

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021468.D
 Acq On : 16 Jul 2019 15:32
 Operator : HP/JU
 Sample : K3772-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52L6

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-BM070819MA.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	35	40	60	rVB	4943744	7353944	100.00%	13.797%
2	3.969	164	167	174	rVB2	55597	68695	0.93%	0.129%
3	6.904	661	666	677	rVB	207163	362496	4.93%	0.680%
4	7.069	689	694	711	rVB	601803	1007444	13.70%	1.890%
5	7.263	720	727	740	rVB	718697	1189765	16.18%	2.232%
6	7.728	800	806	814	rVB	560643	911929	12.40%	1.711%
7	8.434	920	926	938	rVB	590862	942940	12.82%	1.769%
8	8.893	997	1004	1015	rVB	813925	1359972	18.49%	2.552%
9	9.240	1061	1063	1071	rVB2	6485	9477	0.13%	0.018%
10	9.604	1118	1125	1140	rVB	691164	1136007	15.45%	2.131%
11	10.140	1208	1216	1233	rVB	960151	1769153	24.06%	3.319%
12	10.510	1272	1279	1289	rVB	794590	1319406	17.94%	2.475%
13	10.675	1300	1307	1317	rBV	51081	117702	1.60%	0.221%
14	12.110	1546	1551	1560	rBV3	12357	23238	0.32%	0.044%
15	13.786	1829	1836	1841	rBV	1997968	2713877	36.90%	5.092%
16	13.833	1841	1844	1855	rVB	294676	392806	5.34%	0.737%
17	14.063	1876	1883	1895	rBV	2348673	3377085	45.92%	6.336%
