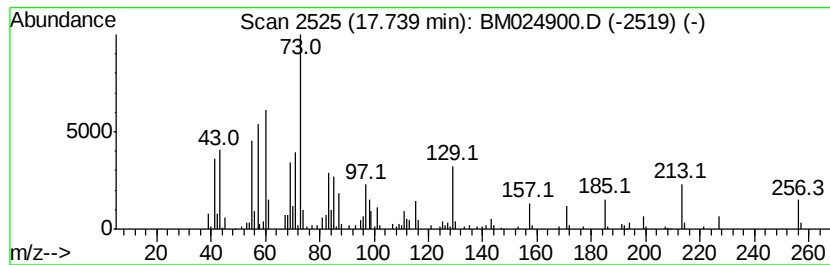
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.74	2.26 ng/ul	440959	Phenanthrene-d10	16.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	27
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25
5	Heneicosane	296	C21H44	000629-94-7	18



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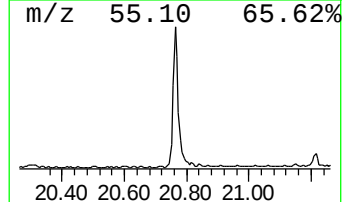
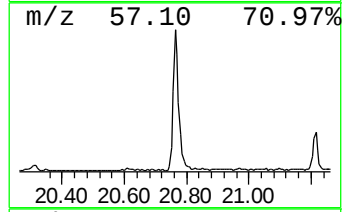
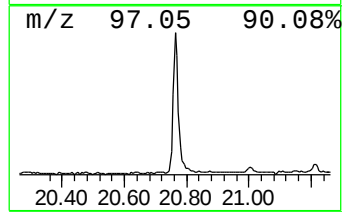
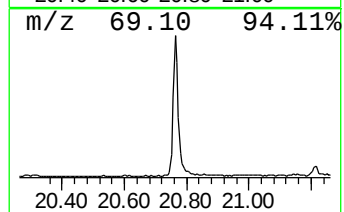
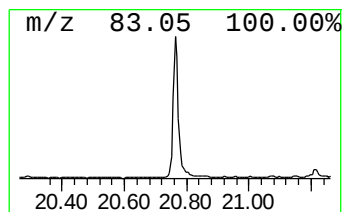
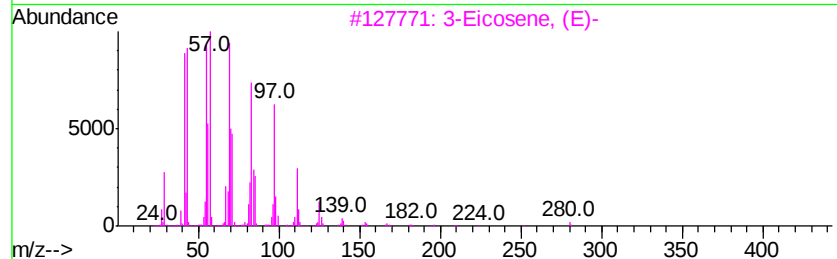
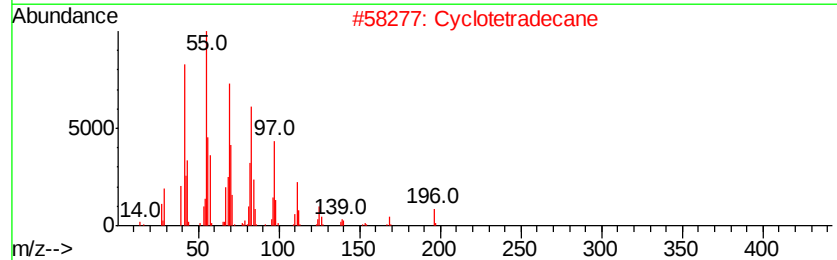
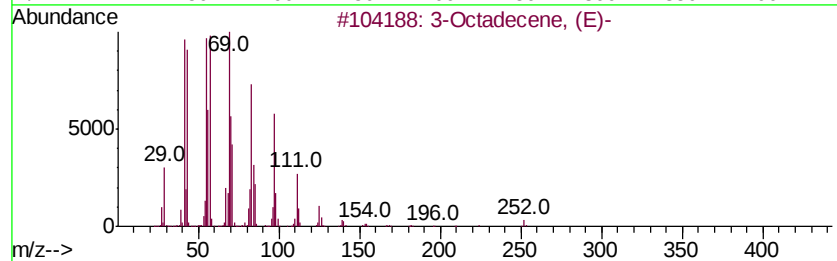
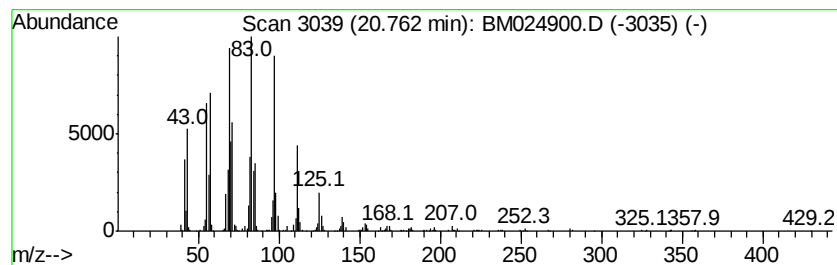
