

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024884.D
 Acq On : 14 Feb 2020 09:56
 Operator : CG/JU
 Sample : L1422-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AW9

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	23	26	36	rVB	40886	94295	1.68%	0.119%
2	3.646	123	129	135	rVV3	20387	43034	0.77%	0.054%
3	3.722	138	142	148	rVB5	11809	28269	0.50%	0.036%
4	3.940	176	179	184	rVB4	9888	19555	0.35%	0.025%
5	4.246	229	231	235	rVB5	6380	6045	0.11%	0.008%
6	4.598	286	291	301	rVB	84449	149029	2.66%	0.187%
7	5.187	386	391	393	rVB4	4829	6504	0.12%	0.008%
8	6.592	622	630	646	rBV	938209	1585376	28.28%	1.994%
9	6.751	651	657	668	rVB	821364	1326708	23.66%	1.669%
10	6.934	681	688	700	rBV	1073491	1785378	31.84%	2.246%
11	7.392	759	766	778	rBV	1525905	2450148	43.70%	3.082%
12	7.481	779	781	785	rVB4	6068	8704	0.16%	0.011%
13	8.104	881	887	900	rBV	1249356	2022041	36.06%	2.543%
14	8.210	900	905	913	rVB	43826	74101	1.32%	0.093%
15	8.528	952	959	974	rBV	903620	1532586	27.33%	1.928%
16	9.016	1035	1042	1047	rBV	29543	42142	0.75%	0.053%
17	9.245	1073	1081	1100	rBV	804184	1347363	24.03%	1.695%
18	9.451	1110	1116	1118	rBV4	3883	7041	0.13%	0.009%
19	9.780	1165	1172	1191	rBV	1290933	2212624	39.46%	2.783%
20	10.145	1225	1234	1245	rBV	1922381	3154678	56.26%	3.968%
21	10.286	1251	1258	1279	rBV	933891	1823600	32.52%	2.294%
22	10.675	1321	1324	1328	rBV4	5372	6942	0.12%	0.009%