18	14.369	1929	1935	1945	rBV2	1165389	1768825	24.05%	3.319%
19	14.604	1968	1975	1990	rBV	68028	184309	2.51%	0.346%
20	15.210	2075	2078	2084	rVB4	8244	11565	0.16%	0.022%
21	15.369	2098	2105	2117	rBV	2809791	4146546	56.39%	7.780%
22	15.498	2122	2127	2141	rVV	618927	912557	12.41%	1.712%
23	15.610	2141	2146	2151	rVB	31552	45633	0.62%	0.086%
24	16.074	2221	2225	2231	rBV2	6150	8454	0.11%	0.016%
25	16.151	2235	2238	2243	rVB2	9830	12750	0.17%	0.024%
26	16.869	2356	2360	2363	rBV3	7348	9273	0.13%	0.017%
27	17.121	2397	2403	2413	rBV2	1463947	2015107	27.40%	3.781%
28	17.221	2413	2420	2439	rVV	3004511	4199101	57.10%	7.878%
29	17.610	2482	2486	2489	rBV4	6133	8581	0.12%	0.016%
30	17.880	2530	2532	2535	rBV3	7548	8804	0.12%	0.017%
31	18.010	2549	2554	2564	rBV	132042	208462	2.83%	0.391%
32	18.092	2565	2568	2576	rVB2	10892	21141	0.29%	0.040%
33	18.304	2600	2604	2606	rBV4	12052	14527	0.20%	0.027%
34	18.939	2708	2712	2715	rBV	15945	19827	0.27%	0.037%

LSC Area Percent Report

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35	19.151	2744	2748	2758	rBV2	51152	107369	1.46%	0.201%
36	19.292	2768	2772	2779	rBV3	56967	87668	1.19%	0.164%
37	19.404	2788	2791	2796	rVB	24278	27256	0.37%	0.051%
38	19.521	2804	2811	2816	rBV	3483308	4764939	64.79%	8.940%
