

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
 Data File : BM020447.D
 Acq On : 21 May 2019 02:24
 Operator : JU/SJ
 Sample : K2788-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5197

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-BM051619MA.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	3.222	38	40	45	rVB2	23939	25733	1.17%	0.119%
2	6.899	659	665	676	rBV	311511	536549	24.34%	2.484%
3	7.069	689	694	704	rBV	239524	397007	18.01%	1.838%
4	7.258	720	726	737	rBV	358246	582962	26.44%	2.699%
5	7.728	800	806	815	rBV	268298	429507	19.48%	1.988%
6	8.434	920	926	943	rVB	370651	634581	28.78%	2.938%
7	8.899	998	1005	1018	rBV	297209	519170	23.55%	2.404%
8	9.234	1058	1062	1068	rVB	11155	15266	0.69%	0.071%
9	9.616	1120	1127	1140	rVB	238657	429094	19.46%	1.987%
10	10.140	1210	1216	1233	rBV	375364	685885	31.11%	3.175%
11	10.522	1274	1281	1294	rBV	338616	572367	25.96%	2.650%
12	10.669	1299	1306	1323	rBV	301582	580274	26.32%	2.686%
13	11.722	1482	1485	1491	rVB3	2924	3647	0.17%	0.017%
14	12.122	1548	1553	1557	rBV3	2865	5201	0.24%	0.024%
15	13.792	1831	1837	1841	rBV	696995	942697	42.76%	4.364%
16	13.839	1841	1845	1853	rVB	279445	386933	17.55%	1.791%
17	14.075	1878	1885	1901	rBV	782340	1161171	52.67%	5.376%
18	14.263	1912	1917	1923	rVB4	1928	2944	0.13%	0.014%
