

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019583.D
 Acq On : 29 Mar 2019 17:10
 Operator : JU/SJ
 Sample : K2085-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7S9

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	3.128	21	24	36	rVB	26863	51043	1.62%	0.180%
2	6.763	637	642	658	rBV	224748	504430	16.05%	1.776%
3	6.934	666	671	688	rBV	175875	358091	11.40%	1.261%
4	7.110	696	701	716	rVB	262360	481187	15.31%	1.695%
5	7.581	775	781	790	rBV	376493	640801	20.39%	2.257%
6	8.298	897	903	916	rBV	279265	558961	17.79%	1.968%
7	8.751	974	980	992	rBV2	225175	432406	13.76%	1.523%
8	9.075	1030	1035	1040	rVB	6762	10064	0.32%	0.035%
9	9.463	1094	1101	1116	rBV	180551	350850	11.16%	1.236%
10	10.004	1186	1193	1214	rBV	199183	534317	17.00%	1.882%
11	10.357	1245	1253	1266	rBV	556619	960776	30.57%	3.383%
12	10.557	1280	1287	1303	rBV2	35111	118679	3.78%	0.418%
13	12.016	1533	1535	1540	rVB3	2452	3410	0.11%	0.012%
14	13.663	1809	1815	1820	rBV	607852	944266	30.05%	3.325%
15	13.710	1820	1823	1836	rVB	118058	184097	5.86%	0.648%
16	13.933	1854	1861	1870	rBV	769567	1147749	36.52%	4.042%
17	14.239	1907	1913	1923	rBV2	901722	1352701	43.05%	4.764%
18	14.504	1952	1958	1983	rBV3	70931	278061	8.85%	0.979%
19	14.674	1983	1987	1993	rVB5	6892	14830	0.47%	0.052%