39	20.051	2898	2901	2905	rVB	56174	63812	0.87%	0.120%
40	20.551	2983	2986	2990	rBV	120472	128035	1.74%	0.240%
41	21.015	3062	3065	3075	rBV2	226093	327148	4.45%	0.614%
42	21.315	3110	3116	3123	rBV	1523534	2126546	28.92%	3.990%
43	21.451	3136	3139	3143	rBV	242494	236465	3.22%	0.444%
44	21.886	3210	3213	3218	rBV	224154	272869	3.71%	0.512%
45	22.356	3289	3293	3298	rBV2	210307	279068	3.79%	0.524%
46	22.862	3376	3379	3385	rVB	196519	262651	3.57%	0.493%
47	23.427	3469	3475	3486	rBV	2712383	4852522	65.99%	9.104%
48	23.574	3494	3500	3510	rVB2	1084701	2112629	28.73%	3.964%

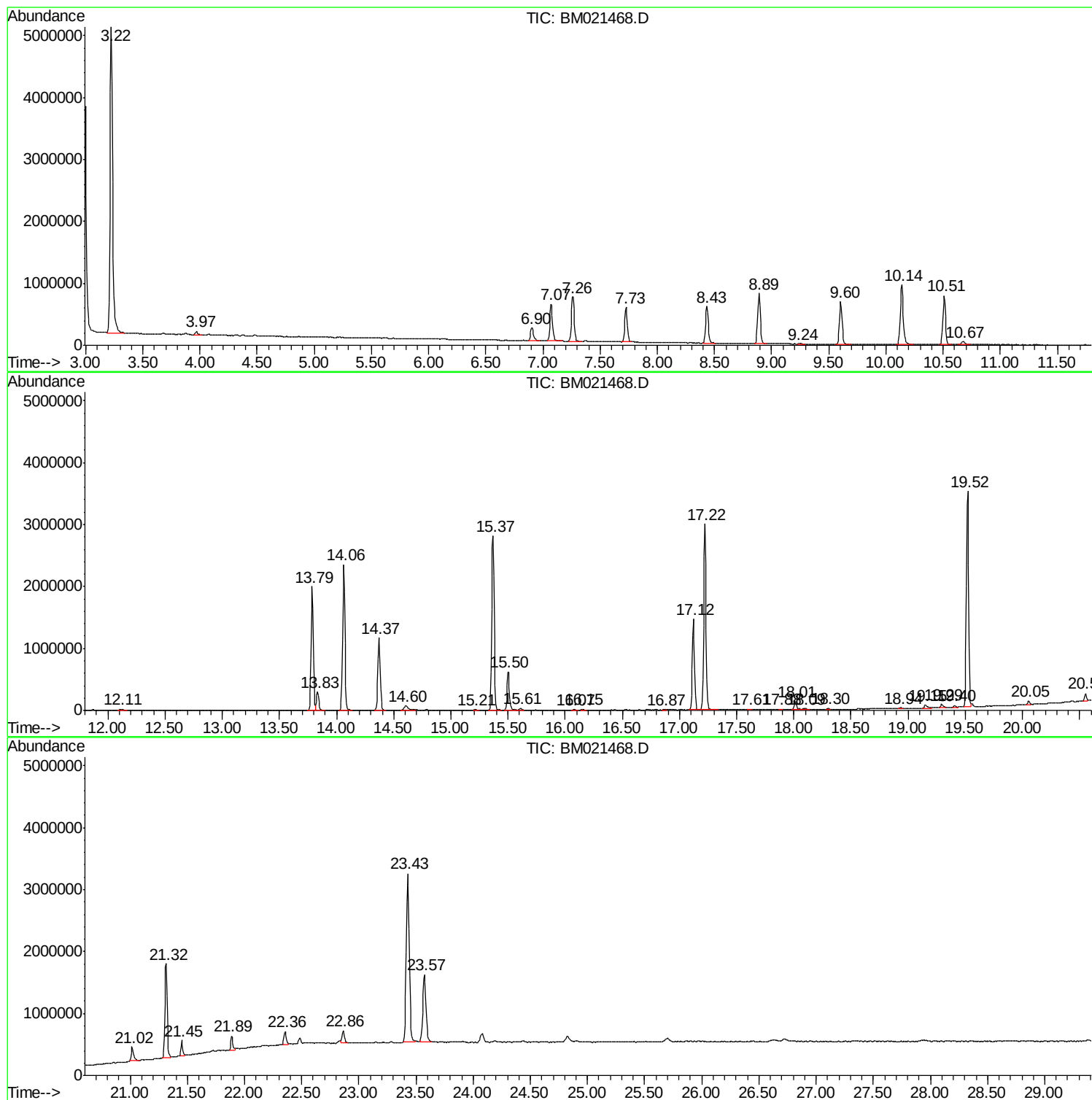
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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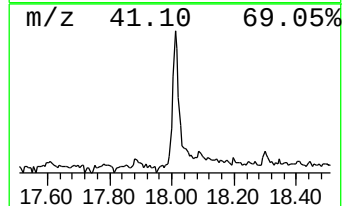
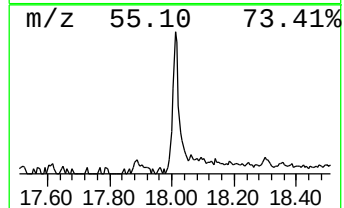
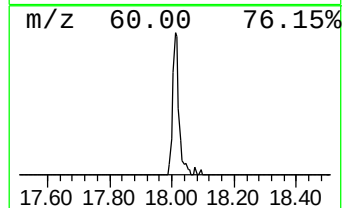
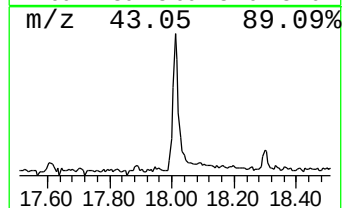
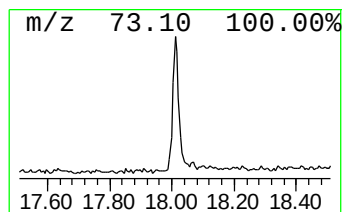
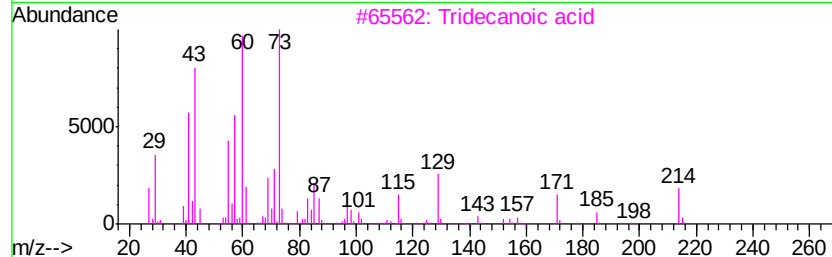
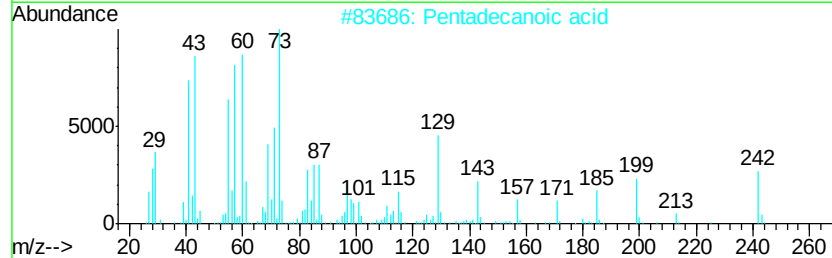
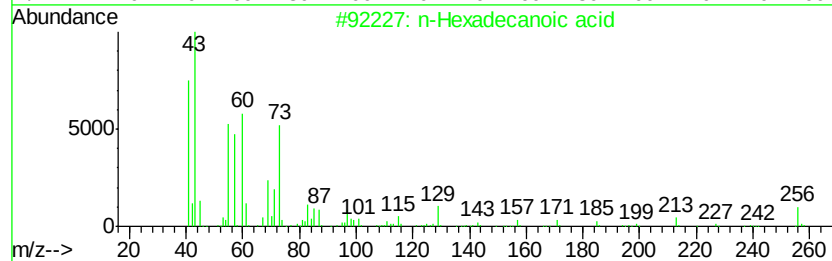
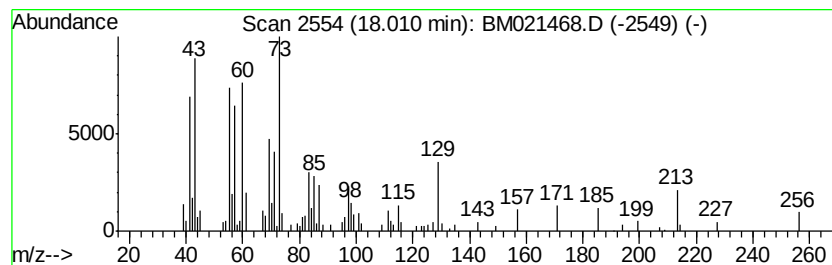
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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.