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	5.52 ng/ul	1198660	Chrysene-d12	21.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octadecene, (E)-	252	C18H36	007206-19-1	96
2			Cyclotetradecane	196	C14H28	000295-17-0	94
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			1-Hexadecanol	242	C16H34O	036653-82-4	87
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



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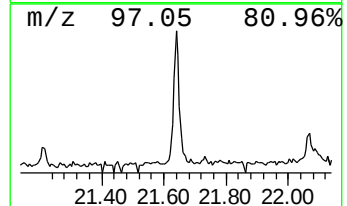
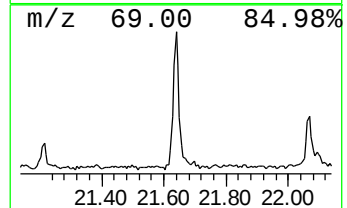
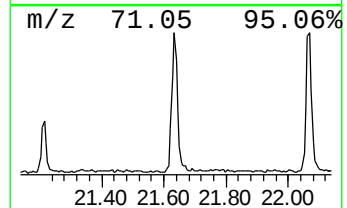
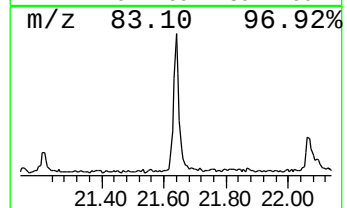
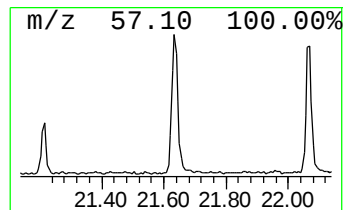
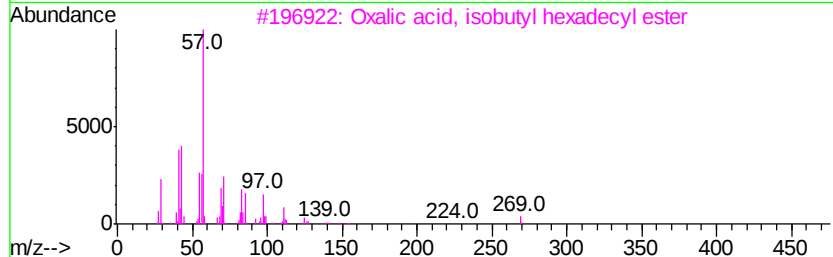
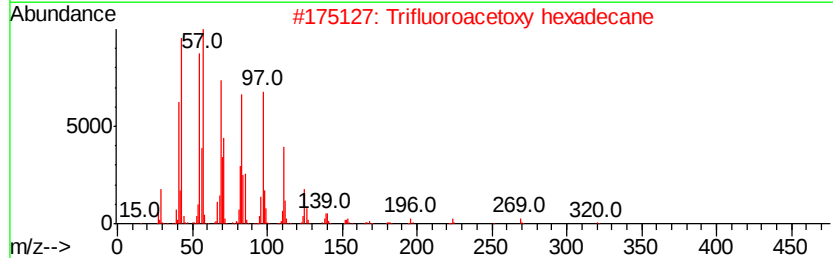
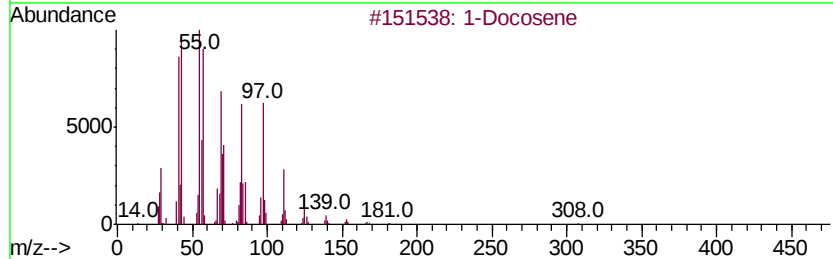
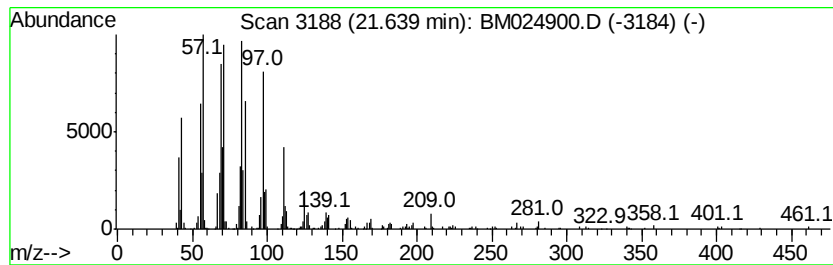
