

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
 Data File : BM020992.D
 Acq On : 17 Jun 2019 23:01
 Operator : HP/JU
 Sample : K3332-23
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A41W4

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-BM061419MA.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	3.034	4	8	20	rVB	1656706	2259538	23.96%	2.302%
2	3.299	49	53	60	rVB2	43491	64168	0.68%	0.065%
3	4.916	326	328	332	rVB3	9320	10603	0.11%	0.011%
4	5.899	492	495	501	rBV6	5647	10381	0.11%	0.011%
5	6.252	551	555	564	rVB2	26222	43050	0.46%	0.044%
6	6.446	586	588	594	rVB5	6627	10771	0.11%	0.011%
7	6.957	668	675	686	rBV	914654	1468054	15.57%	1.496%
8	7.128	698	704	717	rBV	781146	1225957	13.00%	1.249%
9	7.322	730	737	747	rBV	993658	1559707	16.54%	1.589%
10	7.793	810	817	824	rBV	965018	1578428	16.74%	1.608%
11	7.846	824	826	834	rVB3	12205	17537	0.19%	0.018%
12	8.493	926	936	946	rBV	1066051	1690330	17.92%	1.722%
13	8.616	953	957	964	rVB4	8014	15289	0.16%	0.016%
14	8.951	1007	1014	1027	rBV	1010112	1678781	17.80%	1.711%
15	9.104	1037	1040	1047	rVB7	12333	16559	0.18%	0.017%
16	9.328	1074	1078	1084	rVB4	16263	25083	0.27%	0.026%
17	9.669	1129	1136	1149	rBV	868223	1414866	15.00%	1.442%
18	10.198	1219	1226	1243	rBV	1378567	2276442	24.14%	2.320%
19	10.581	1283	1291	1301	rBV	1501507	2480422	26.30%	2.527%
20	10.722	1307	1315	1330	rBV	1086790	1880750	19.94%	1.916%
21	11.504	1441	1448	1457	rBV5	8529	25118	0.27%	0.026%
22	12.175	1555	1562	1569	rBV	19863	33650	0.36%	0.034%
23	12.616	1633	1637	1645	rVB3	20241	30375	0.32%	0.031%
24	13.292	1747	1752	1760	rBV7	10878	20876	0.22%	0.021%
25	13.845	1839	1846	1850	rBV	2814677	4040084	42.84%	4.117%
26	13.886	1850	1853	1861	rVB	790307	1047363	11.11%	1.067%
27	14.122	1886	1893	1905	rVB	3134780	4598661	48.76%	4.686%
28	14.263	1912	1917	1923	rBV6	11511	15707	0.17%	0.016%
29	14.380	1930	1937	1940	rBV	177068	244736	2.60%	0.249%