23	11.404	1444	1448	1452	rBV2	6638	8418	0.15%	0.011%
24	11.751	1501	1507	1512	rBV3	17340	28519	0.51%	0.036%
25	12.392	1612	1616	1620	rBV5	4733	6857	0.12%	0.009%
26	12.510	1631	1636	1638	rBV5	4224	5615	0.10%	0.007%
27	12.969	1709	1714	1724	rVB8	13865	26382	0.47%	0.033%
28	13.333	1772	1776	1782	rBV7	4342	10787	0.19%	0.014%
29	13.468	1792	1799	1804	rBV	2089371	3007920	53.65%	3.784%
30	13.510	1804	1806	1813	rVB	181347	245956	4.39%	0.309%
31	13.727	1835	1843	1851	rBV	2581498	3797155	67.72%	4.776%
32	13.886	1865	1870	1877	rBV3	33453	72998	1.30%	0.092%
33	14.039	1890	1896	1905	rVB2	2814121	4122699	73.53%	5.186%
34	14.139	1910	1913	1918	rVB5	3766	5929	0.11%	0.007%

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35	14.268	1928	1935	1955	rBV	527825	1083206	19.32%	1.363%
36	14.451	1962	1966	1969	rBV3	8987	14529	0.26%	0.018%
37	14.492	1969	1973	1980	rVB8	12743	24450	0.44%	0.031%
38	14.892	2038	2041	2049	rBV7	6380	11695	0.21%	0.015%
39	14.951	2049	2051	2058	rVB4	8051	11285	0.20%	0.014%
40	15.045	2058	2067	2075	rBV	3330919	4600717	82.06%	5.787%
41	15.098	2075	2076	2081	rVV4	12015	11997	0.21%	0.015%
42	15.180	2084	2090	2104	rVV	731690	1129150	20.14%	1.420%
43	15.286	2104	2108	2112	rVB2	38112	50190	0.90%	0.063%
44	15.515	2142	2147	2150	rVB6	4657	6376	0.11%	0.008%
45	15.833	2195	2201	2206	rBV5	14411	27519	0.49%	0.035%
46	16.233	2266	2269	2271	rBV4	3889	5871	0.10%	0.007%
47	16.257	2271	2273	2279	rVB6	5291	8754	0.16%	0.011%