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.61 ng/ul	566949	Chrysene-d12	21.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	83
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
3			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	81
4			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	81
5			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	70



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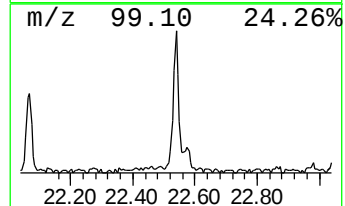
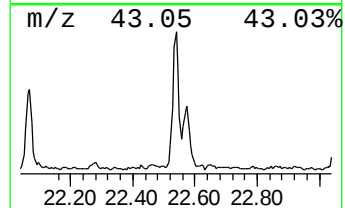
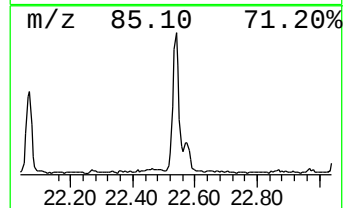
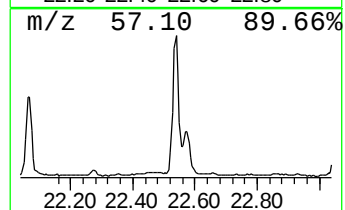
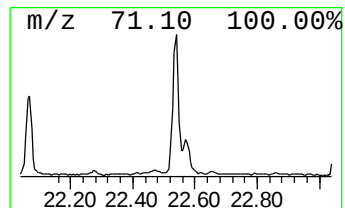
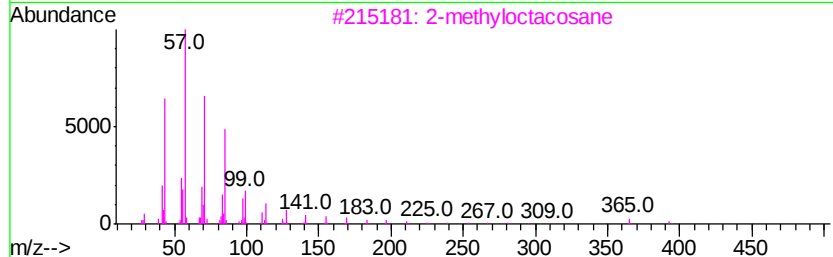
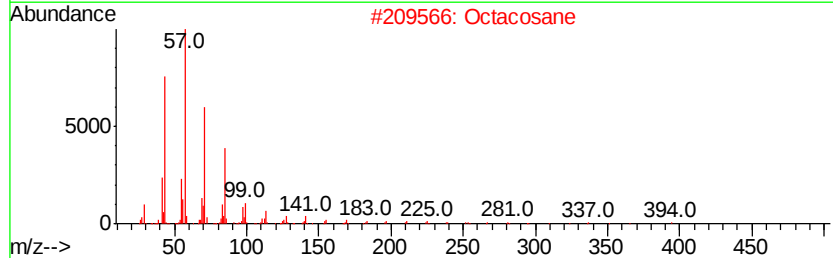
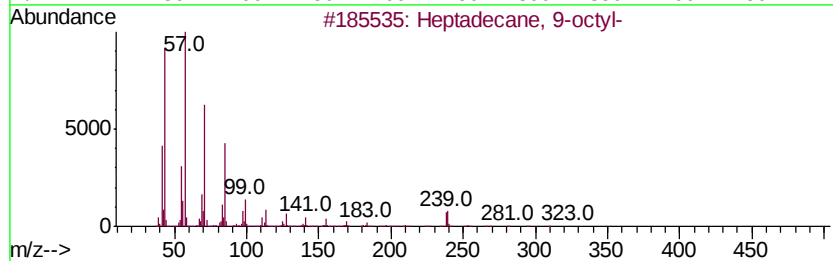
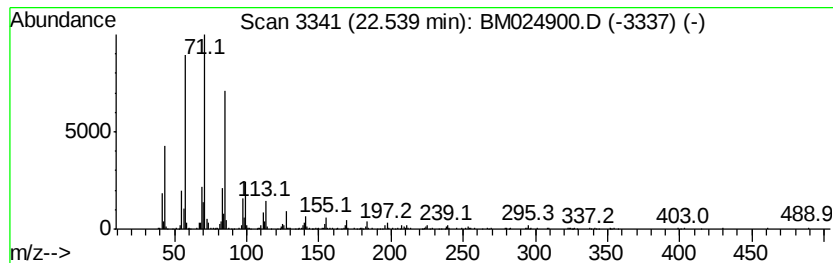