18.01	2.07 ng/ul	208462	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



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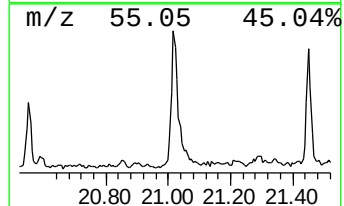
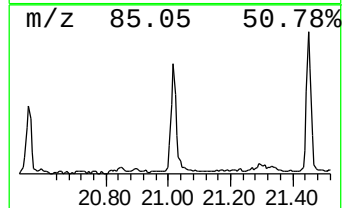
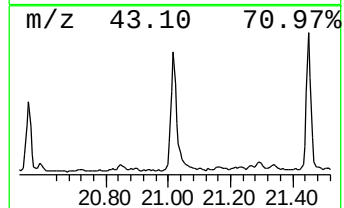
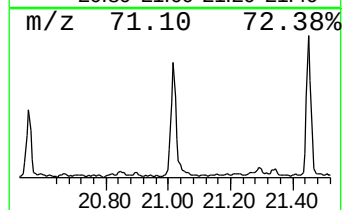
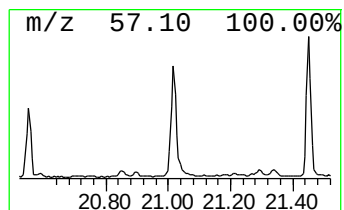
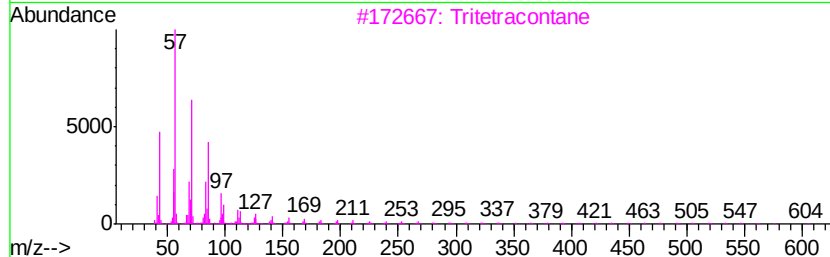
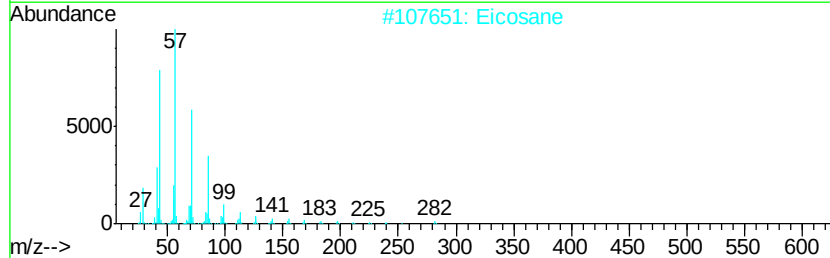
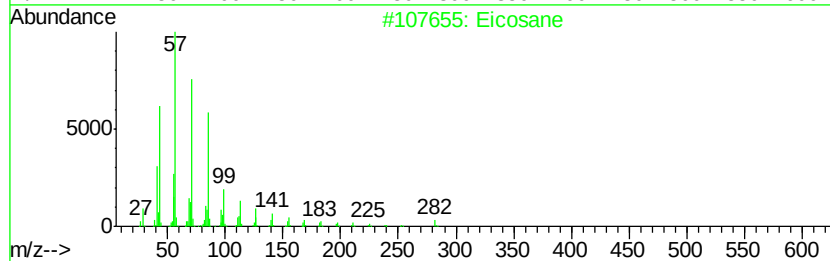
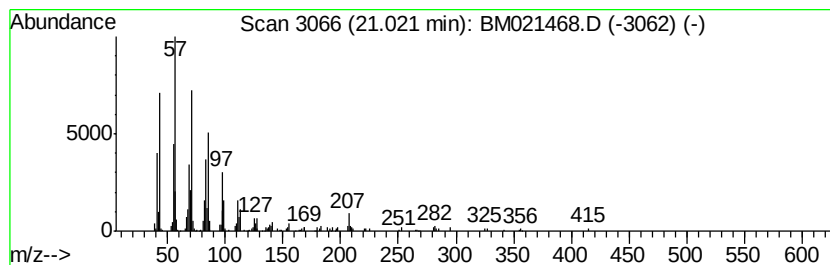
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.08 ng/ul	327148	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Eicosane	282	C20H42	000112-95-8	92
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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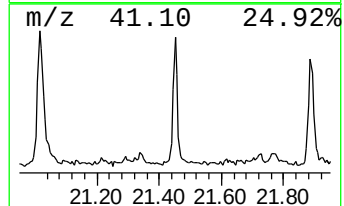