48	16.486	2309	2312	2315	rVB4	5158	6789	0.12%	0.009%
49	16.586	2325	2329	2336	rVB3	11249	21632	0.39%	0.027%
50	16.798	2358	2365	2375	rBV	3439145	4675940	83.40%	5.882%
51	16.892	2375	2381	2395	rVB	3256482	4710123	84.01%	5.925%
52	17.033	2403	2405	2409	rVB5	7788	7787	0.14%	0.010%
53	17.121	2417	2420	2425	rBV4	4896	7175	0.13%	0.009%
54	17.227	2433	2438	2442	rBV6	17584	26948	0.48%	0.034%
55	17.351	2456	2459	2462	rBV4	6313	7222	0.13%	0.009%
56	17.503	2480	2485	2486	rBV4	6727	9578	0.17%	0.012%
57	17.739	2520	2525	2533	rBV	344641	531957	9.49%	0.669%
58	17.798	2533	2535	2538	rVB3	16292	18624	0.33%	0.023%
59	17.862	2544	2546	2551	rVB6	6611	8059	0.14%	0.010%
60	18.039	2571	2576	2582	rBV9	16303	25664	0.46%	0.032%
61	18.180	2596	2600	2604	rVB6	21164	33465	0.60%	0.042%
62	18.292	2615	2619	2626	rBV9	8599	15142	0.27%	0.019%
63	18.603	2670	2672	2676	rBV4	12367	15591	0.28%	0.020%
64	18.686	2682	2686	2693	rBV	452008	511075	9.12%	0.643%
65	18.756	2696	2698	2701	rBV4	6405	7546	0.13%	0.009%
66	18.839	2707	2712	2715	rBV	34913	50098	0.89%	0.063%
67	19.033	2741	2745	2751	rBV2	92976	147819	2.64%	0.186%
68	19.086	2751	2754	2761	rVB	36300	61858	1.10%	0.078%
69	19.203	2768	2774	2783	rBV	4251814	5606842	100.00%	7.053%
70	19.274	2783	2786	2789	rVV2	69083	78169	1.39%	0.098%
71	19.309	2789	2792	2796	rVB4	35968	38355	0.68%	0.048%

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72	19.774	2867	2871	2874	rBV3	44780	62493	1.11%	0.079%