19	14.381	1931	1937	1948	rBV2	517779	760150	34.48%	3.519%
20	14.598	1968	1974	1989	rBV	138458	298848	13.56%	1.384%
21	14.792	2006	2007	2011	rVB4	2578	2484	0.11%	0.012%
22	15.163	2066	2070	2073	rBV	2172	2403	0.11%	0.011%
23	15.216	2073	2079	2081	rBV2	2993	3558	0.16%	0.016%
24	15.375	2100	2106	2120	rBV	975625	1415491	64.21%	6.553%
25	15.516	2125	2130	2138	rVV	143710	201179	9.13%	0.931%
26	15.616	2142	2147	2154	rVB2	7216	10387	0.47%	0.048%
27	16.098	2227	2229	2232	rVB2	4454	3384	0.15%	0.016%
28	16.163	2238	2240	2244	rVB	2590	2228	0.10%	0.010%
29	16.869	2357	2360	2366	rVB3	3498	3560	0.16%	0.016%
30	16.922	2366	2369	2374	rVB2	2585	3142	0.14%	0.015%
31	17.133	2399	2405	2414	rBV2	675167	927343	42.06%	4.293%
32	17.233	2416	2422	2438	rVB	1053345	1529685	69.39%	7.082%
33	17.610	2482	2486	2488	rBV3	3200	3771	0.17%	0.017%
34	17.880	2527	2532	2537	rBV4	3397	6014	0.27%	0.028%

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35	18.016	2548	2555	2566	rBV2	97215	167534	7.60%	0.776%
36	18.116	2570	2572	2576	rVB4	2517	3299	0.15%	0.015%
37	18.298	2600	2603	2610	rBV6	3882	6424	0.29%	0.030%
38	18.504	2636	2638	2643	rVB4	2546	2948	0.13%	0.014%
39	18.563	2646	2648	2649	rBV2	2749	2273	0.10%	0.011%
40	18.769	2680	2683	2685	rBV3	2434	2973	0.13%	0.014%
41	18.816	2689	2691	2695	rBV3	2842	4563	0.21%	0.021%