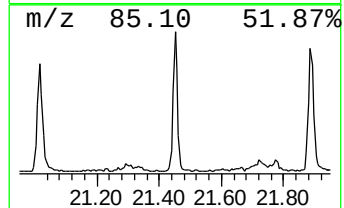
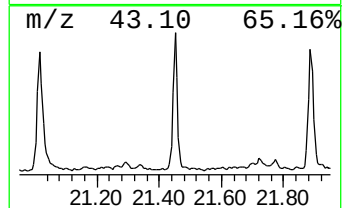
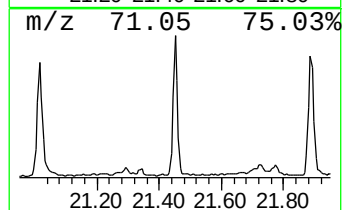
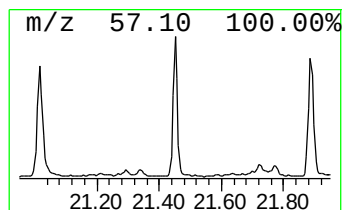
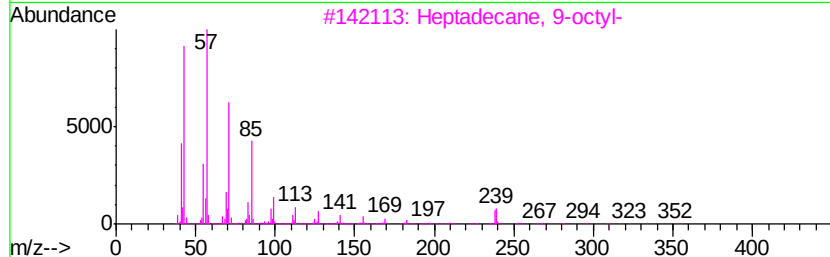
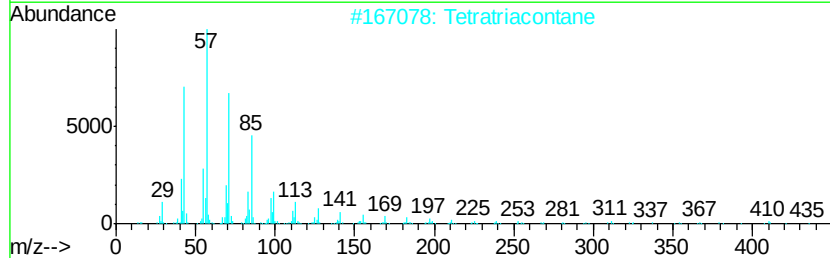
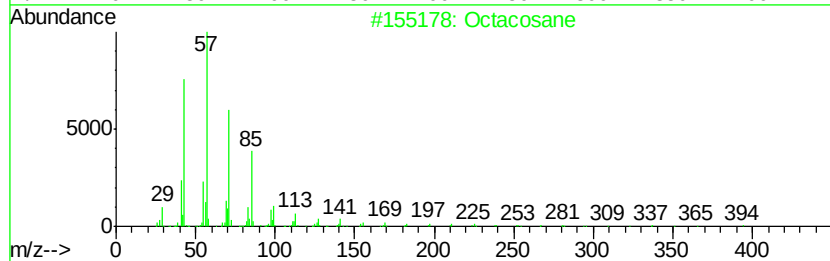
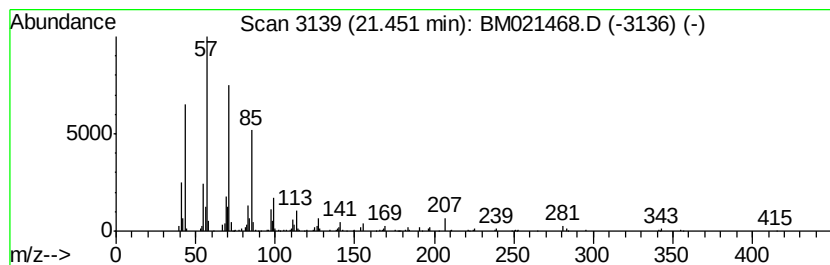
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.22 ng/ul	236465	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Docosane	310	C22H46	000629-97-0	87



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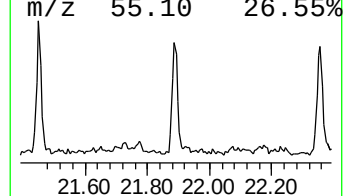
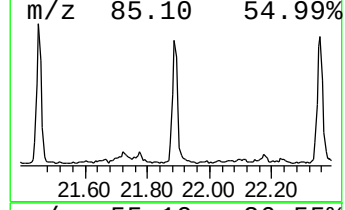
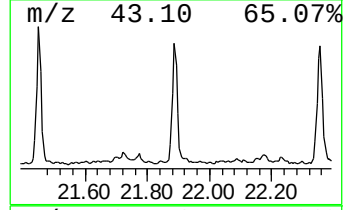
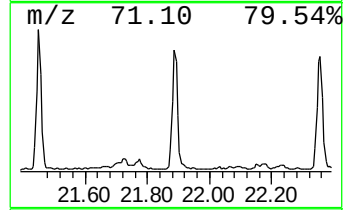
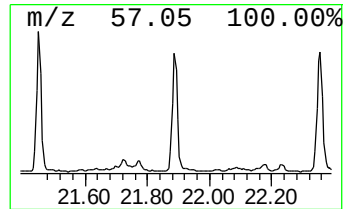