73	19.815	2874	2878	2883	rVB	317472	343194	6.12%	0.432%
74	20.286	2955	2958	2960	rBV3	43121	53484	0.95%	0.067%
75	20.315	2960	2963	2966	rVB	109521	119291	2.13%	0.150%
76	20.768	3035	3040	3047	rBV	2379262	3062459	54.62%	3.852%
77	21.009	3075	3081	3088	rBV	4098684	5090357	90.79%	6.403%
78	21.215	3113	3116	3121	rBV	306528	329382	5.87%	0.414%
79	21.639	3184	3188	3198	rBV	1138914	1641107	29.27%	2.064%
80	22.068	3258	3261	3272	rVB	325817	498064	8.88%	0.627%
81	22.544	3338	3342	3344	rBV	387821	511673	9.13%	0.644%
82	22.574	3344	3347	3356	rVB2	555007	826382	14.74%	1.039%
83	22.980	3409	3416	3425	rVB	3095127	5339165	95.23%	6.716%
84	23.068	3427	3431	3432	rVV	327689	464297	8.28%	0.584%
85	23.109	3432	3438	3450	rVB	2841154	5119970	91.32%	6.440%
86	23.656	3526	3531	3537	rBV	389266	680758	12.14%	0.856%
87	23.727	3539	3543	3551	rVB	378543	682437	12.17%	0.858%

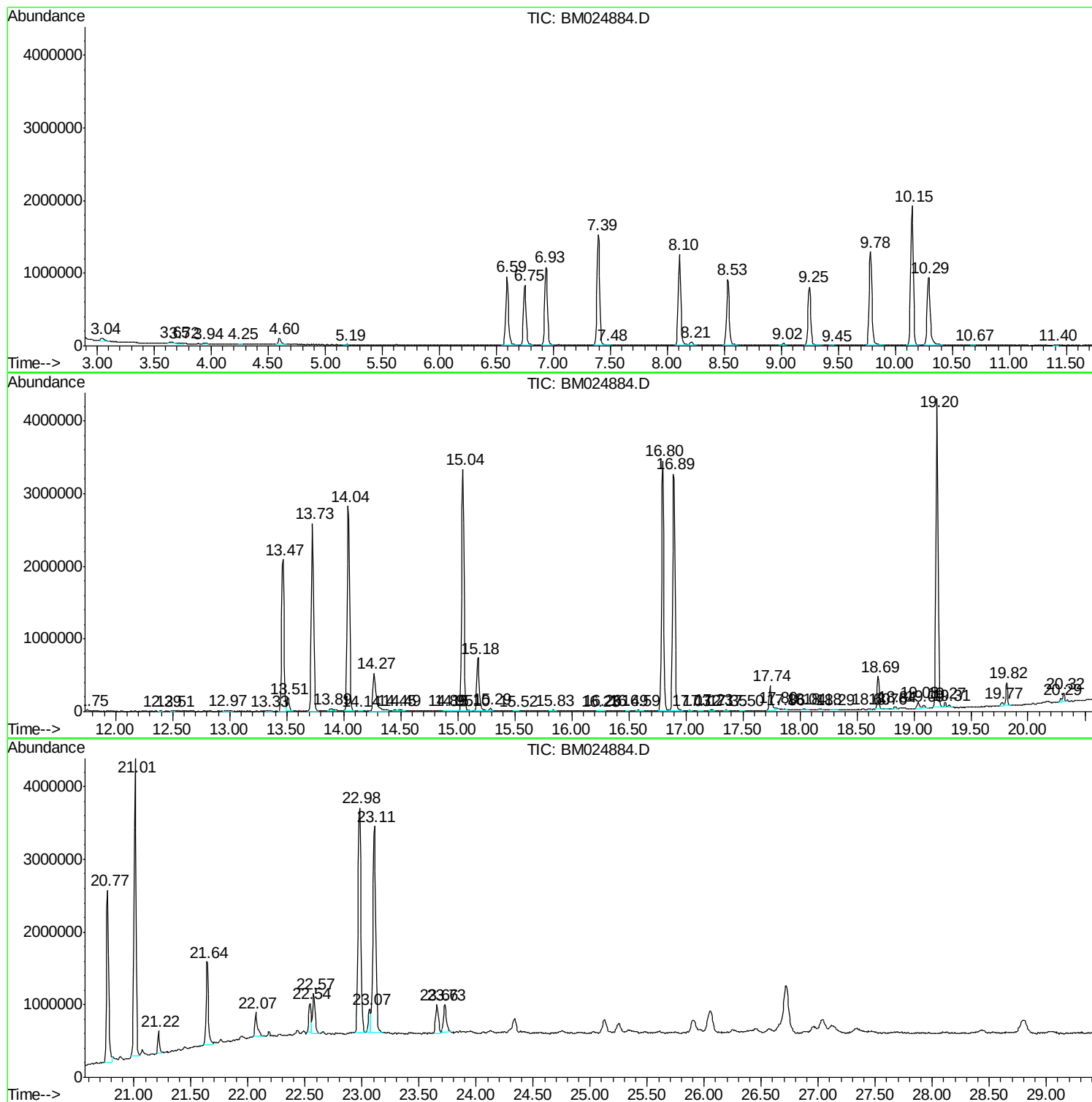
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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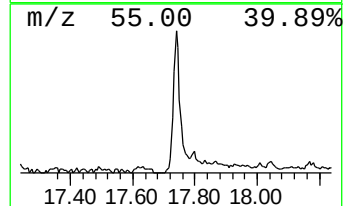
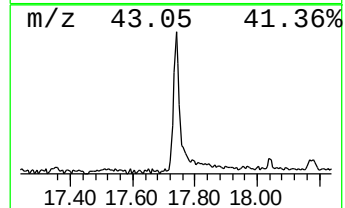
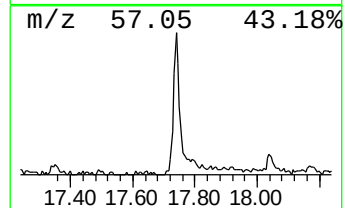
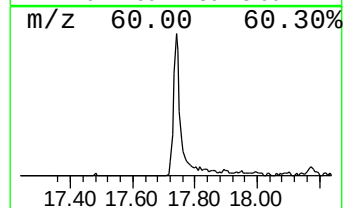
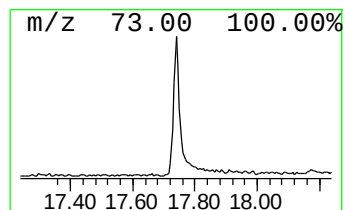
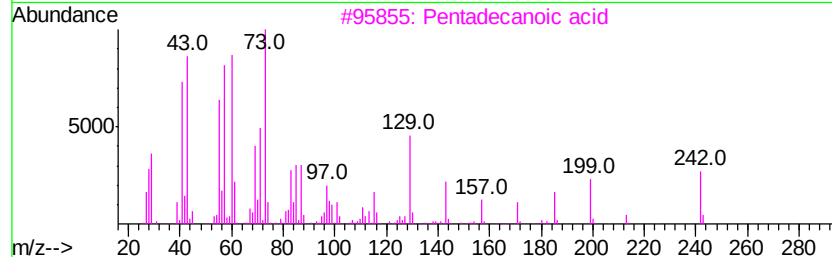
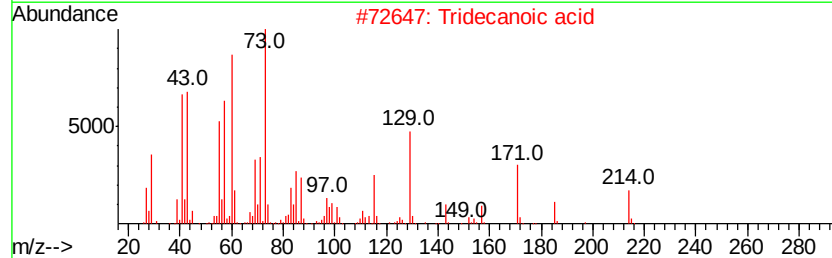
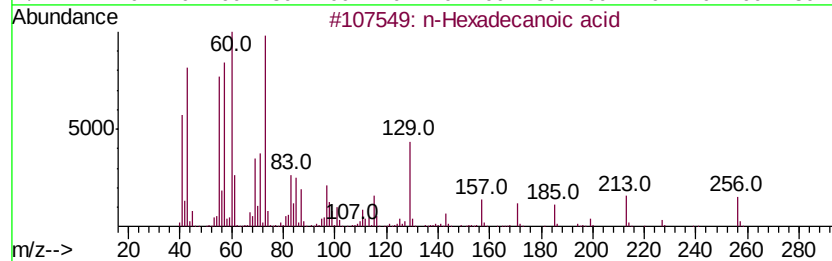