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.76 ng/ul	600773	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Octacosane	394	C28H58	000630-02-4	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024900.D
Acq On : 14 Feb 2020 19:33
Operator : CG/JU
Sample : L1422-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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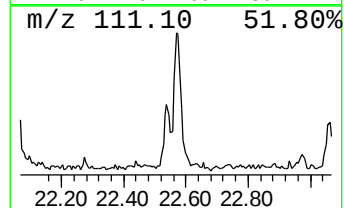
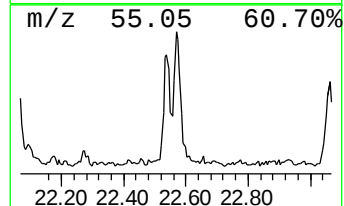
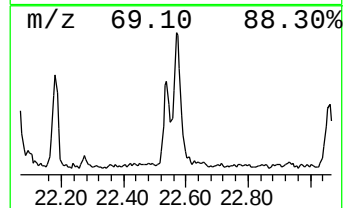
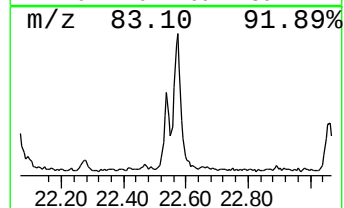
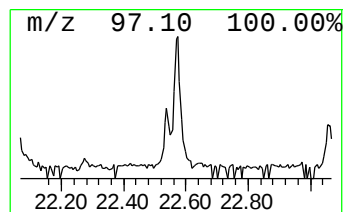
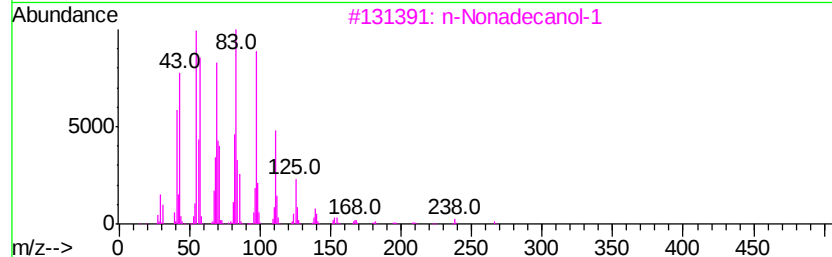
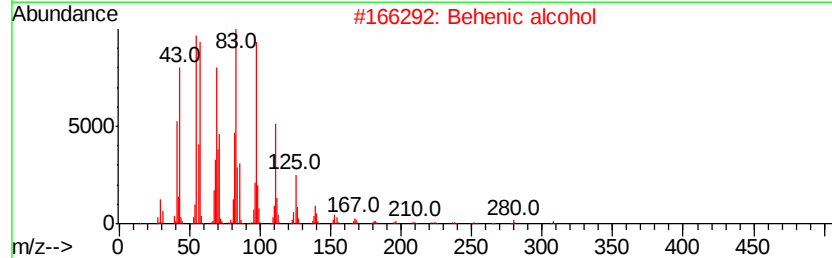
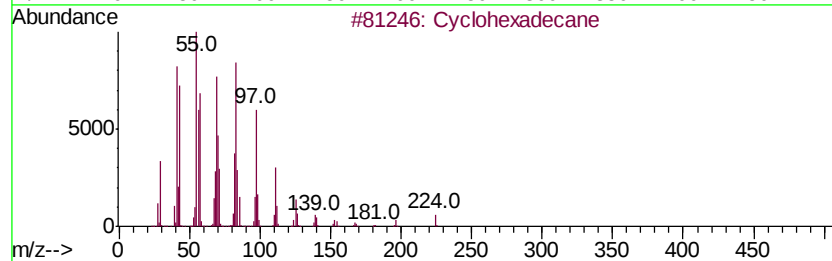
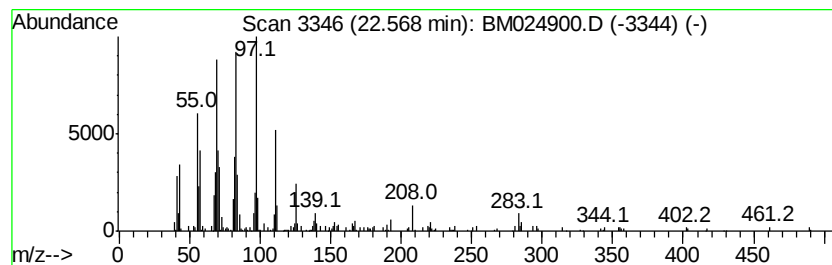