42	18.851	2695	2697	2700	rBV4	3179	3849	0.17%	0.018%
43	18.939	2710	2712	2715	rVB4	4939	5038	0.23%	0.023%
44	19.163	2745	2750	2758	rBV2	14231	32813	1.49%	0.152%
45	19.298	2769	2773	2778	rBV2	37961	55142	2.50%	0.255%
46	19.421	2791	2794	2797	rBV	5493	6502	0.29%	0.030%
47	19.533	2807	2813	2824	rBV	1439181	1928214	87.46%	8.927%
48	19.916	2876	2878	2880	rBV3	3445	2940	0.13%	0.014%
49	20.057	2899	2902	2906	rVB5	15845	20048	0.91%	0.093%
50	20.110	2909	2911	2912	rBV2	4580	3214	0.15%	0.015%
51	20.451	2962	2969	2977	rBV2	100338	173352	7.86%	0.803%
52	20.551	2983	2986	2992	rBV3	41001	48937	2.22%	0.227%
53	21.021	3062	3066	3073	rBV2	96683	139730	6.34%	0.647%
54	21.327	3112	3118	3125	rBV	850023	1150228	52.18%	5.325%
55	21.457	3136	3140	3144	rVB	81666	88836	4.03%	0.411%
56	21.886	3210	3213	3218	rBV	119715	141508	6.42%	0.655%
57	22.357	3289	3293	3301	rVB	170189	233491	10.59%	1.081%
58	22.480	3311	3314	3320	rVB2	70093	94919	4.31%	0.439%
59	22.862	3375	3379	3385	rVB	194194	293273	13.30%	1.358%
60	23.456	3472	3480	3488	rBV	1045356	2204556	100.00%	10.206%
61	23.598	3498	3504	3515	rVB	616352	1155770	52.43%	5.351%
62	24.092	3584	3588	3594	rVB	158941	300659	13.64%	1.392%
63	24.845	3713	3716	3726	rVB2	107321	242174	10.99%	1.121%

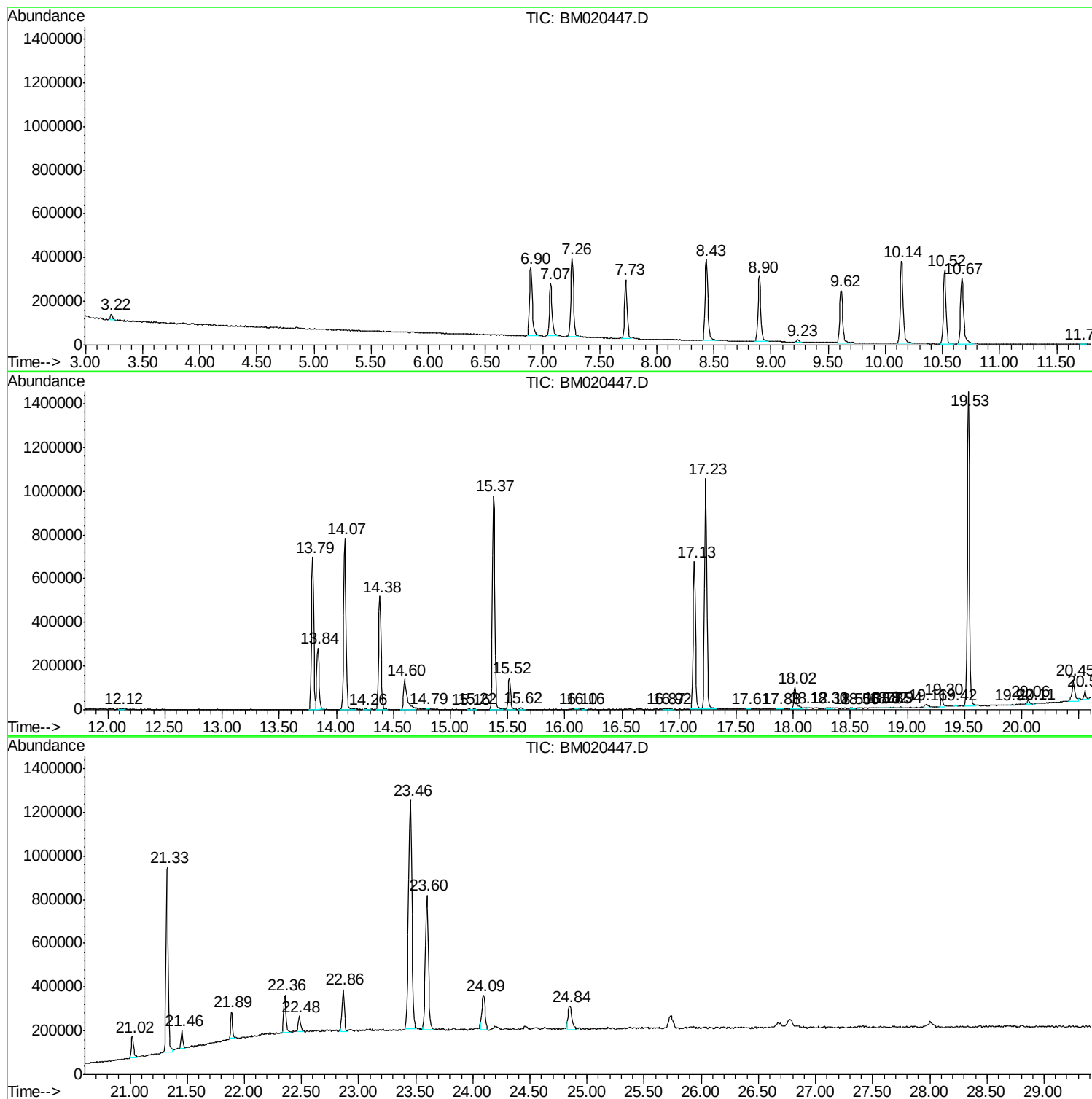