30	14.427	1940	1945	1953	rVB2	2548589	3797306	40.26%	3.869%
31	14.633	1973	1980	1999	rBV	1106891	1702329	18.05%	1.735%
32	14.792	2004	2007	2012	rVV5	11390	22023	0.23%	0.022%
33	14.857	2012	2018	2023	rVB5	22726	43089	0.46%	0.044%
34	15.222	2076	2080	2085	rBV2	23072	32816	0.35%	0.033%

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35	15.269	2085	2088	2094	rVB3	8310	12516	0.13%	0.013%
36	15.422	2108	2114	2122	rBV	4147935	6117962	64.87%	6.234%
37	15.545	2129	2135	2146	rBV	1279654	1751146	18.57%	1.784%
38	15.663	2150	2155	2162	rVB2	64728	97496	1.03%	0.099%
39	15.810	2175	2180	2190	rVB	334302	436984	4.63%	0.445%
40	16.204	2244	2247	2251	rVB4	7995	11119	0.12%	0.011%
41	16.269	2251	2258	2264	rBV5	13712	29220	0.31%	0.030%
42	16.963	2373	2376	2382	rVB2	14319	23829	0.25%	0.024%
43	17.174	2406	2412	2419	rBV2	3466309	5000024	53.02%	5.095%
44	17.274	2423	2429	2439	rVV	5041945	6967114	73.88%	7.099%