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic22.57 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.08 ng/ul	453920	Perylene-d12	23.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	87
2		Behenic alcohol	326	C22H46O	000661-19-8	86
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	86
4		1-Heneicosanol	312	C21H44O	015594-90-8	86
5		1-Octadecanol	270	C18H38O	000112-92-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024900.D
Acq On : 14 Feb 2020 19:33
Operator : CG/JU
Sample : L1422-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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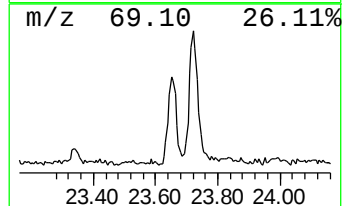
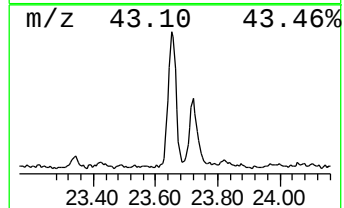
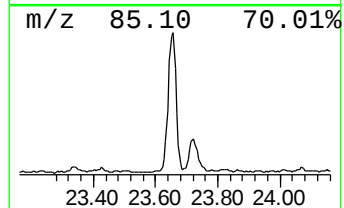
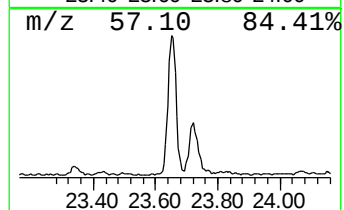
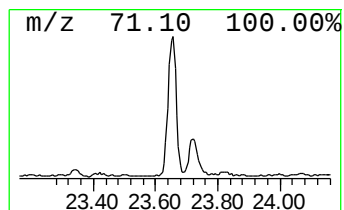