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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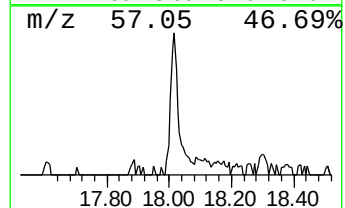
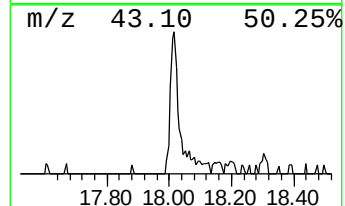
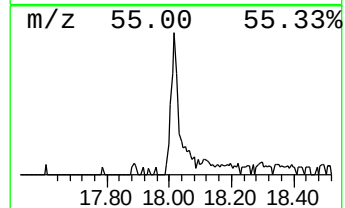
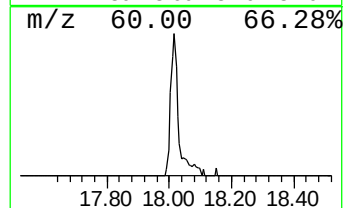
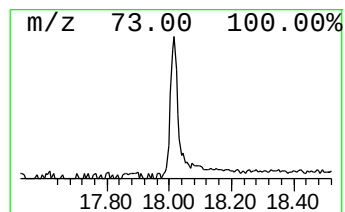
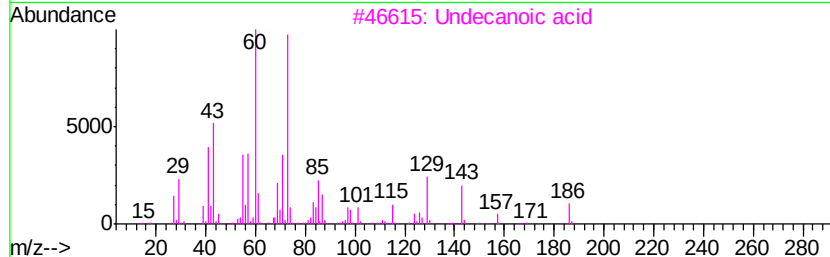
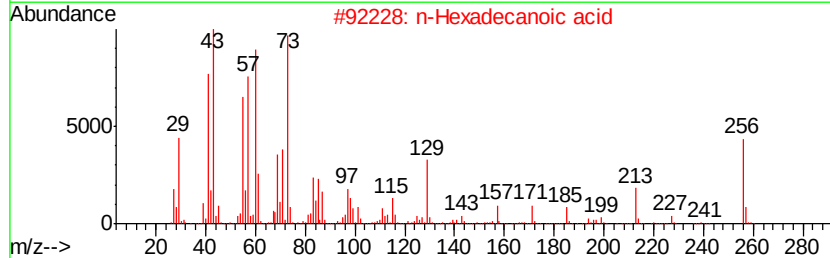
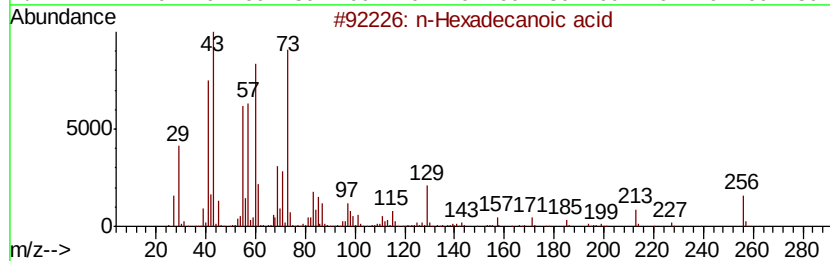
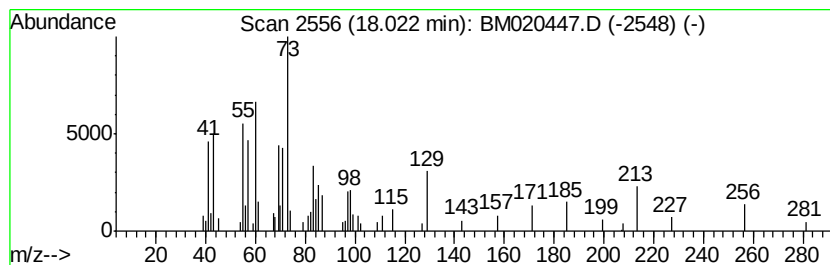
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.02	3.61 ng/ul	167534	Phenanthrene-d10	17.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Undecanoic acid	186	C11H22O2	000112-37-8	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47



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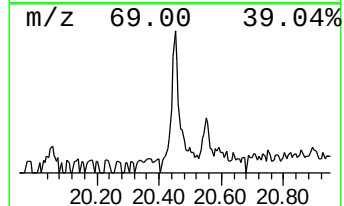
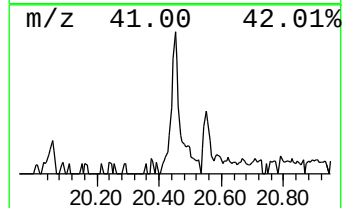
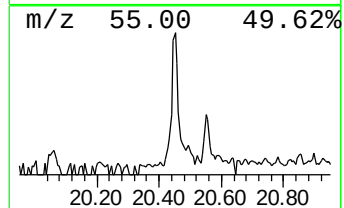
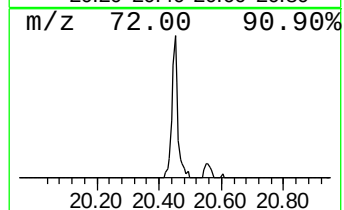
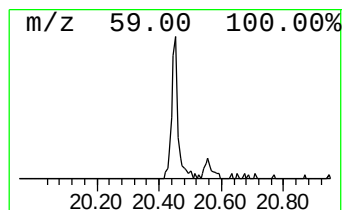
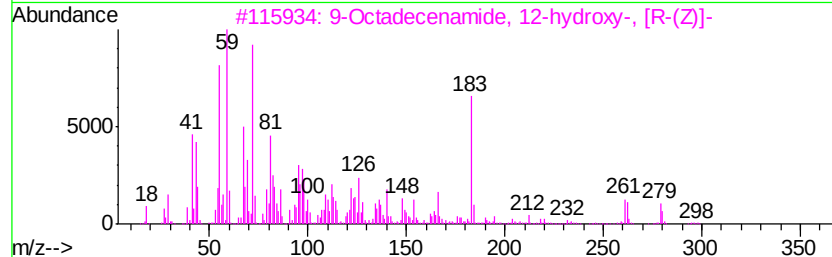
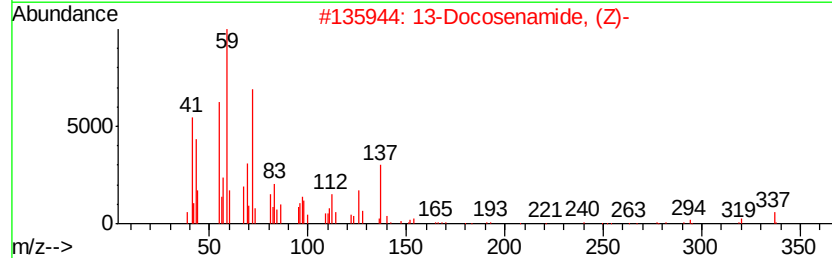
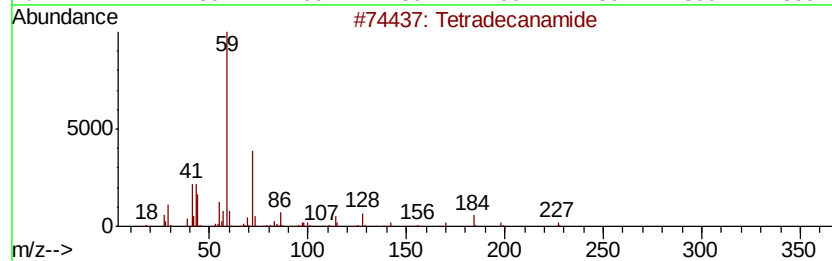
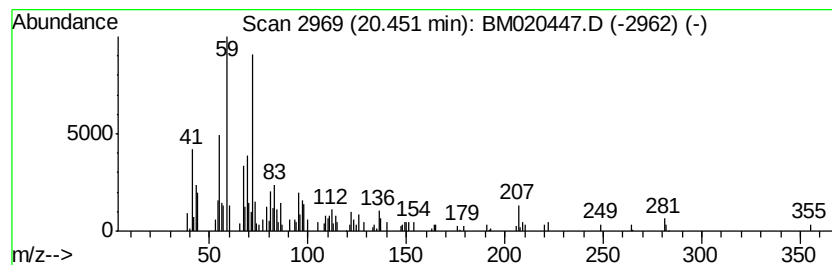
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tetradecanamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.45	3.01 ng/ul	173352	Chrysene-d12	21.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	53