45	17.774	2510	2514	2518	rBV4	12791	17730	0.19%	0.018%
46	18.015	2550	2555	2558	rBV6	18041	29264	0.31%	0.030%
47	18.063	2558	2563	2572	rVV	415215	628538	6.66%	0.640%
48	18.139	2572	2576	2580	rVB	92973	122483	1.30%	0.125%
49	18.357	2610	2613	2618	rVB8	15292	17058	0.18%	0.017%
50	18.921	2707	2709	2714	rVB4	7506	11591	0.12%	0.012%
51	19.204	2752	2757	2759	rBV	75623	111811	1.19%	0.114%
52	19.233	2759	2762	2768	rVB	84954	122816	1.30%	0.125%
53	19.345	2776	2781	2787	rBV	239504	357502	3.79%	0.364%
54	19.457	2796	2800	2804	rBV	89272	110113	1.17%	0.112%
55	19.568	2812	2819	2831	rBV	6562599	8896183	94.33%	9.065%
56	20.104	2906	2910	2915	rVB2	135907	148828	1.58%	0.152%
57	20.598	2990	2994	2998	rBV	339875	369051	3.91%	0.376%
58	21.062	3069	3073	3081	rVB2	916035	1140591	12.09%	1.162%
59	21.133	3082	3085	3090	rVB	349974	380504	4.03%	0.388%
60	21.356	3117	3123	3128	rBV	4595774	6027070	63.91%	6.141%
61	21.498	3143	3147	3152	rBV	1019194	1101085	11.68%	1.122%