20	15.033	2045	2048	2051	rBV2	3569	4330	0.14%	0.015%
21	15.080	2051	2056	2061	rVV5	4480	5863	0.19%	0.021%
22	15.239	2077	2083	2095	rBV	956567	1466309	46.66%	5.164%
23	15.392	2103	2109	2121	rBV	171217	307685	9.79%	1.084%
24	15.486	2121	2125	2130	rVB3	9844	15668	0.50%	0.055%
25	15.945	2200	2203	2207	rBV3	3677	4764	0.15%	0.017%
26	16.027	2215	2217	2220	rVB3	3339	3233	0.10%	0.011%
27	16.745	2337	2339	2342	rBV3	3352	3421	0.11%	0.012%
28	16.786	2342	2346	2349	rVV3	3671	4533	0.14%	0.016%
29	16.998	2376	2382	2392	rBV	1166403	1581325	50.32%	5.569%
30	17.098	2392	2399	2418	rVV	1062381	1600323	50.93%	5.636%
31	17.292	2428	2432	2437	rBV5	5987	10511	0.33%	0.037%
32	17.339	2437	2440	2445	rVV4	13465	16555	0.53%	0.058%
33	17.386	2445	2448	2451	rVB4	3005	3283	0.10%	0.012%
34	17.486	2461	2465	2467	rBV3	2912	3949	0.13%	0.014%

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35	17.892	2528	2534	2543	rBV	87222	163100	5.19%	0.574%
36	18.174	2577	2582	2589	rBV4	7968	13220	0.42%	0.047%
37	18.468	2629	2632	2634	rBV4	2248	3180	0.10%	0.011%
38	18.609	2653	2656	2660	rVV2	17031	20545	0.65%	0.072%
39	18.656	2660	2664	2667	rVV	29967	33482	1.07%	0.118%
40	18.692	2667	2670	2673	rVB3	3325	5117	0.16%	0.018%