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	53
3	9-Octadecenamide, 12-hydroxy-, [...	297	C18H35NO2	035732-94-6	47
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	42



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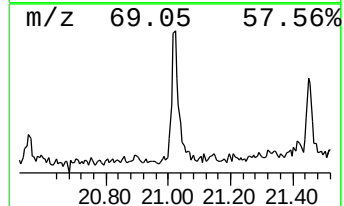
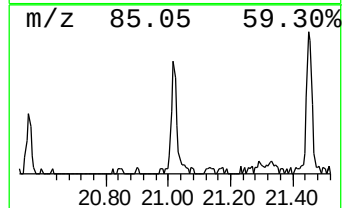
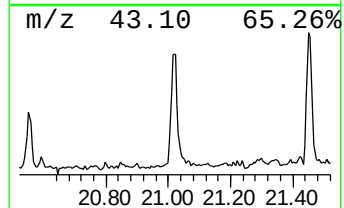
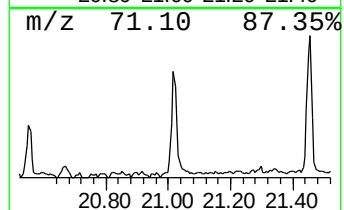
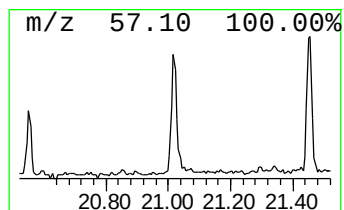
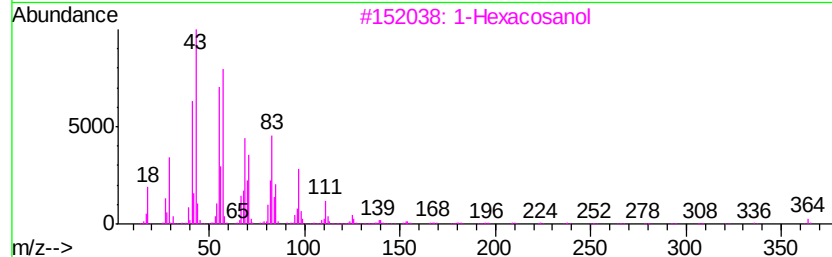
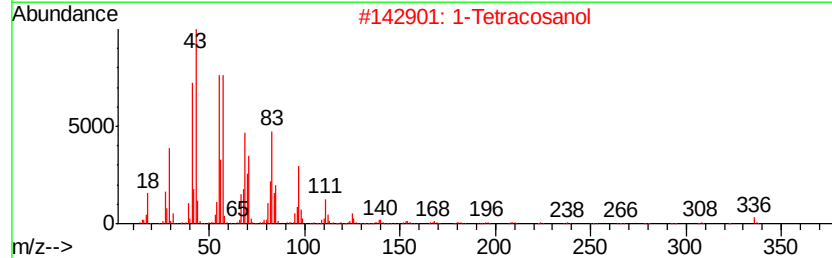
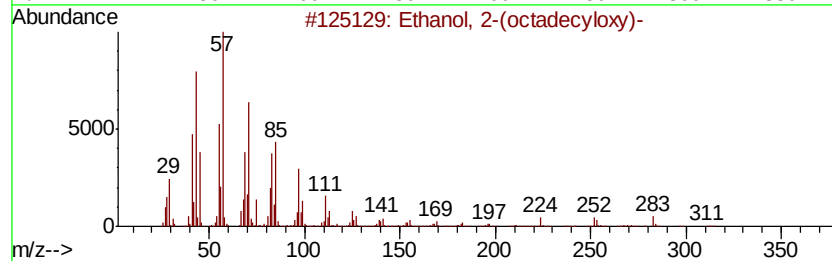
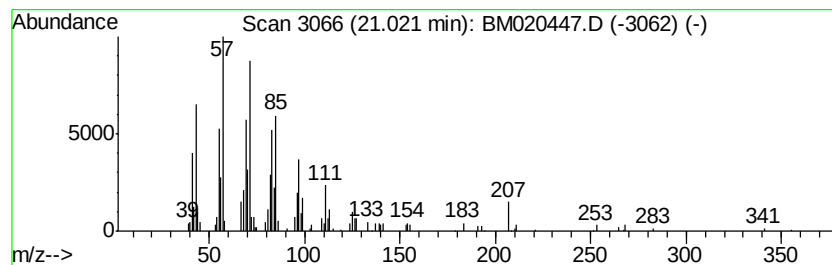
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(octadecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.43 ng/ul	139730	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	74
2		1-Tetracosanol	354	C24H50O	000506-51-4	60
3		1-Hexacosanol	382	C26H54O	000506-52-5	60
4		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	58
5		Nonadecane	268	C19H40	000629-92-5	50



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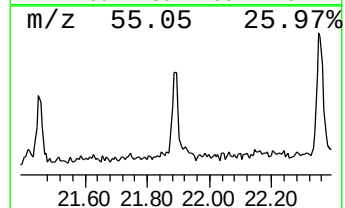
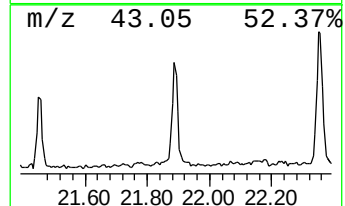
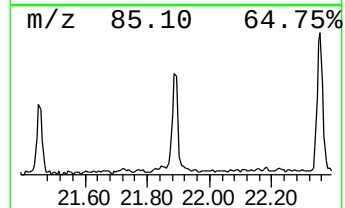
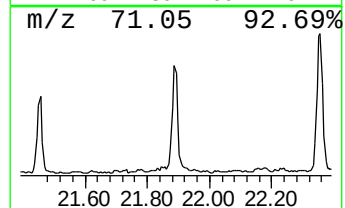
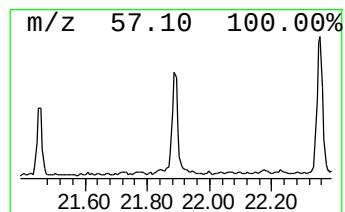
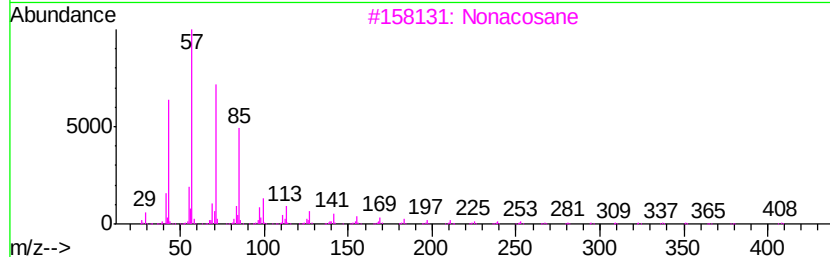
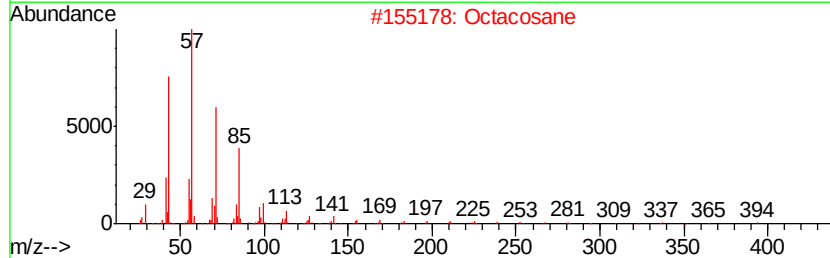