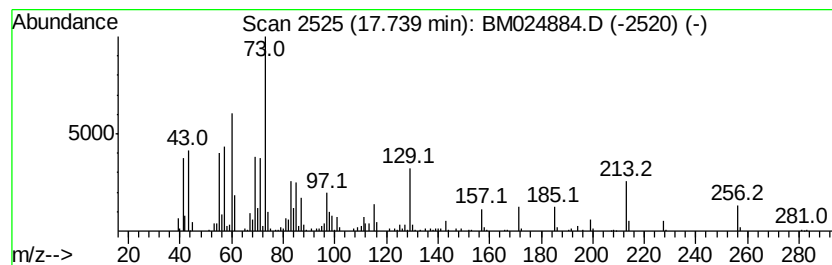
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.74	2.28 ng/ul	531957	Phenanthrene-d10		16.80	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	60
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4		Tridecanoic acid	214	C13H26O2	000638-53-9	49
5		Tridecanoic acid	214	C13H26O2	000638-53-9	43



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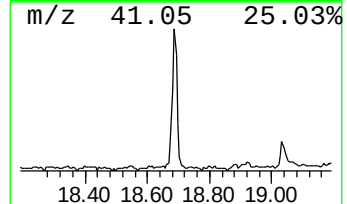
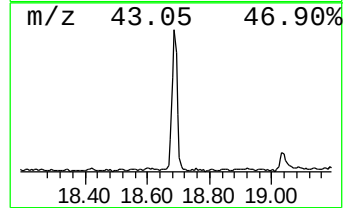
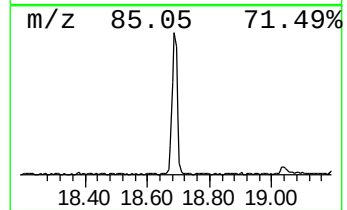
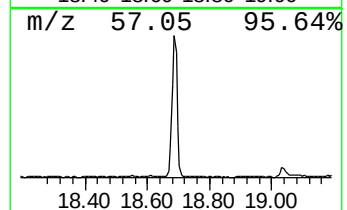
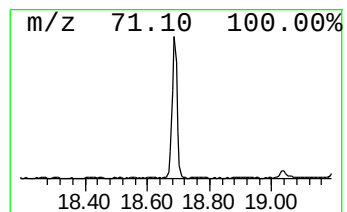
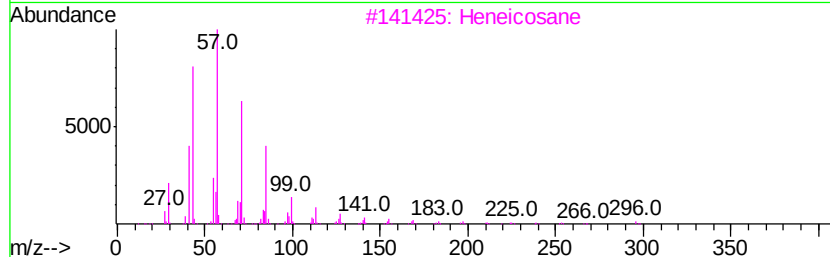
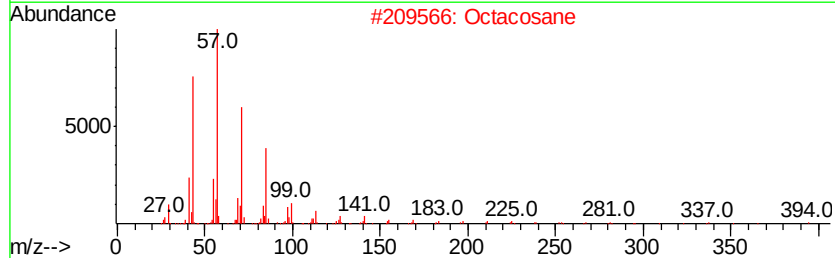
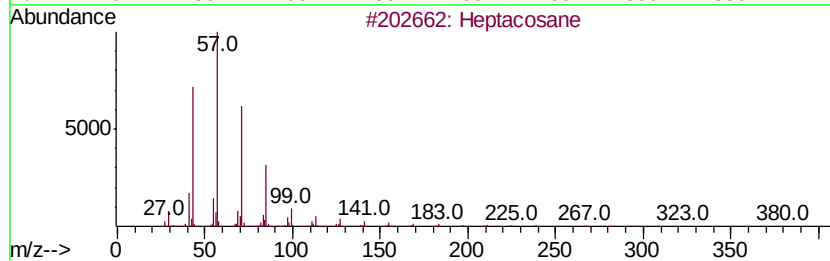
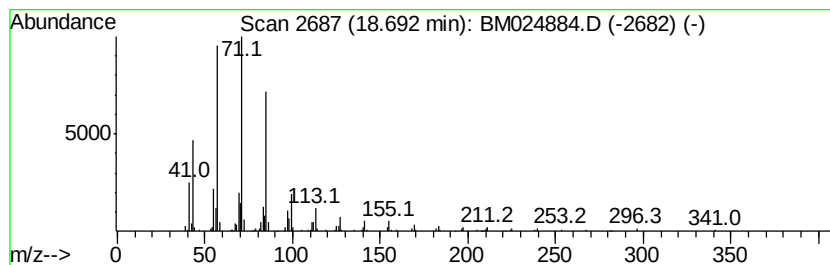
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.19 ng/ul	511075	Phenanthrene-d10	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Octacosane	394	C28H58	000630-02-4	83
3		Heneicosane	296	C21H44	000629-94-7	83
4		Eicosane	282	C20H42	000112-95-8	80
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72



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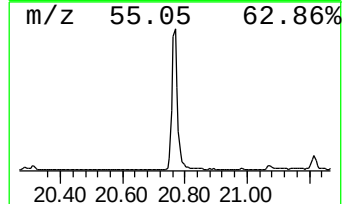
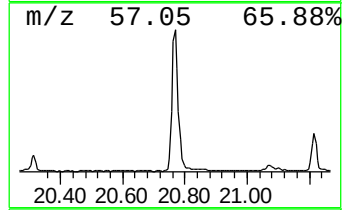
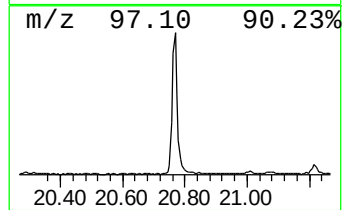
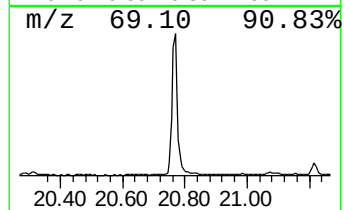
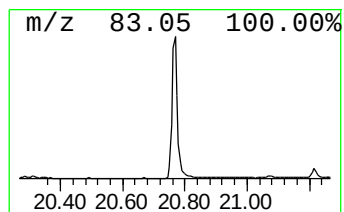
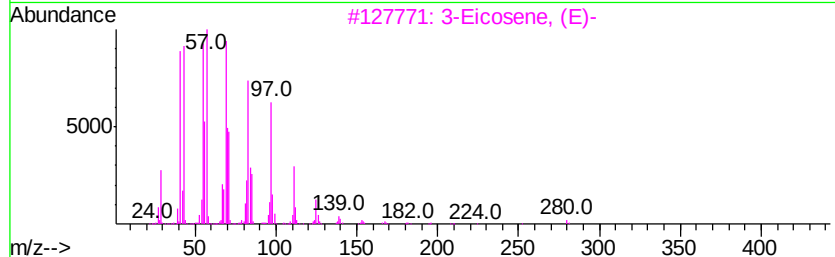
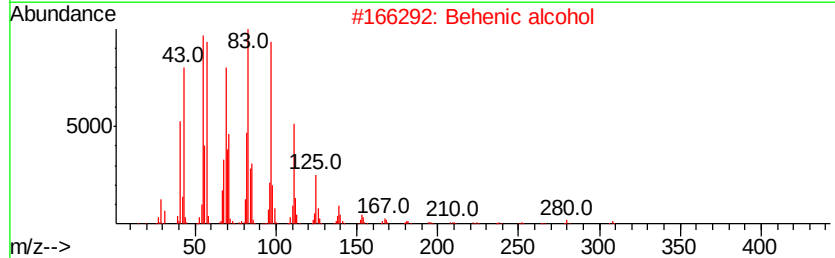