41	18.756	2678	2681	2688	rVV7	6125	9283	0.30%	0.033%
42	18.821	2688	2692	2694	rVV4	5285	5428	0.17%	0.019%
43	18.933	2709	2711	2714	rBV4	3488	3228	0.10%	0.011%
44	19.045	2725	2730	2735	rBV2	17868	31489	1.00%	0.111%
45	19.180	2749	2753	2760	rBV2	51278	83878	2.67%	0.295%
46	19.297	2769	2773	2775	rVB	7354	9661	0.31%	0.034%
47	19.403	2785	2791	2809	rBV2	1438264	2029726	64.59%	7.148%
48	19.574	2818	2820	2822	rBV3	4299	4336	0.14%	0.015%
49	19.744	2844	2849	2851	rBV	222414	247531	7.88%	0.872%
50	19.780	2851	2855	2861	rVB	503403	514714	16.38%	1.813%
51	19.915	2874	2878	2880	rBV5	11691	15965	0.51%	0.056%
52	19.939	2880	2882	2886	rVB3	12564	13728	0.44%	0.048%
53	20.439	2964	2967	2971	rVB3	16507	19554	0.62%	0.069%
54	20.721	3011	3015	3017	rBV	102318	109785	3.49%	0.387%
55	20.750	3017	3020	3025	rVB	201078	214795	6.84%	0.756%
56	20.903	3041	3046	3055	rBV	421855	524551	16.69%	1.847%
57	21.203	3092	3097	3109	rBV	1814429	2388176	76.00%	8.410%
58	21.339	3117	3120	3124	rBV2	63366	79784	2.54%	0.281%
59	21.586	3159	3162	3164	rBV	64590	61347	1.95%	0.216%
60	21.615	3164	3167	3173	rVB2	111438	129983	4.14%	0.458%
61	21.762	3189	3192	3201	rBV	90397	149411	4.75%	0.526%
62	22.215	3266	3269	3277	rVB2	153696	240043	7.64%	0.845%
63	22.527	3320	3322	3331	rVB3	75873	105732	3.36%	0.372%