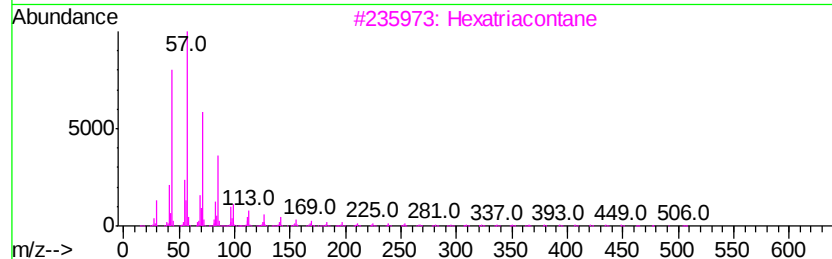
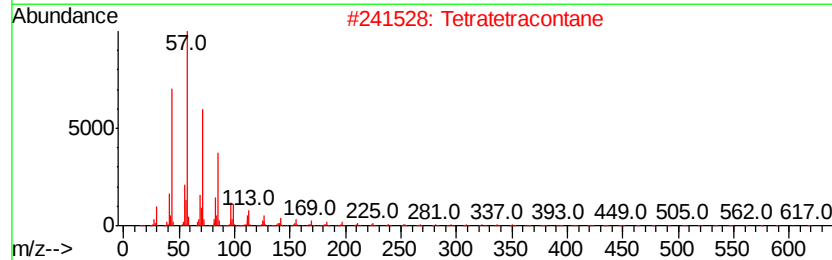
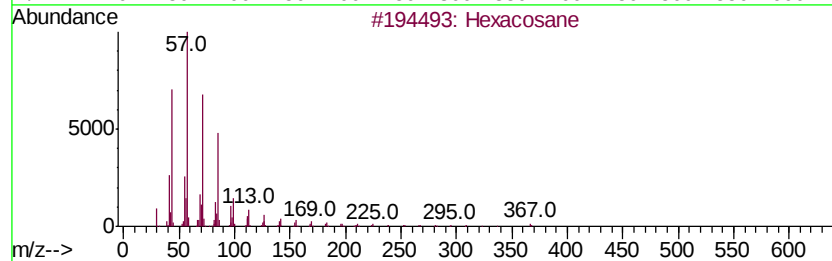
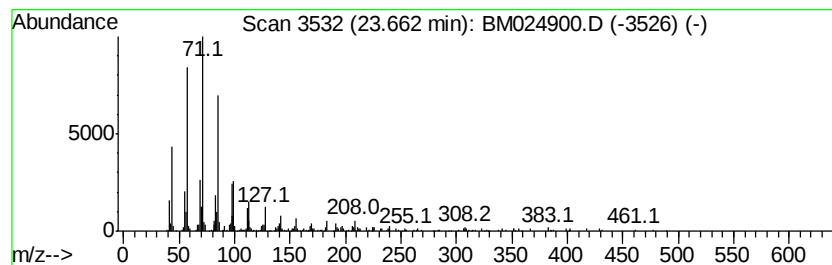
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	2.73 ng/ul	594431	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024900.D
Acq On : 14 Feb 2020 19:33
Operator : CG/JU
Sample : L1422-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
n-Hexadecanoic acid	17.74	2.3	ng/ul	440959	4	16.79	3909520	20.0
(DEL) Alkane: Str...	20.76	5.5	ng/ul	1198660	5	21.01	4346060	20.0
(DEL) Alkane: Str...	21.64	2.6	ng/ul	566949	5	21.01	4346060	20.0
(DEL) Alkane: Str...	22.54	2.8	ng/ul	600773	6	23.10	4357020	20.0
(DEL) Alkane: Cyc...	22.57	2.1	ng/ul	453920	6	23.10	4357020	20.0
(DEL) Alkane: Str...	23.66	2.7	ng/ul	594431	6	23.10	4357020	20.0