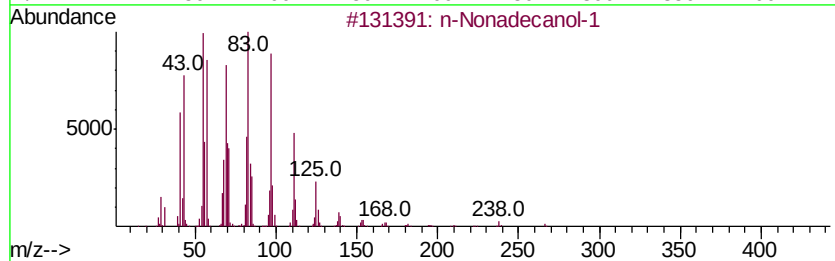
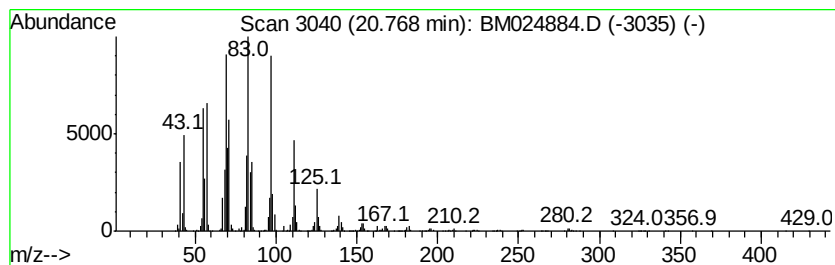
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	12.03 ng/ul	3062460	Chrysene-d12	21.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	91
2	Behenic alcohol	326 C22H46O	000661-19-8	91
3	3-Eicosene, (E)-	280 C20H40	074685-33-9	90
4	Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0	74
5	Cycloeicosane	280 C20H40	000296-56-0	70



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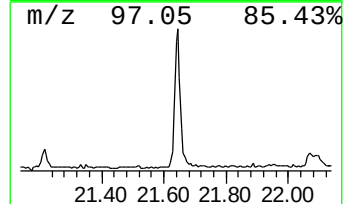
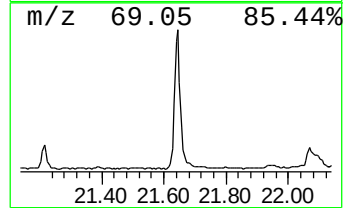
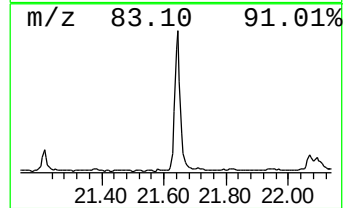
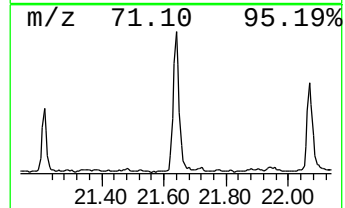
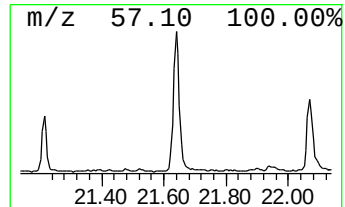
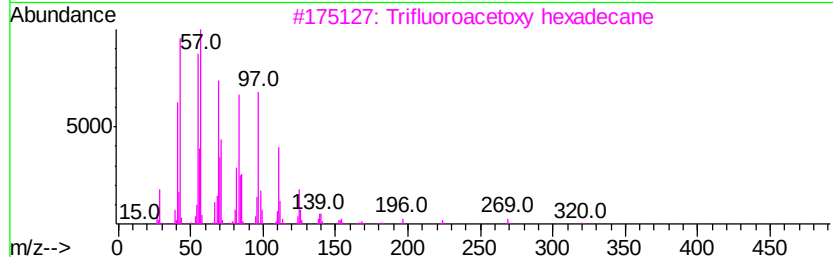
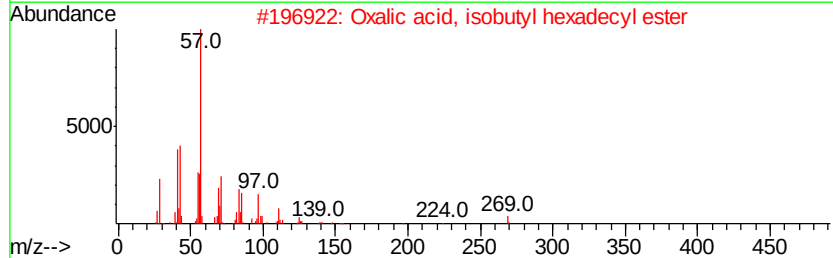
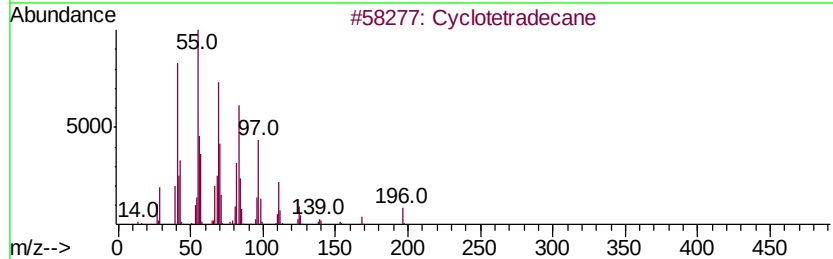
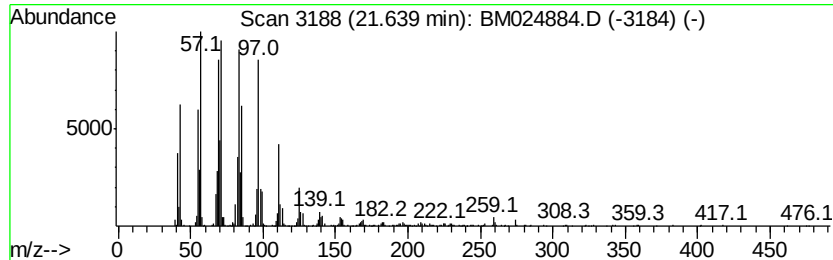
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	6.45 ng/ul	1641110	Chrysene-d12	21.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	91
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	76
5		1-Hexadecanol	242	C16H34O	036653-82-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024884.D
Acq On : 14 Feb 2020 09:56
Operator : CG/JU
Sample : L1422-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AW9

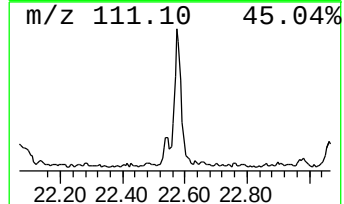
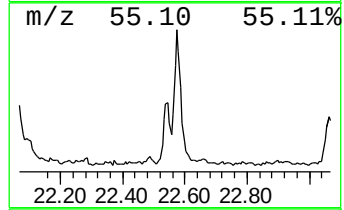
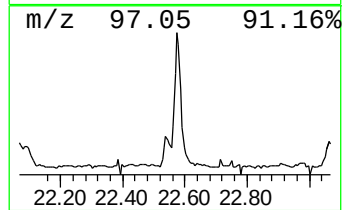