64	22.709	3349	3353	3358	rVB	199721	264846	8.43%	0.933%
65	23.262	3441	3447	3461	rBV	1682370	3142500	100.00%	11.066%
66	23.409	3465	3472	3489	rVB	1504559	2804694	89.25%	9.877%
67	23.885	3548	3553	3559	rVB	240808	410462	13.06%	1.445%
68	23.980	3565	3569	3577	rVB6	99649	195847	6.23%	0.690%
69	24.609	3671	3676	3684	rVB	193166	389176	12.38%	1.370%

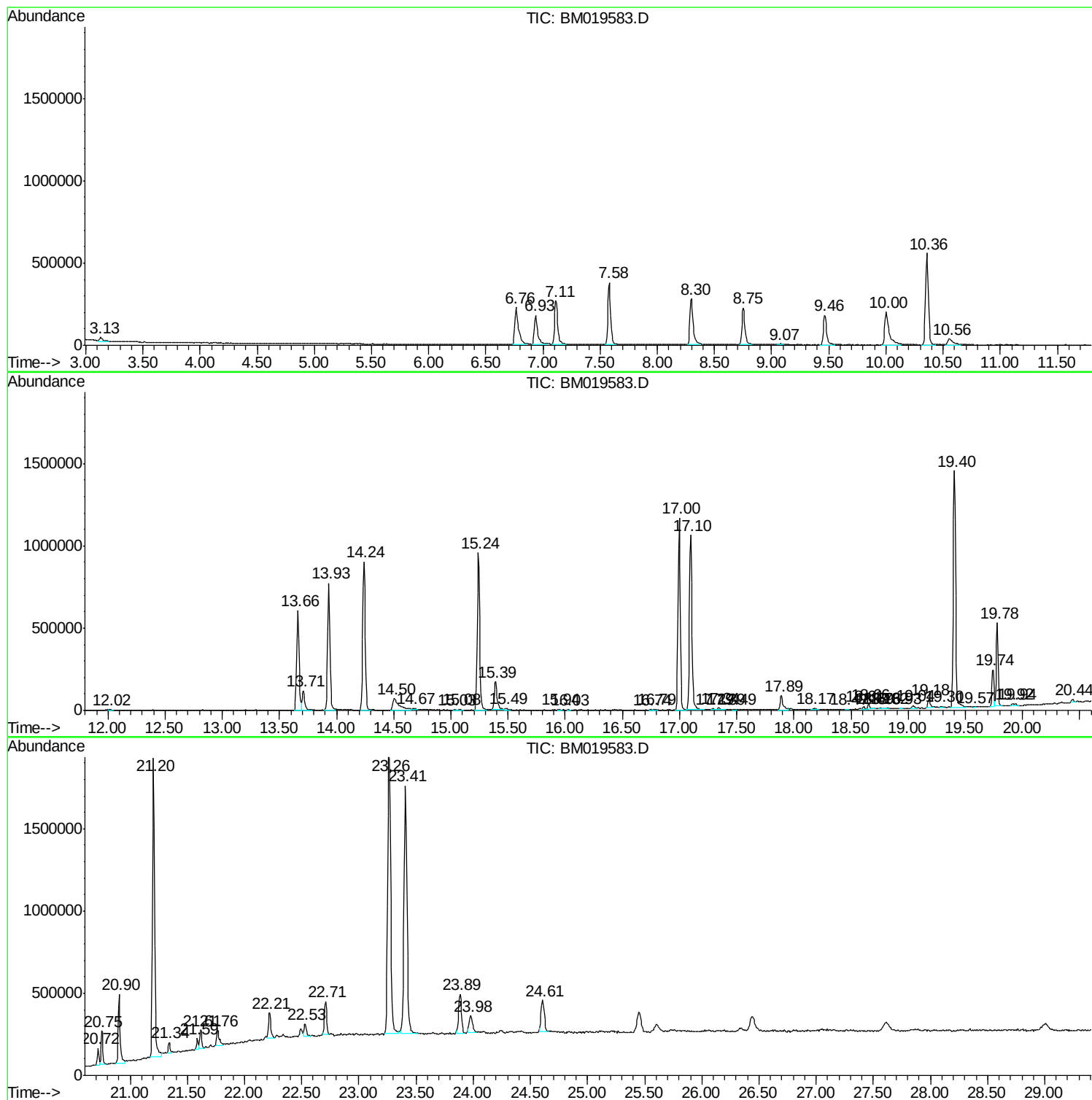
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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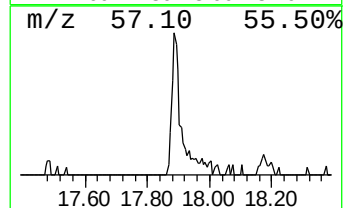
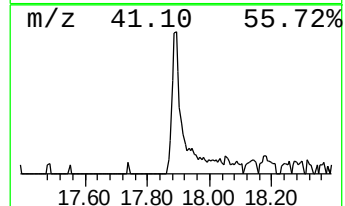
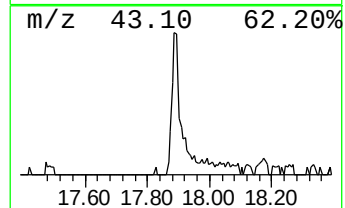
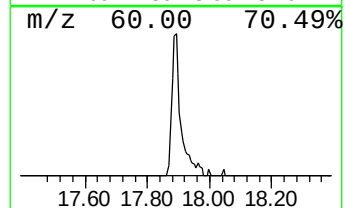
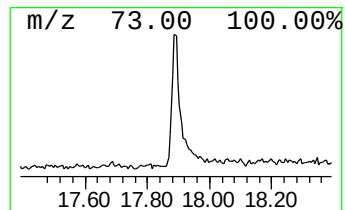
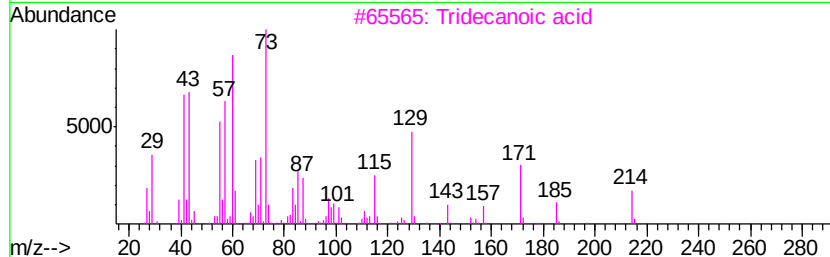
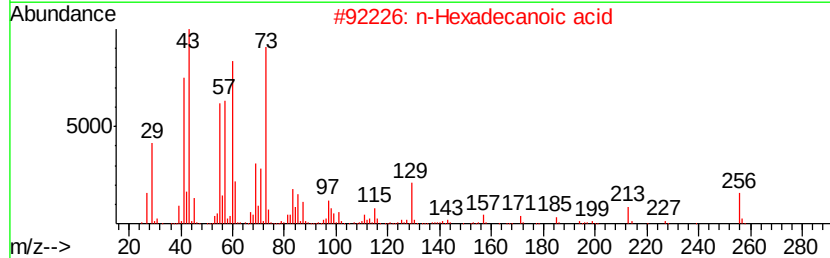
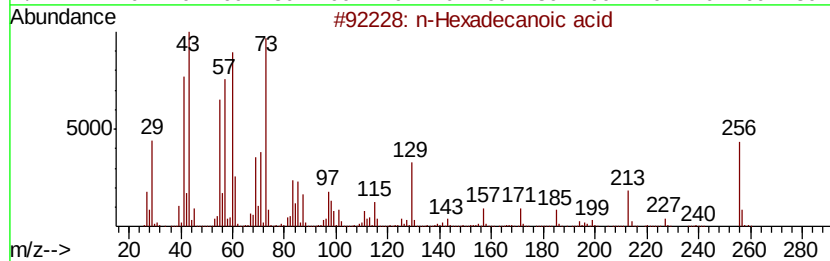
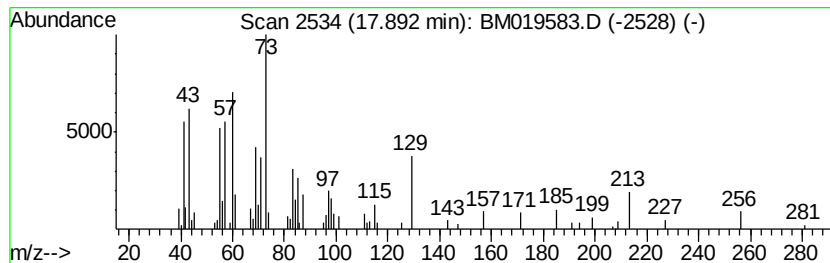
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	2.06 ng/ul	163100	Phenanthrene-d10	17.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50	



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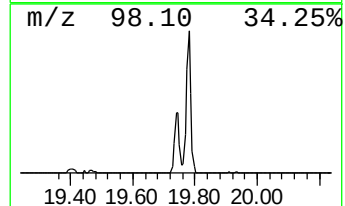
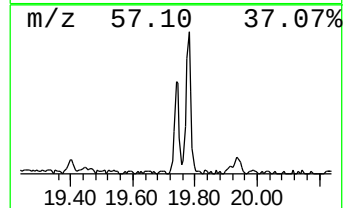
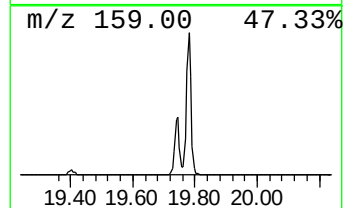
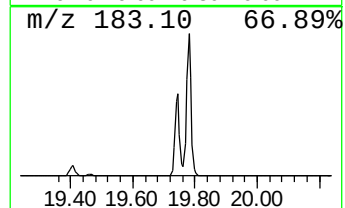