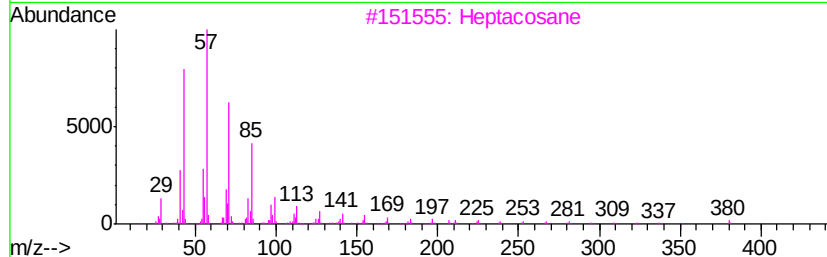
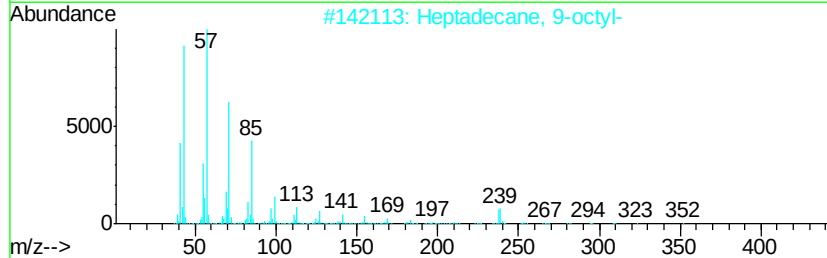
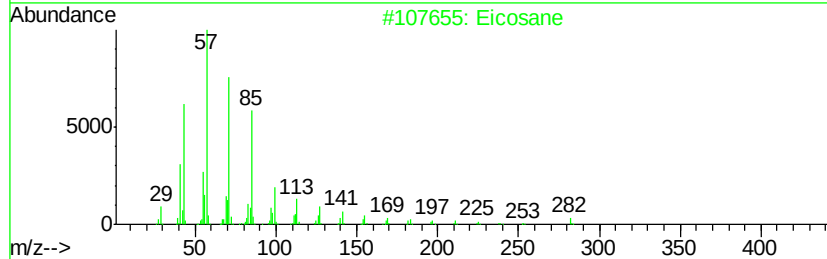
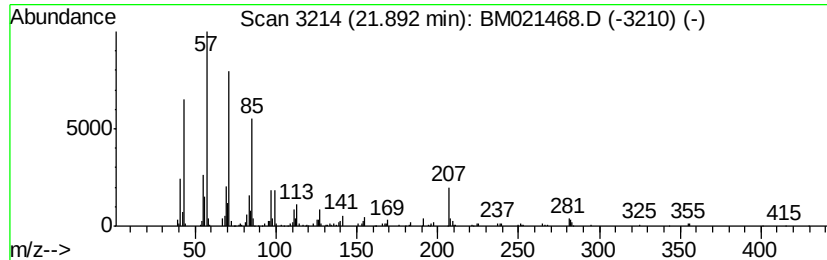
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.57 ng/ul	272869	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3		Heptacosane	380	C27H56	000593-49-7	76
4		Heptadecane	240	C17H36	000629-78-7	74
5		Heneicosane	296	C21H44	000629-94-7	74



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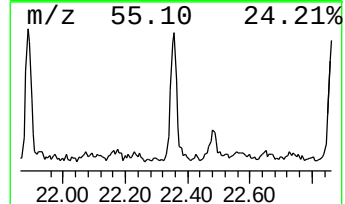
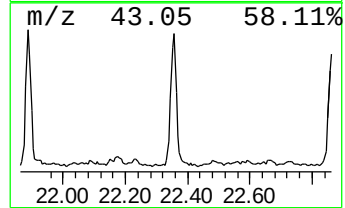
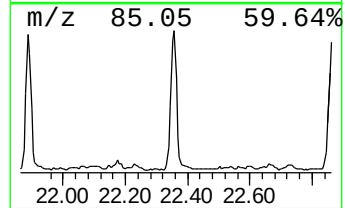
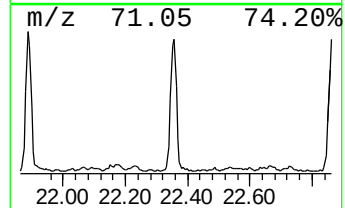
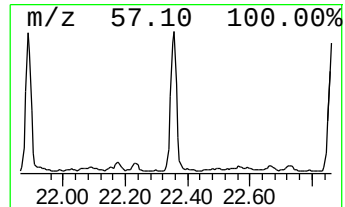
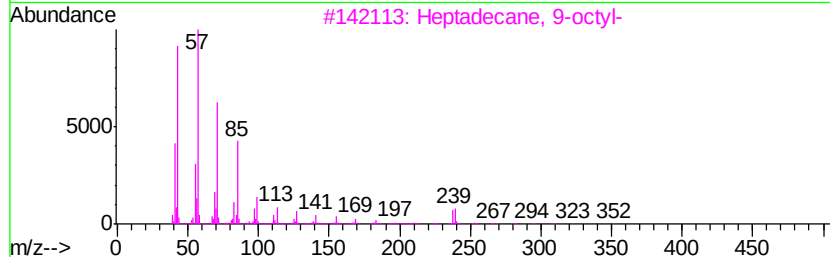
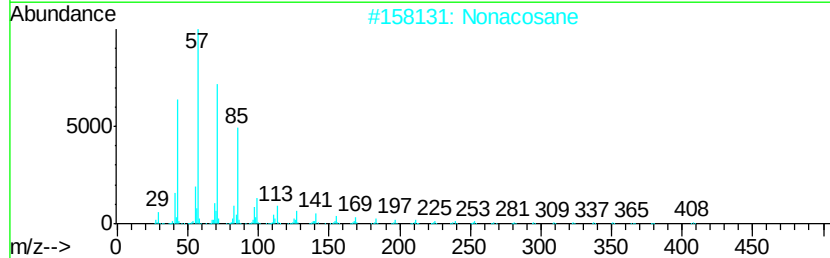
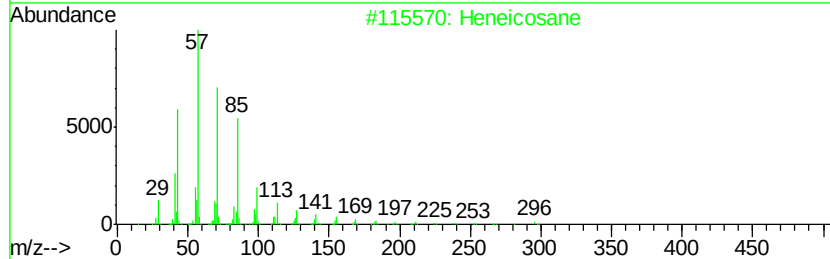