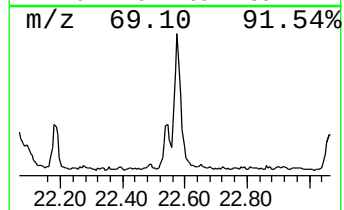
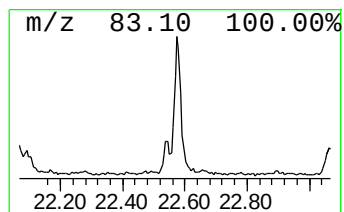
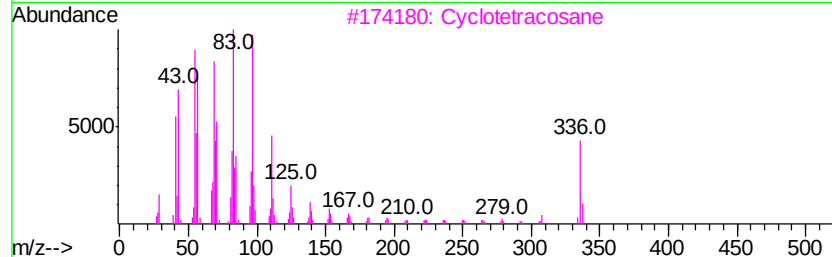
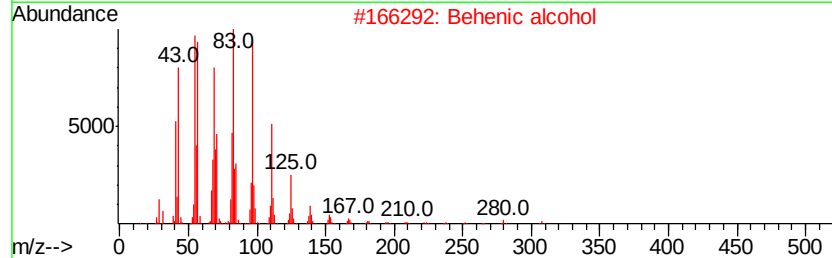
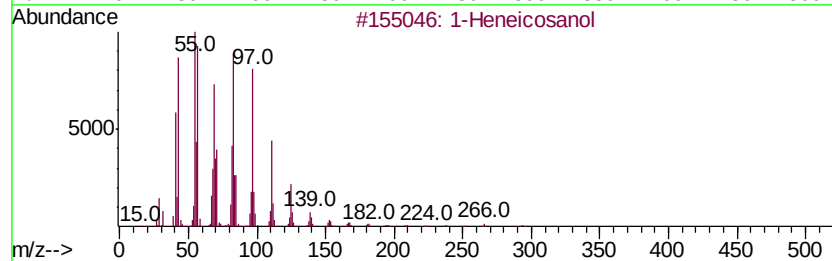
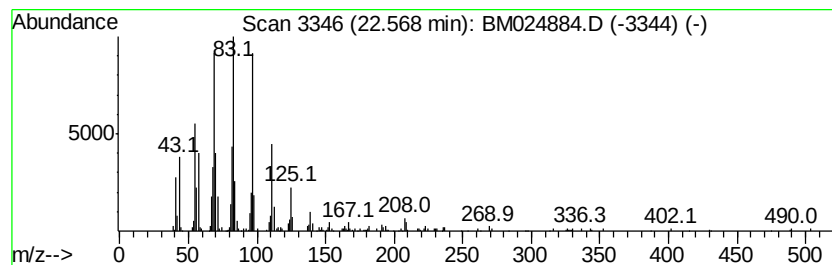
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	3.23 ng/ul	826382	Perylene-d12	23.11

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Behenic alcohol	326	C22H46O	000661-19-8	83
3	Cyclotetracosane	336	C24H48	000297-03-0	83
4	Cyclopentadecane	210	C15H30	000295-48-7	72
5	1-Hexadecanol	242	C16H34O	036653-82-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024884.D
Acq On : 14 Feb 2020 09:56
Operator : CG/JU
Sample : L1422-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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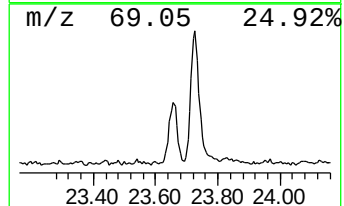
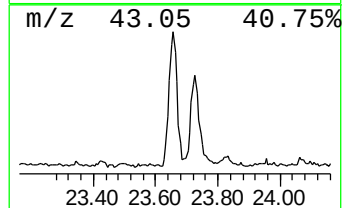
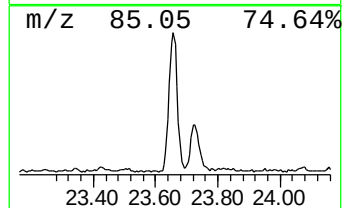
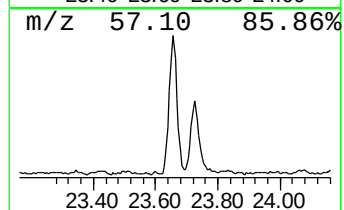
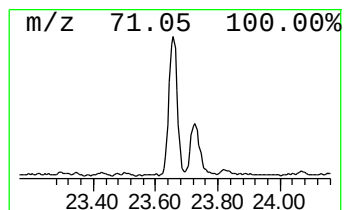
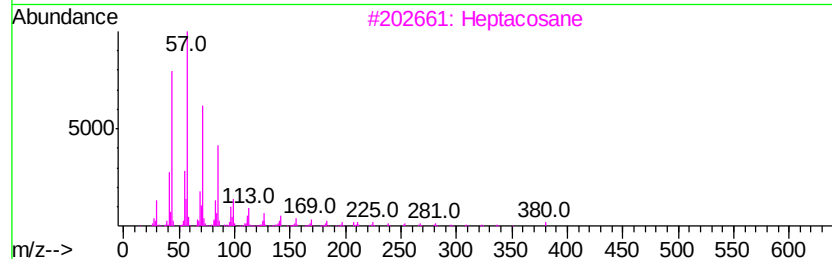
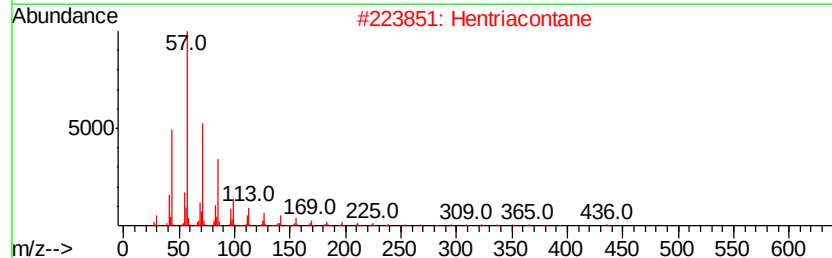
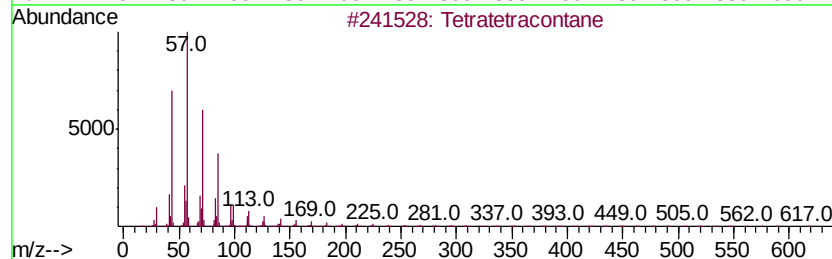
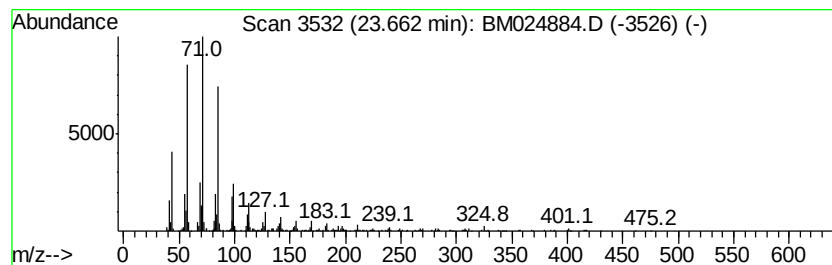
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	2.66 ng/ul	680758	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024884.D
Acq On : 14 Feb 2020 09:56