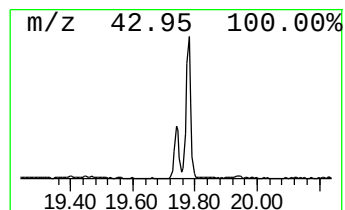
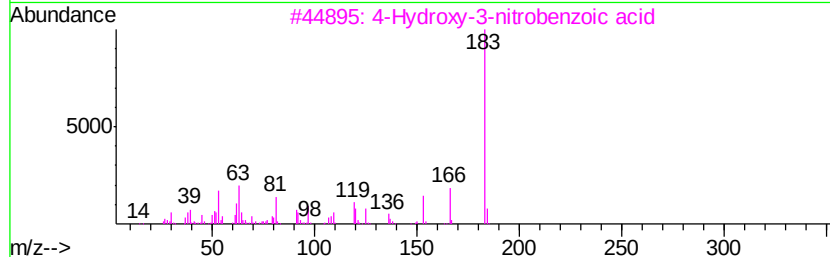
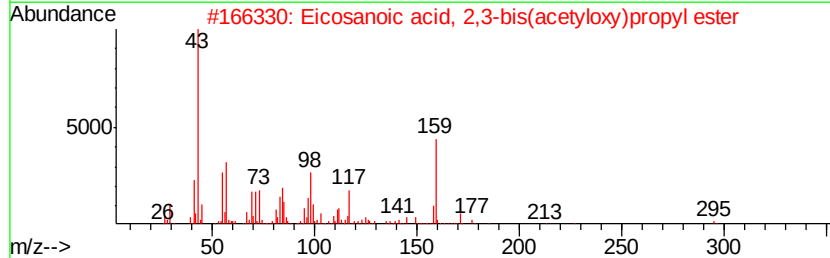
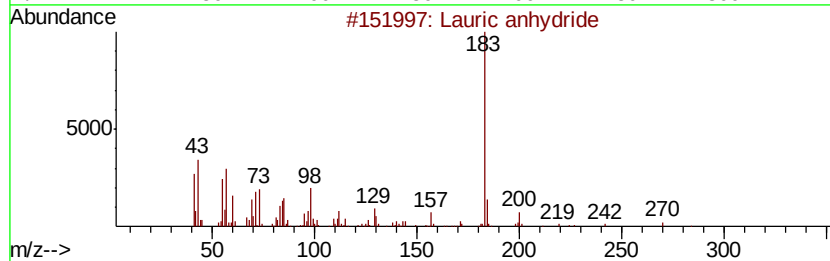
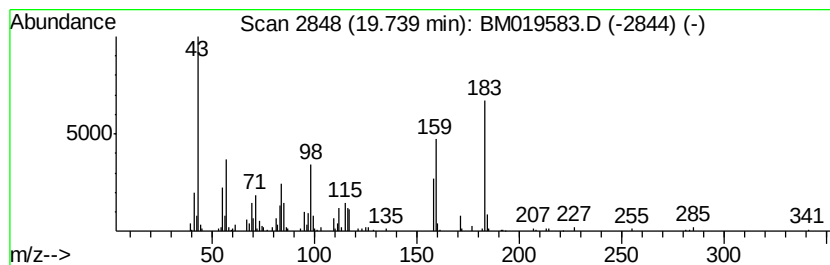
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.07 ng/ul	247531	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Lauric anhydride	382 C24H46O3	000645-66-9 47
2		Eicosanoic acid, 2,3-bis(acetylo...	470 C27H50O6	055429-67-9 32
3		4-Hydroxy-3-nitrobenzoic acid	183 C7H5NO5	000616-82-0 27
4		4-Nitrophenyl laurate	321 C18H27NO4	001956-11-2 27
5		Dodecanoic acid, ethenyl ester	226 C14H26O2	002146-71-6 16



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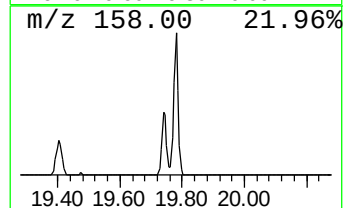
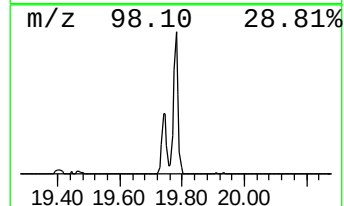
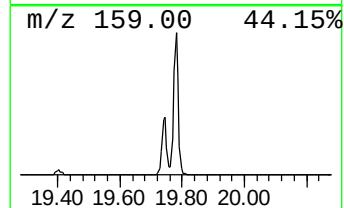
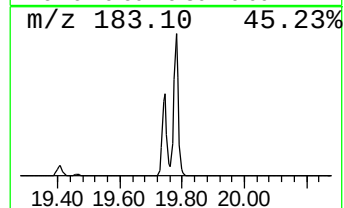
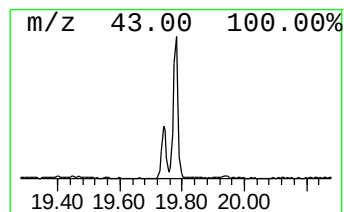
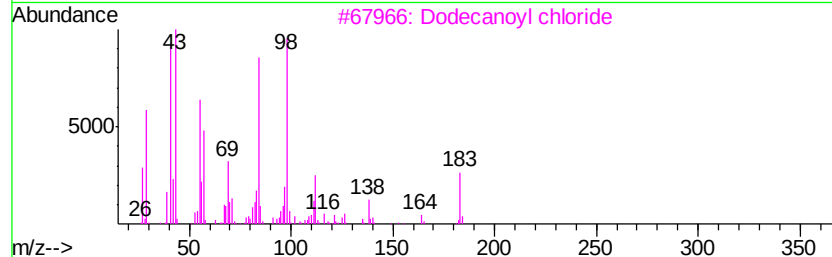
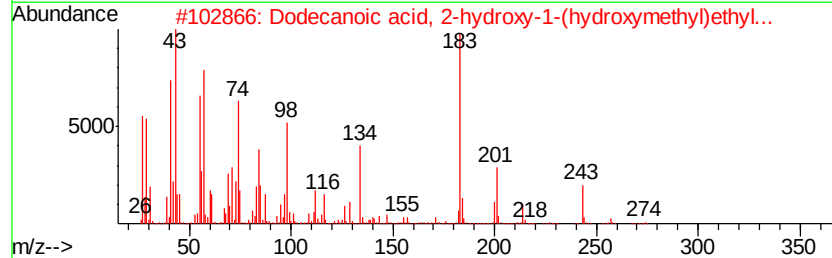
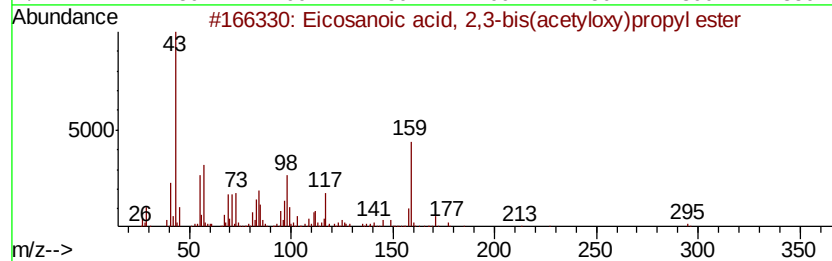
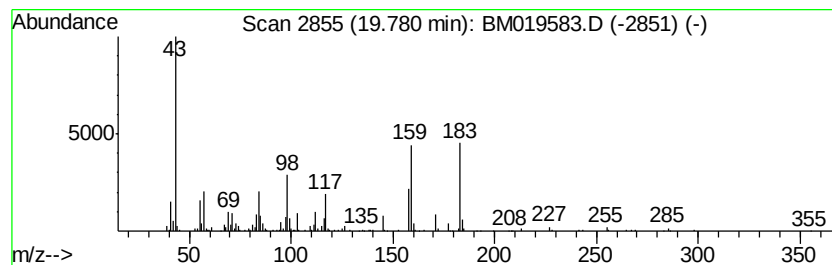
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Eicosanoic acid, 2,3-bis(ac... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	4.31 ng/ul	514714	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	50