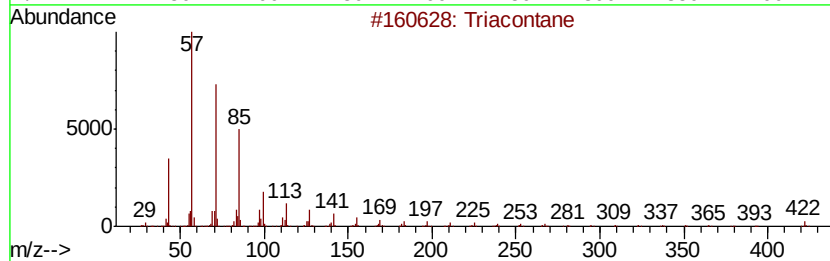
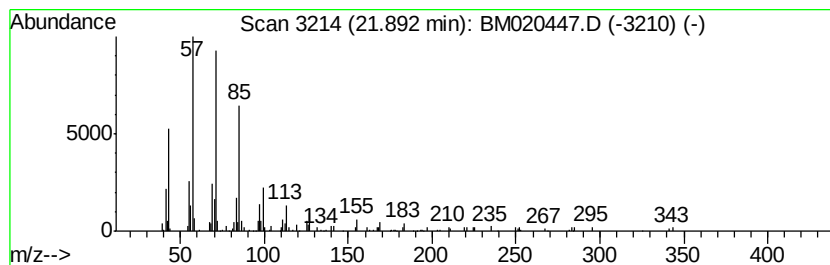
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.46 ng/ul	141508	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Octacosane	394	C28H58	000630-02-4	86
3		Nonacosane	408	C29H60	000630-03-5	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80



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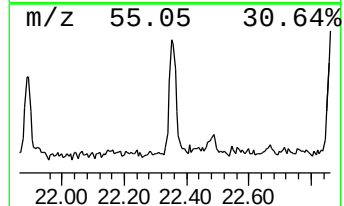
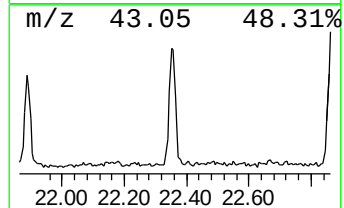
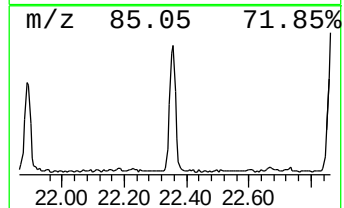
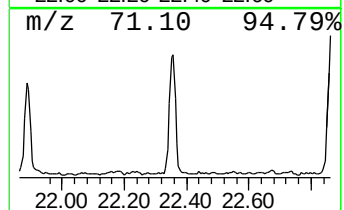
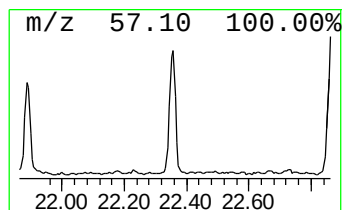
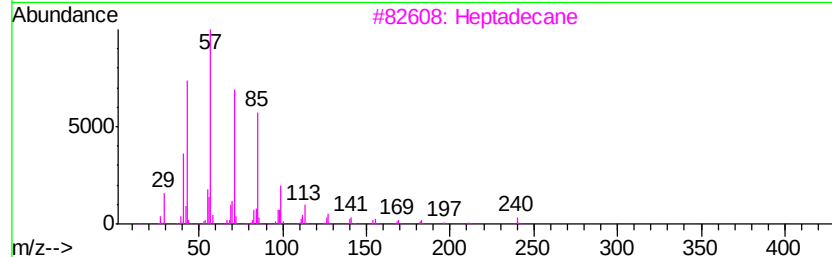
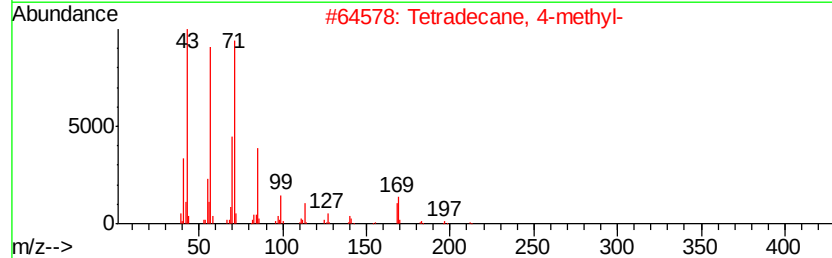
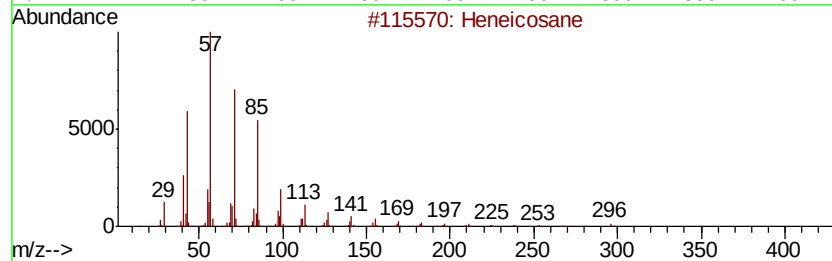
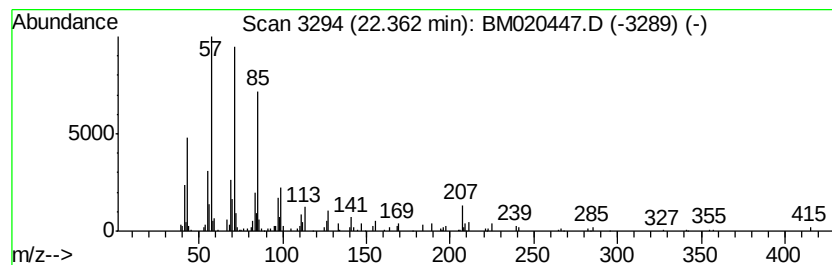
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	4.06 ng/ul	233491	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020447.D
Acq On : 21 May 2019 02:24
Operator : JU/SJ
Sample : K2788-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5197

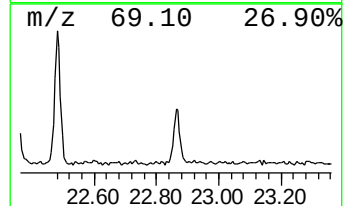
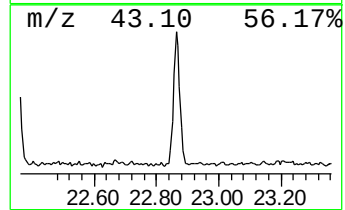
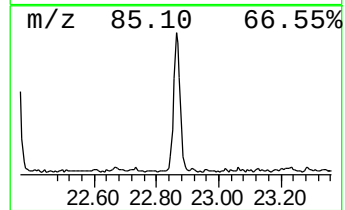
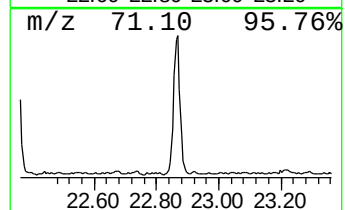
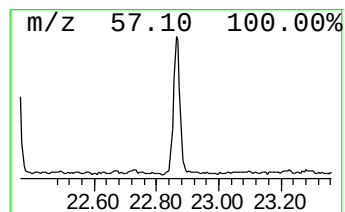
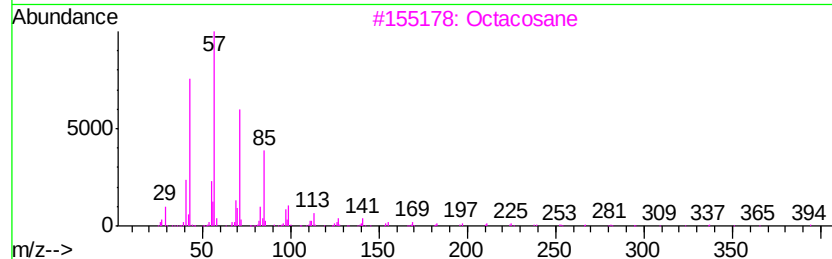
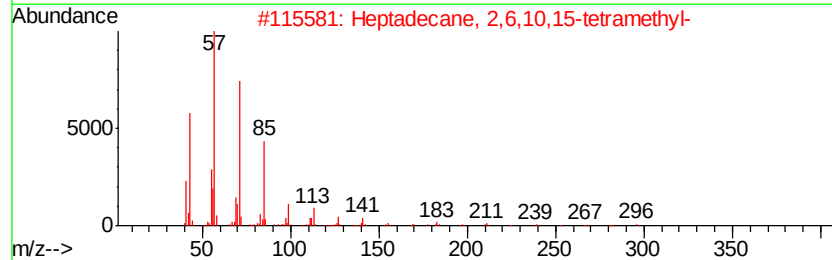