62	21.939	3217	3222	3231	rBV	1314012	1677985	17.79%	1.710%
63	22.403	3297	3301	3310	rBV	1472039	1975518	20.95%	2.013%
64	22.921	3384	3389	3396	rBV	1402736	2051512	21.75%	2.090%
65	23.486	3478	3485	3497	rVB	4787182	9430900	100.00%	9.610%
66	23.633	3503	3510	3529	rVB	2709963	5300481	56.20%	5.401%
67	24.150	3593	3598	3609	rVB	736616	1444312	15.31%	1.472%
68	24.915	3723	3728	3737	rVB	396225	839920	8.91%	0.856%

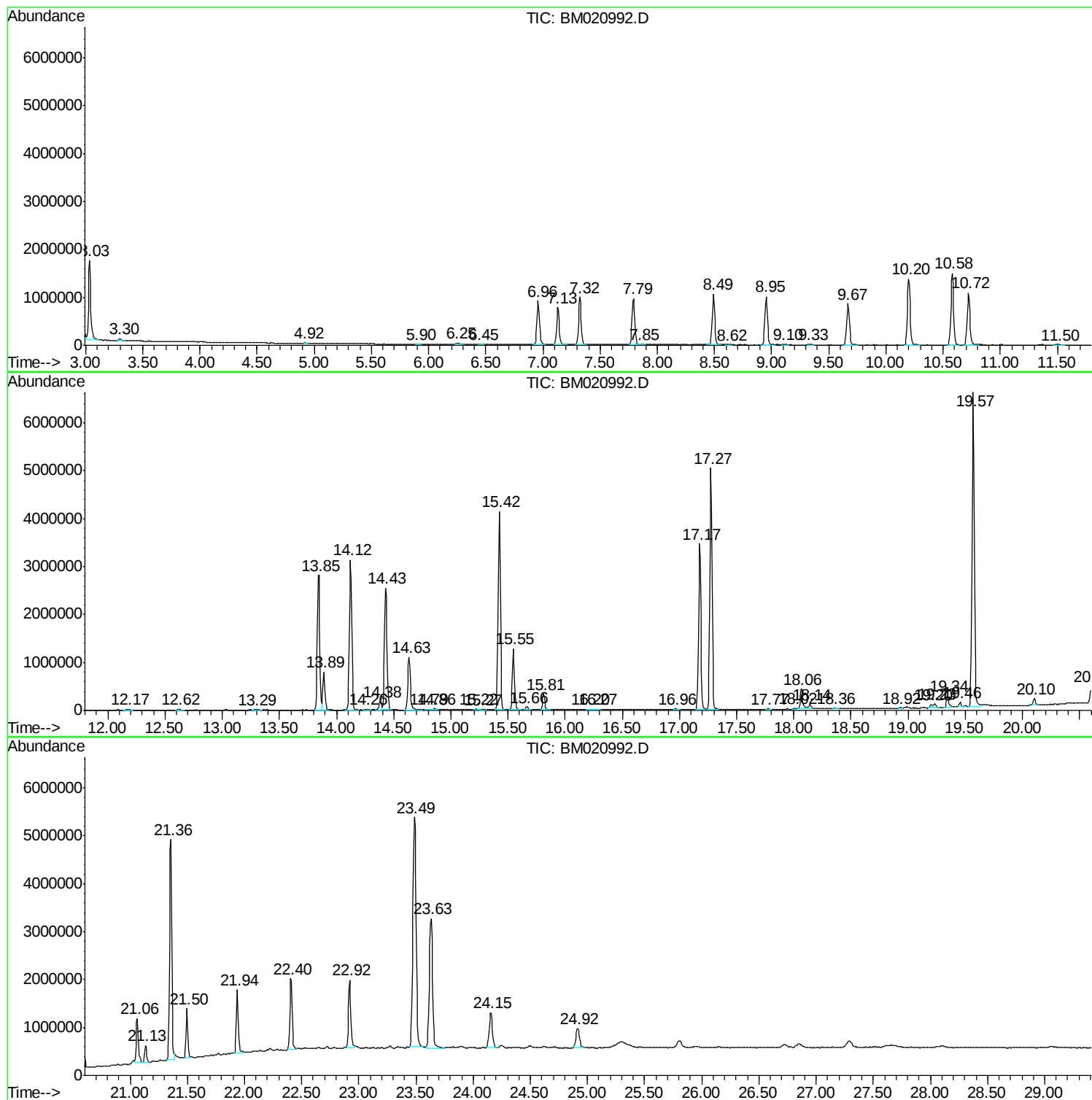
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Quant Title : SVOA CALIBRATION

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



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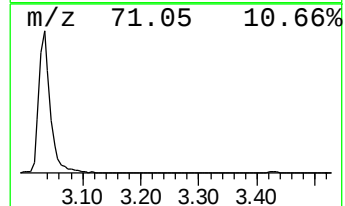
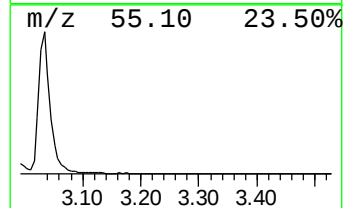
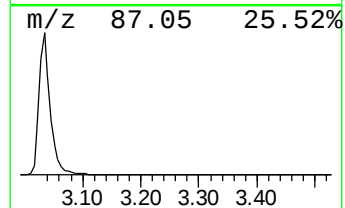
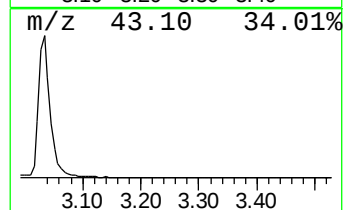
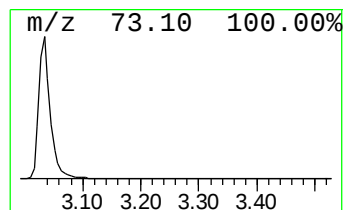
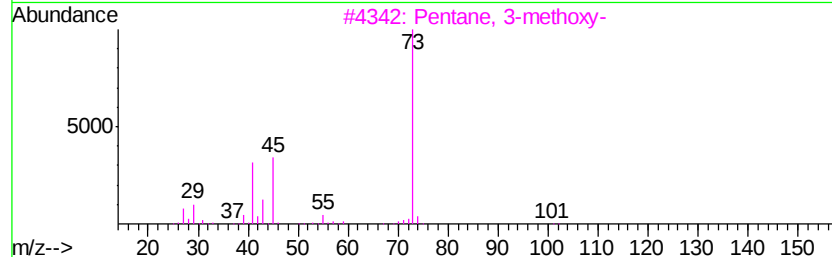
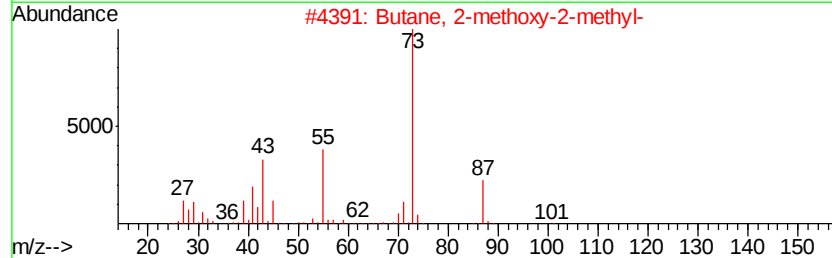