2		Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	38
3		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	23
4		4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9
5		Acetic acid, 6-iodo-9-oxabicyclo...	310	C10H15IO3	1000190-80-0	9



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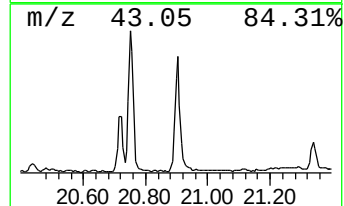
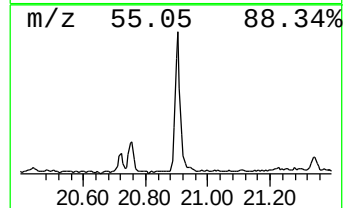
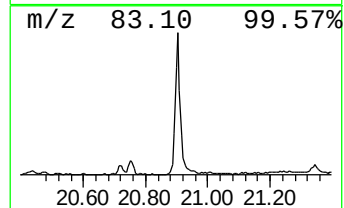
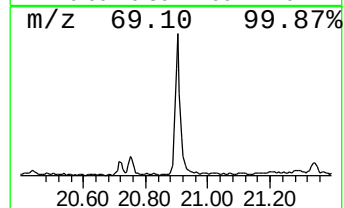
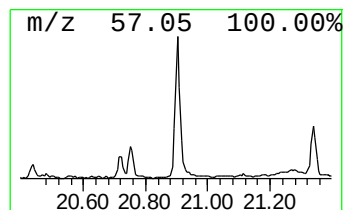
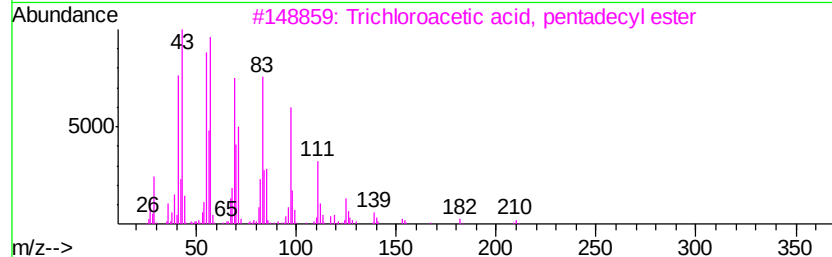
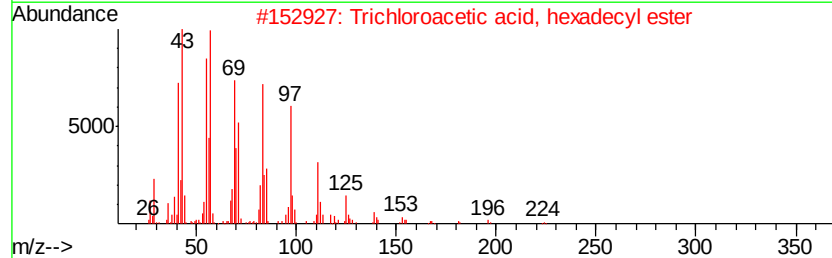
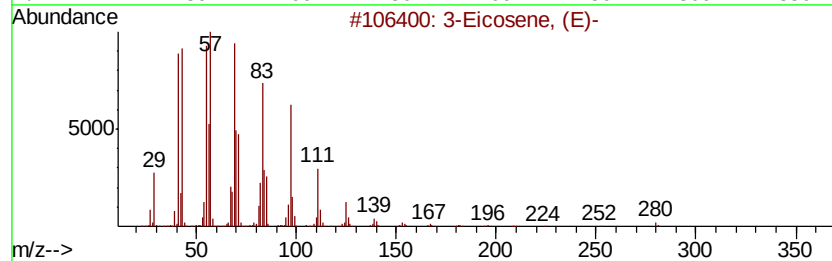
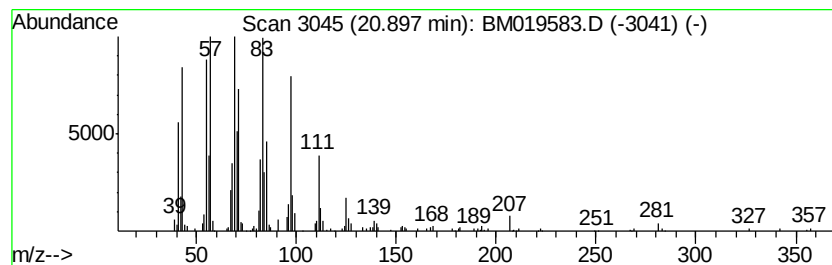
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Peak Number 4 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.39 ng/ul	524551	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-	280 C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	91
4	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	90
5	Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7	87



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BNA_M
ClientSampleId :
BF7S9

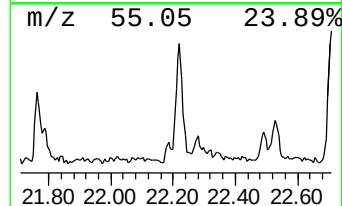
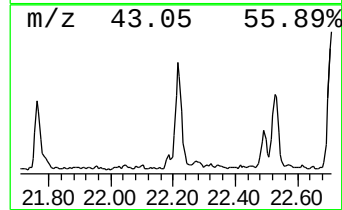
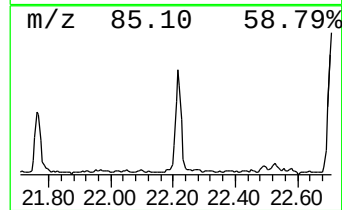