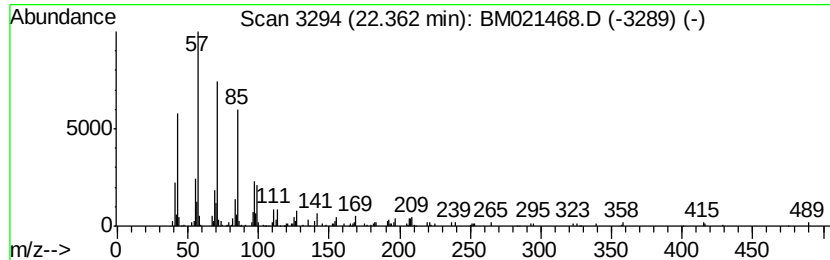
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.36	2.62 ng/ul	279068	Chrysene-d12	21.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonacosane	408	C29H60	000630-03-5	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021468.D
Acq On : 16 Jul 2019 15:32
Operator : HP/JU
Sample : K3772-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52L6

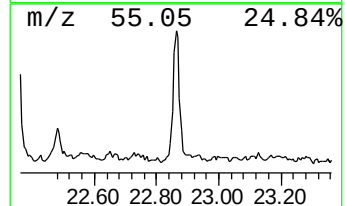
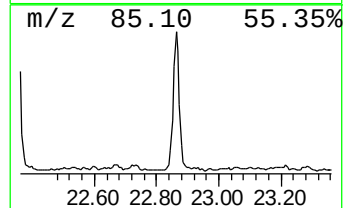
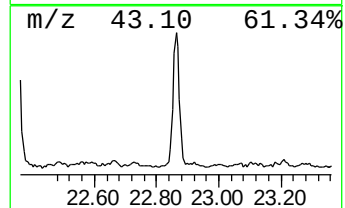
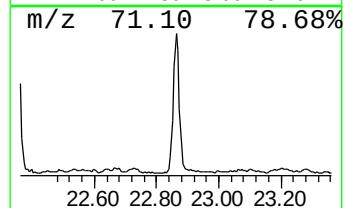
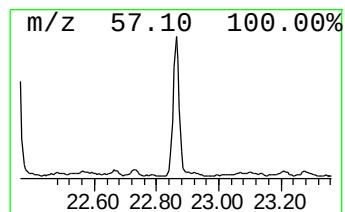
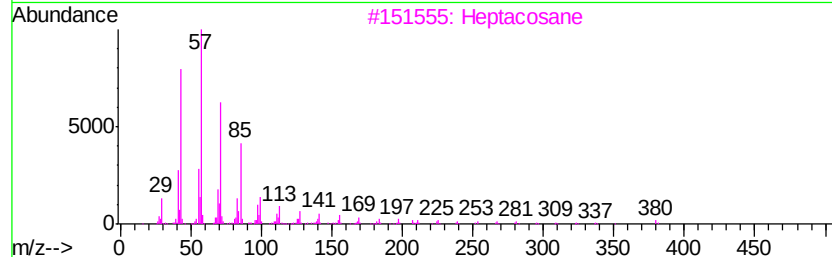
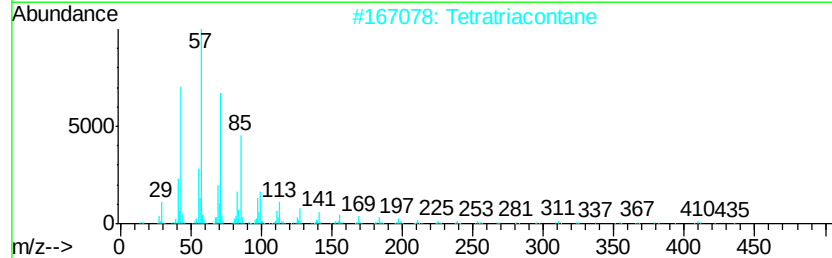
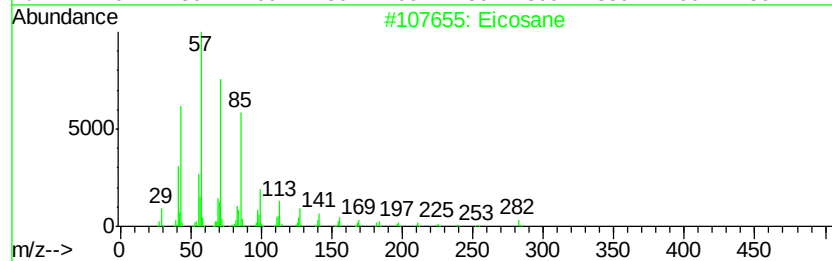
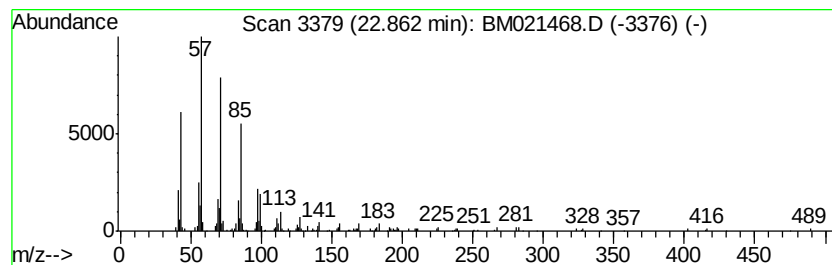
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.49 ng/ul	262651	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Eicosane	282	C20H42	000112-95-8	89
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071619\
Data File : BM021468.D
Acq On : 16 Jul 2019 15:32
Operator : HP/JU
Sample : K3772-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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	18.01	2.1	ng/ul	208462	4	17.12	2015110	20.0
(DEL) Alkane: Str...	21.02	3.1	ng/ul	327148	5	21.32	2126550	20.0
(DEL) Alkane: Str...	21.45	2.2	ng/ul	236465	5	21.32	2126550	20.0
(DEL) Alkane: Str...	21.89	2.6	ng/ul	272869	5	21.32	2126550	20.0
(DEL) Alkane: Str...	22.36	2.6	ng/ul	279068	5	21.32	2126550	20.0
(DEL) Alkane: Str...	22.86	2.5	ng/ul	262651	6	23.57	2112630	20.0