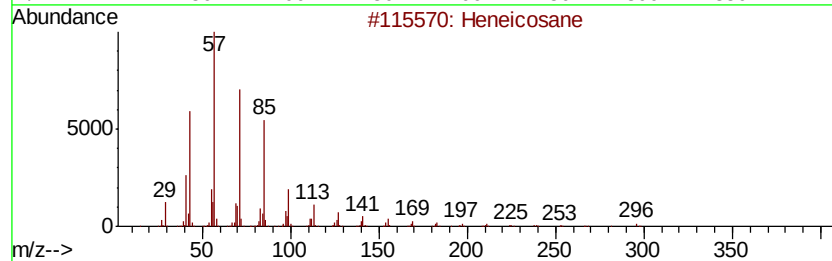
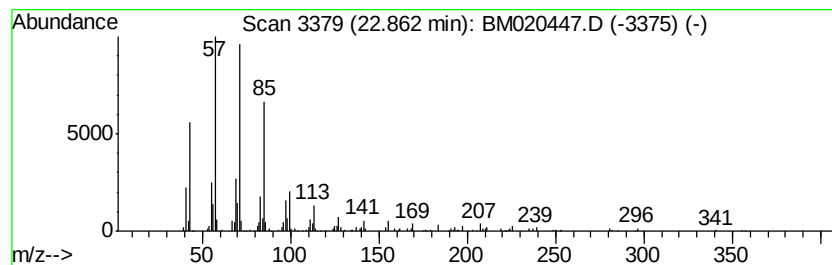
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	5.07 ng/ul	293273	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3		Octacosane	394	C28H58	000630-02-4	87
4		Nonacosane	408	C29H60	000630-03-5	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
 Data File : BM020447.D
 Acq On : 21 May 2019 02:24
 Operator : JU/SJ
 Sample : K2788-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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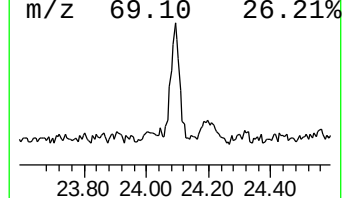
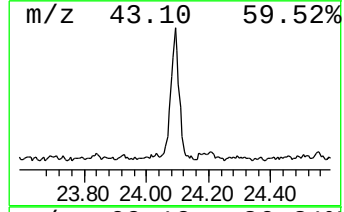
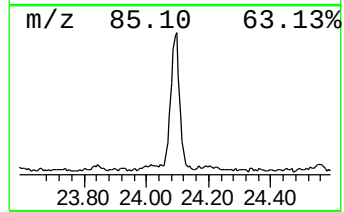
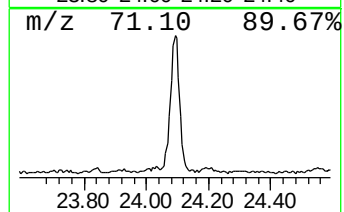
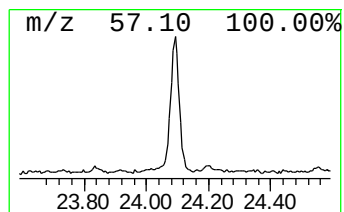
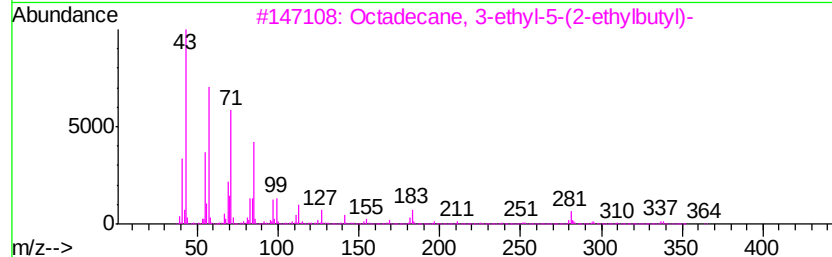
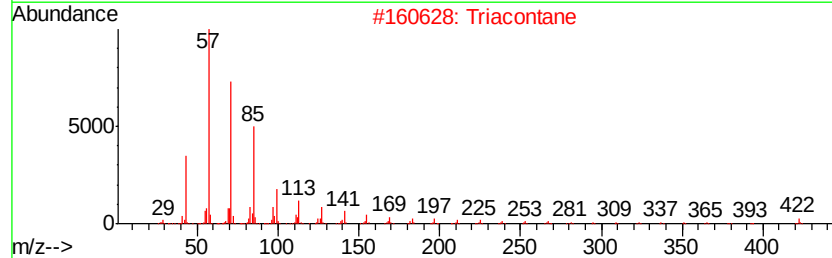
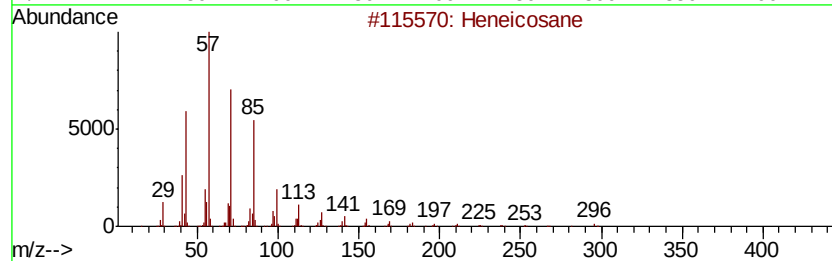
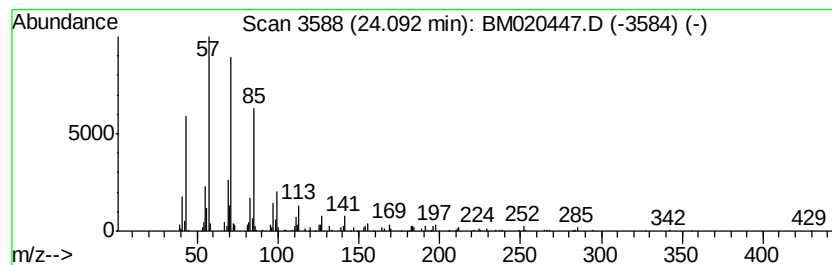
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	5.20 ng/ul	300659	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5		Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020447.D
Acq On : 21 May 2019 02:24
Operator : JU/SJ
Sample : K2788-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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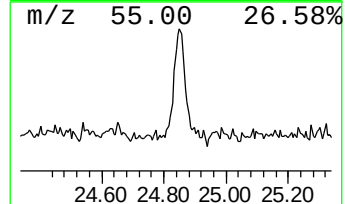