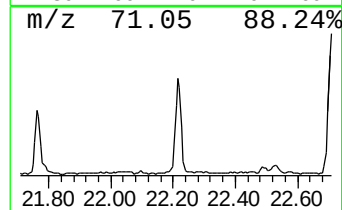
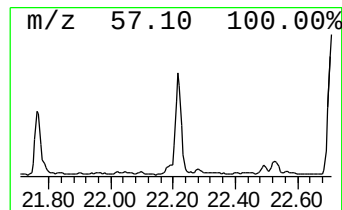
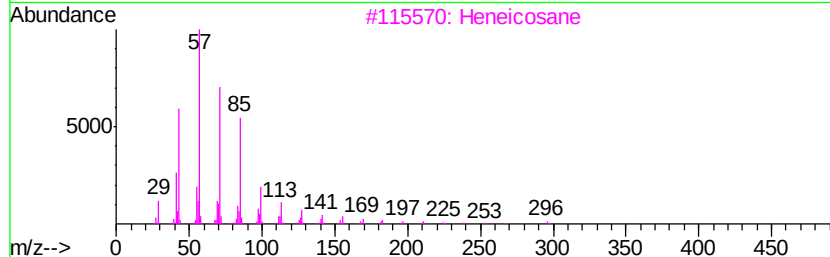
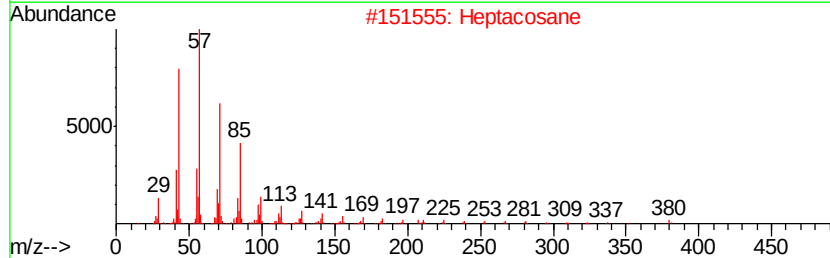
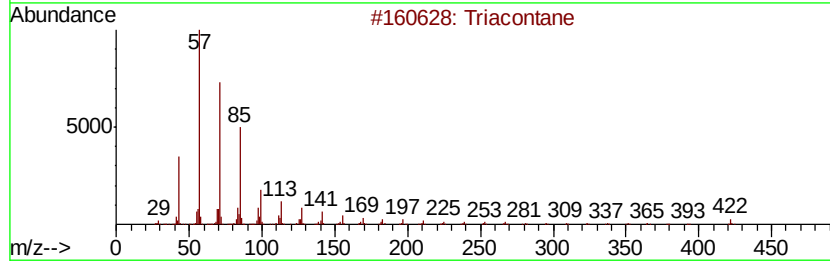
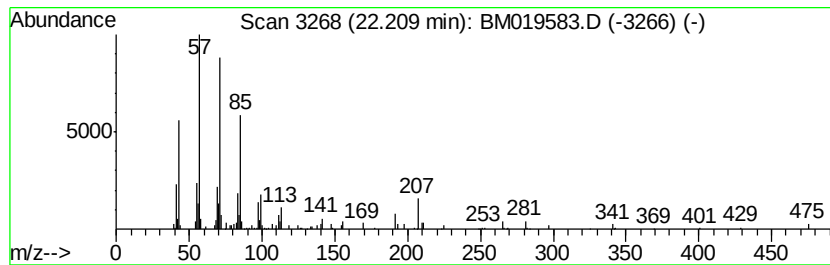
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.01 ng/ul	240043	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	86
2		Heptacosane	380	C27H56	000593-49-7	86
3		Heneicosane	296	C21H44	000629-94-7	83
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5		Nonacosane	408	C29H60	000630-03-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019583.D
Acq On : 29 Mar 2019 17:10
Operator : JU/SJ
Sample : K2085-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7S9

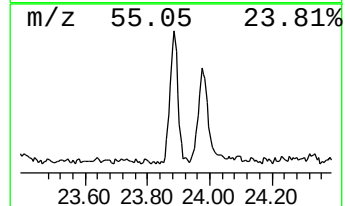
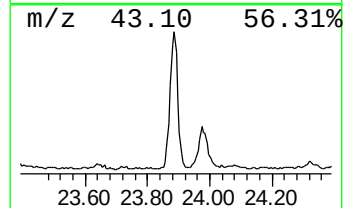
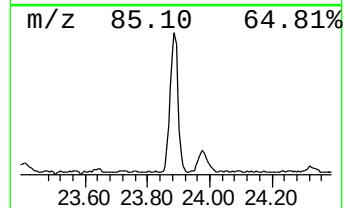
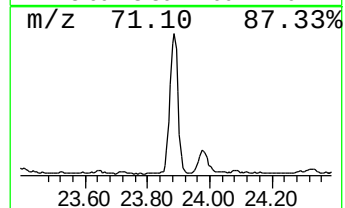
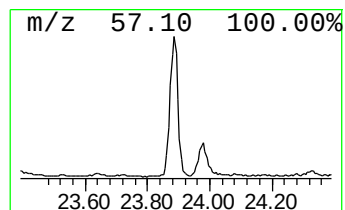
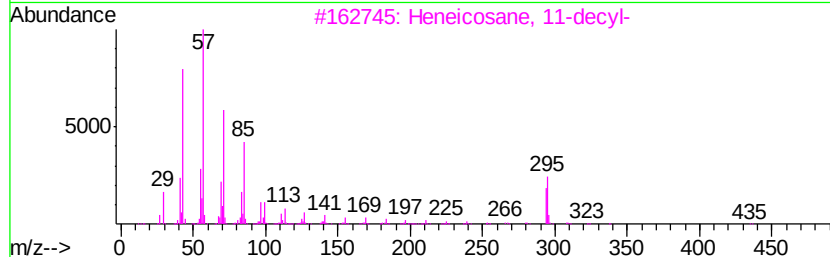
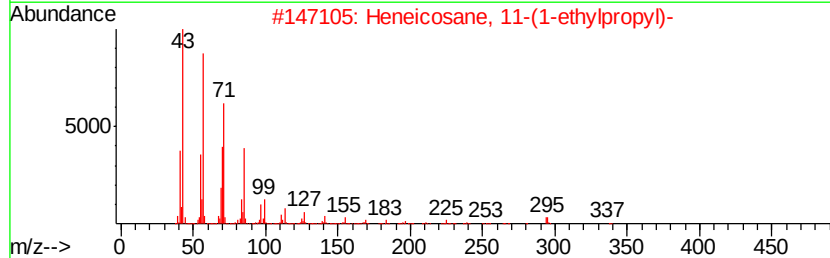
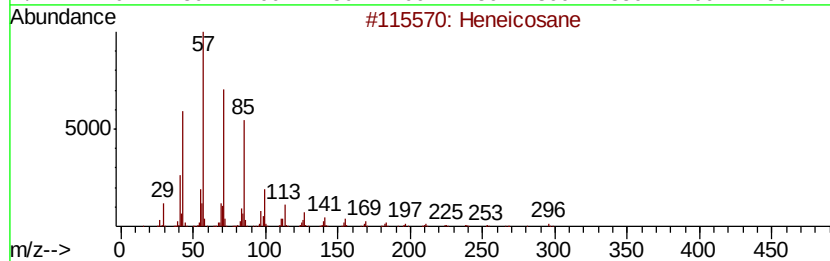
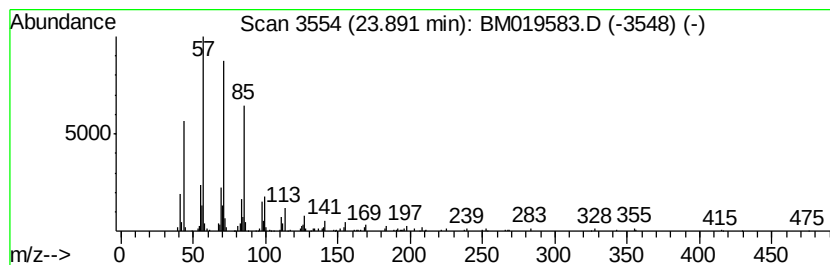
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
23.89	2.93 ng/ul	410462	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019583.D