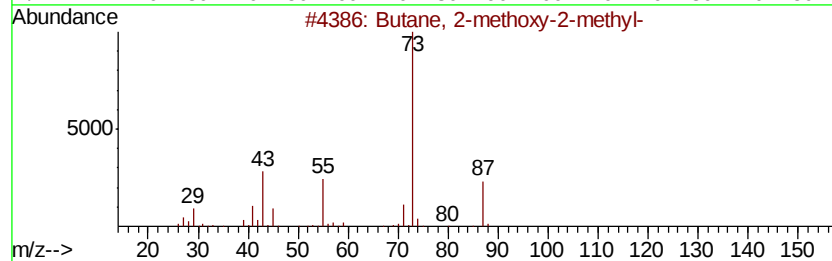
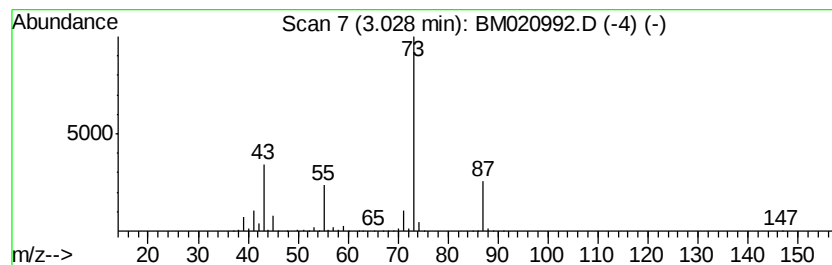
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	28.63 ng/ul	2259540	1,4-Dichlorobenzene-d4	7.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74	
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23	
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9	
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9	



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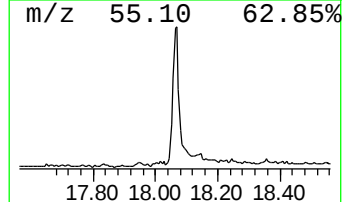
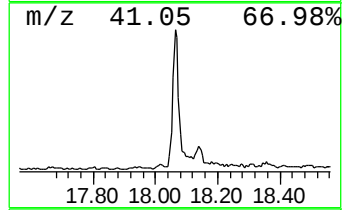
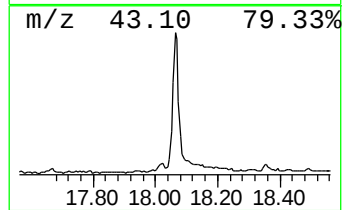
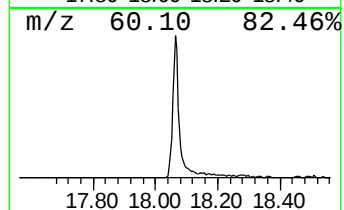
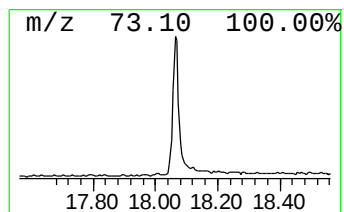
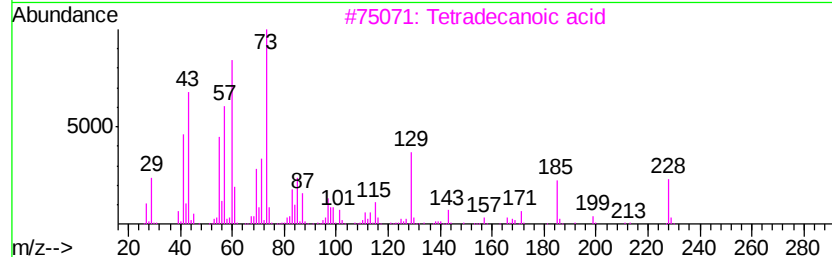
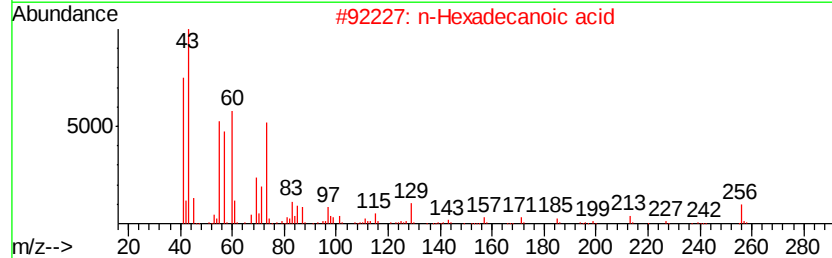
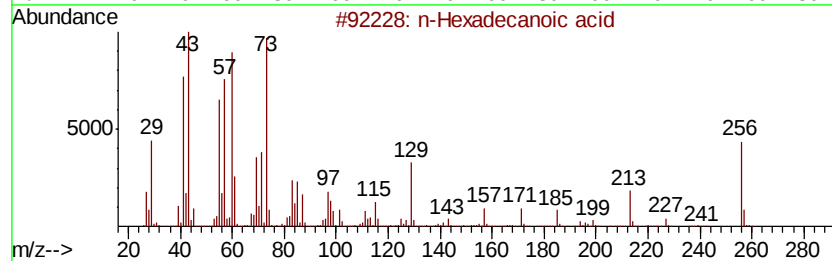
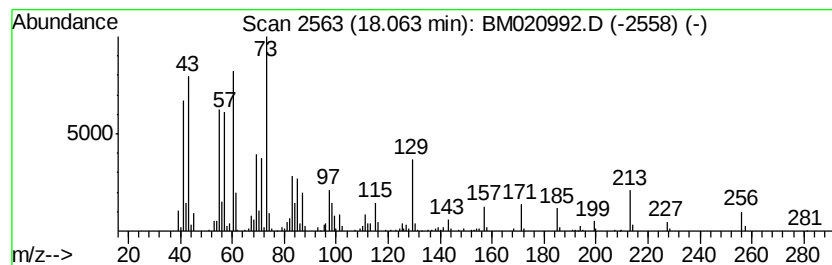
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.51 ng/ul	628538	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81	