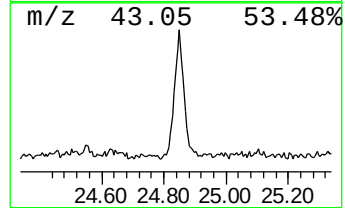
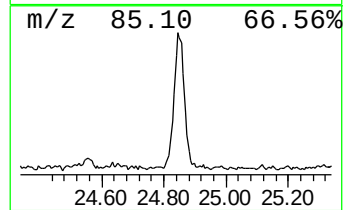
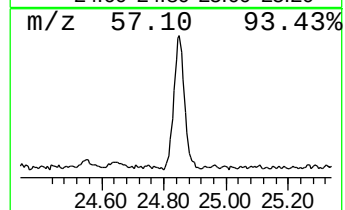
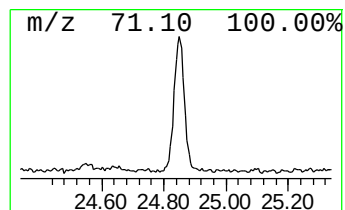
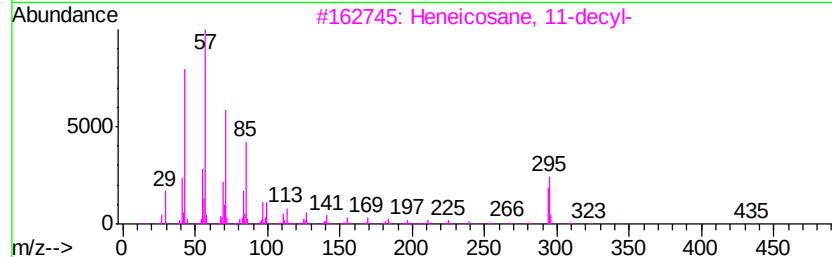
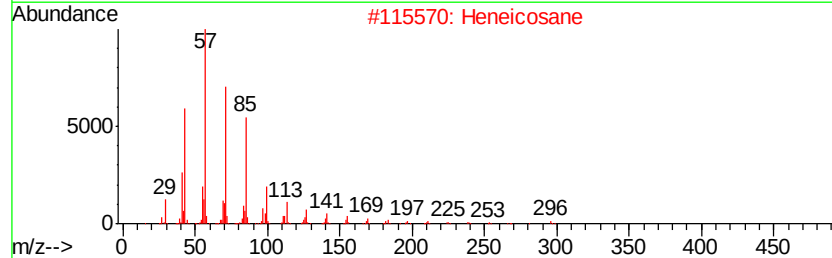
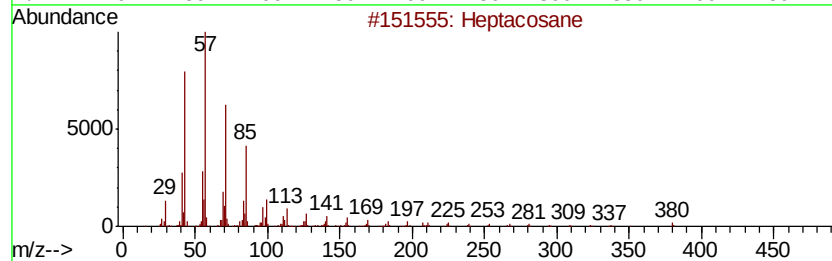
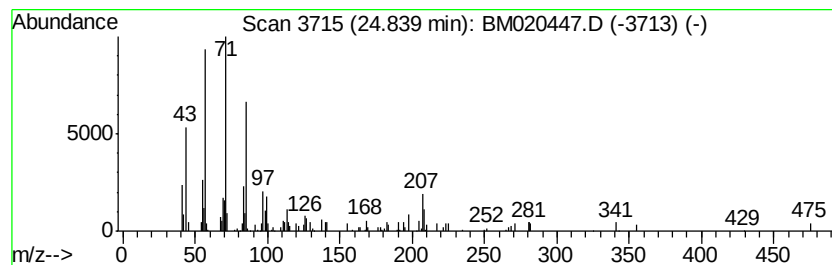
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.84	4.19 ng/ul	242174	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Heneicosane	296	C21H44	000629-94-7	72
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	72
4		Octacosane	394	C28H58	000630-02-4	72
5		Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020447.D
Acq On : 21 May 2019 02:24
Operator : JU/SJ
Sample : K2788-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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	18.02	3.6	ng/ul	167534	4	17.13	927343	20.0
Tetradecanamide	20.45	3.0	ng/ul	173352	5	21.33	1150230	20.0
Ethanol, 2-(octad...	21.02	2.4	ng/ul	139730	5	21.33	1150230	20.0
(DEL) Alkane: Str...	21.89	2.5	ng/ul	141508	5	21.33	1150230	20.0
(DEL) Alkane: Str...	22.36	4.1	ng/ul	233491	5	21.33	1150230	20.0
(DEL) Alkane: Str...	22.86	5.1	ng/ul	293273	6	23.60	1155770	20.0
(DEL) Alkane: Str...	24.09	5.2	ng/ul	300659	6	23.60	1155770	20.0
(DEL) Alkane: Str...	24.84	4.2	ng/ul	242174	6	23.60	1155770	20.0