Acq On : 29 Mar 2019 17:10
Operator : JU/SJ
Sample : K2085-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7S9

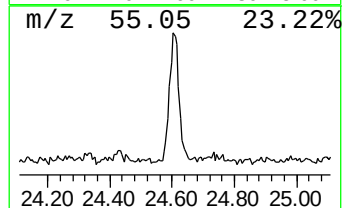
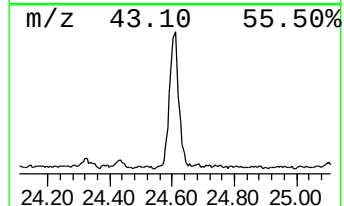
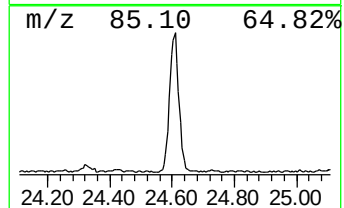
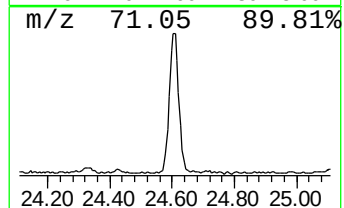
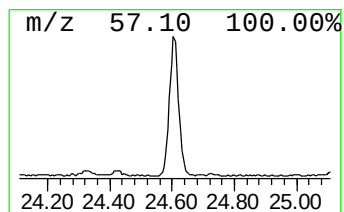
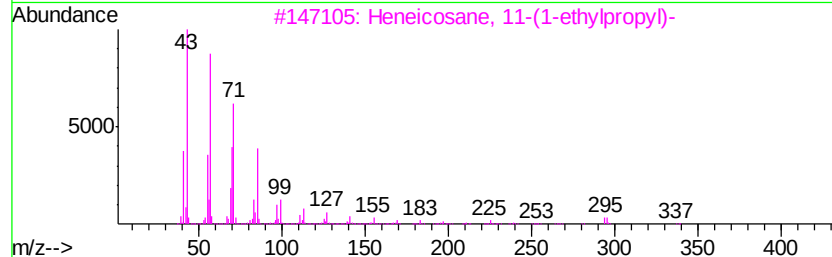
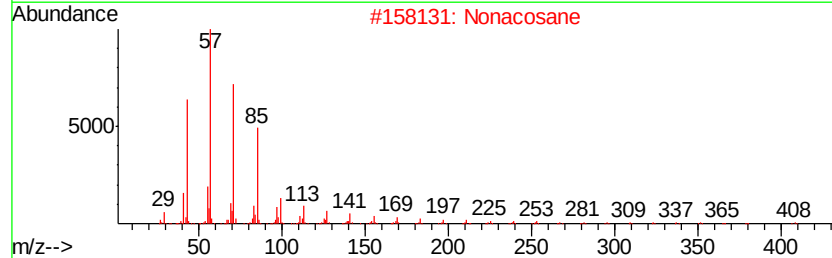
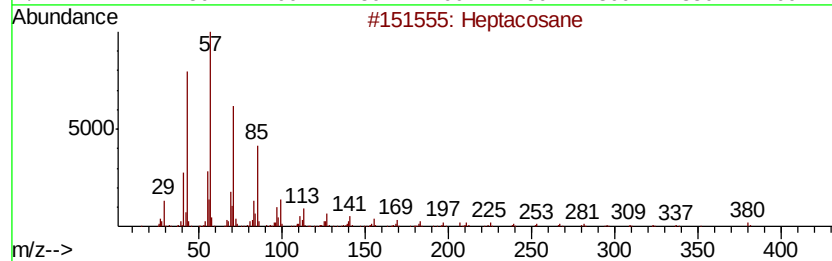
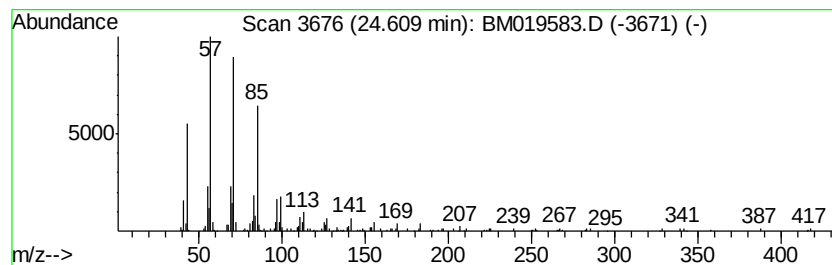
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	2.78 ng/ul	389176	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019583.D
Acq On : 29 Mar 2019 17:10
Operator : JU/SJ
Sample : K2085-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7S9

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
n-Hexadecanoic acid	17.89	2.1	ng/ul	163100	4	17.00	1581330	20.0
unknown-01	19.74	2.1	ng/ul	247531	5	21.20	2388180	20.0
Eicosanoic acid, ...	19.78	4.3	ng/ul	514714	5	21.20	2388180	20.0
(DEL) Alkane: Cyc...	20.90	4.4	ng/ul	524551	5	21.20	2388180	20.0
(DEL) Alkane: Str...	22.21	2.0	ng/ul	240043	5	21.20	2388180	20.0
(DEL) Alkane: Str...	23.89	2.9	ng/ul	410462	6	23.41	2804690	20.0
(DEL) Alkane: Str...	24.61	2.8	ng/ul	389176	6	23.41	2804690	20.0