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Sample : L1422-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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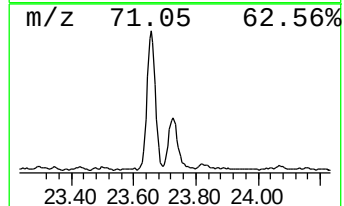
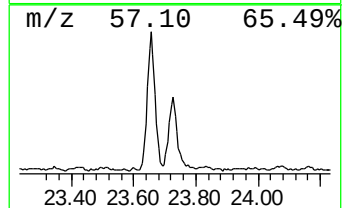
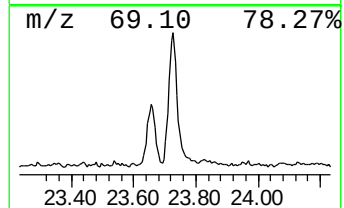
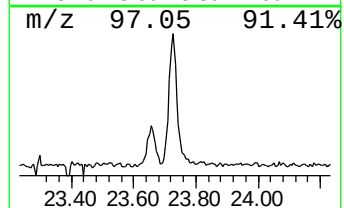
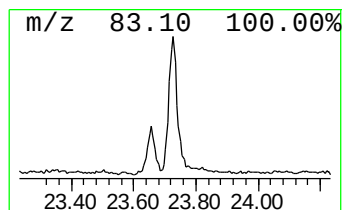
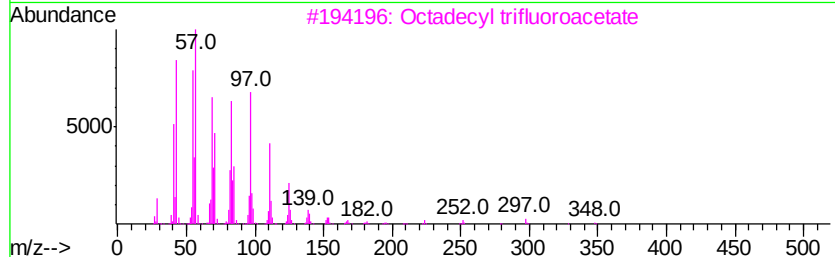
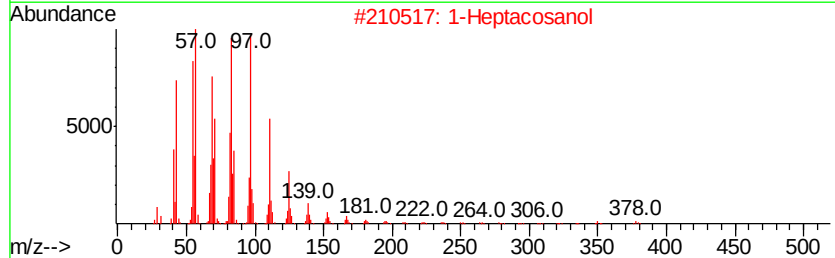
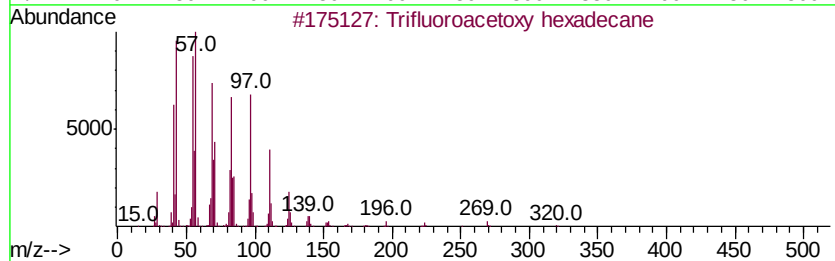
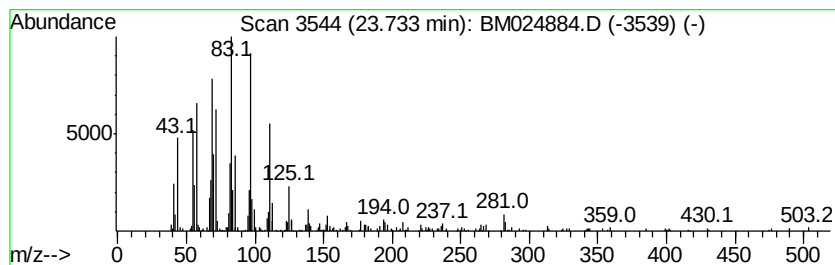
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	2.67 ng/ul	682437	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2		1-Heptacosanol	396	C27H56O	002004-39-9	76
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	74
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	68
5		Behenic alcohol	326	C22H46O	000661-19-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024884.D
Acq On : 14 Feb 2020 09:56
Operator : CG/JU
Sample : L1422-06
Misc :
ALS Vial : 28 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	531957	4	16.80	4675940	20.0
(DEL) Alkane: Str...	18.69	2.2	ng/ul	511075	4	16.80	4675940	20.0
n-Nonadecanol-1	20.77	12.0	ng/ul	3062460	5	21.01	5090360	20.0
(DEL) Alkane: Cyc...	21.64	6.5	ng/ul	1641110	5	21.01	5090360	20.0
1-Heneicosanol	22.57	3.2	ng/ul	826382	6	23.11	5119970	20.0
(DEL) Alkane: Str...	23.66	2.7	ng/ul	680758	6	23.11	5119970	20.0
Trifluoroacetoxy ...	23.73	2.7	ng/ul	682437	6	23.11	5119970	20.0