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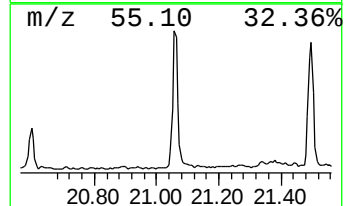
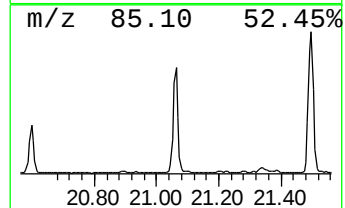
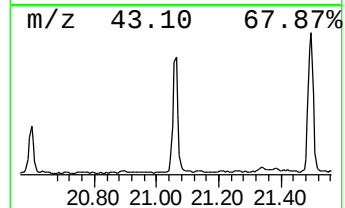
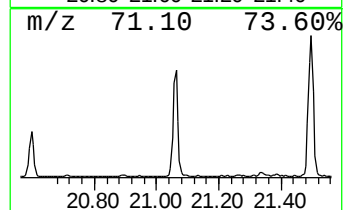
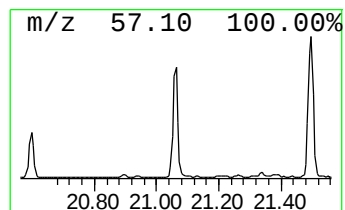
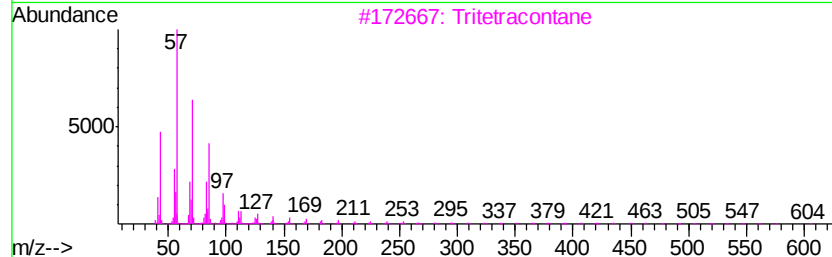
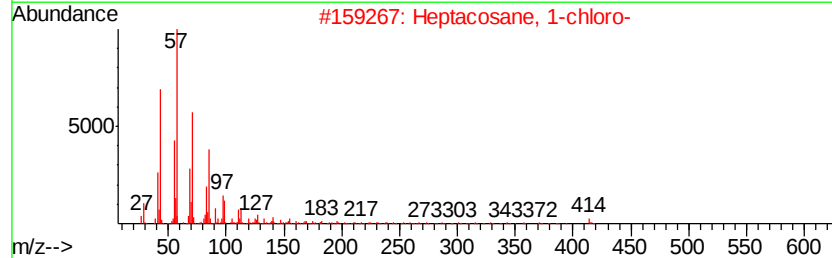
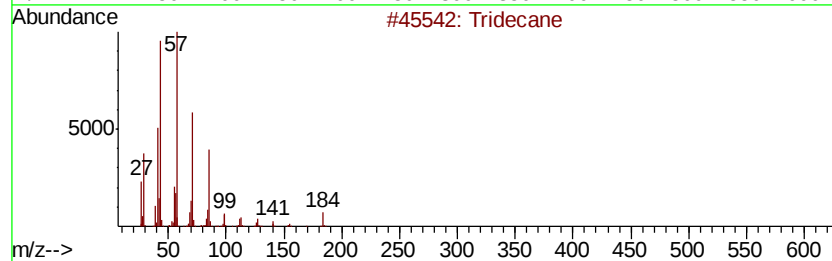
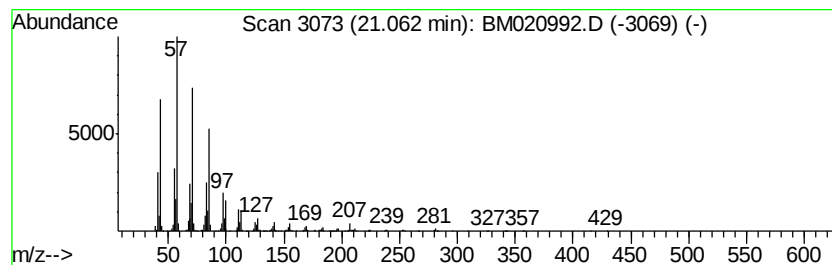
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.78 ng/ul	1140590	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



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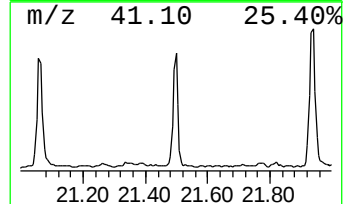
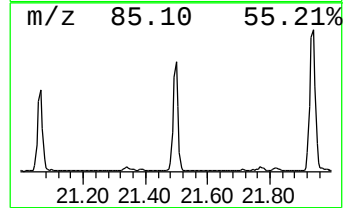
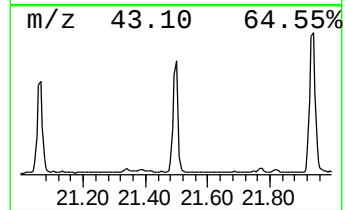
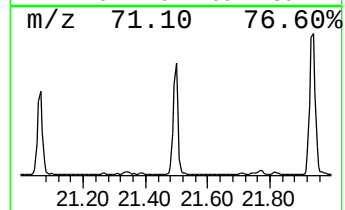
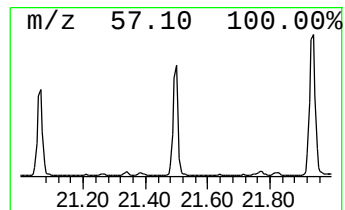
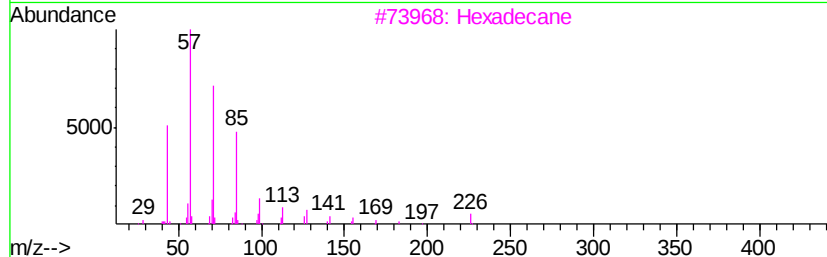
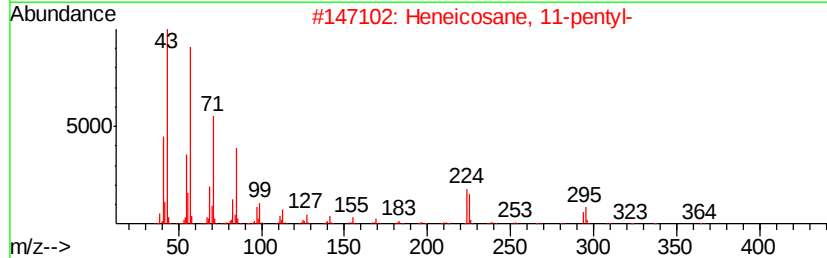
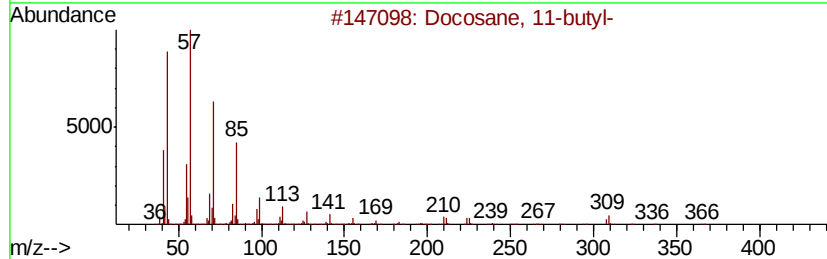
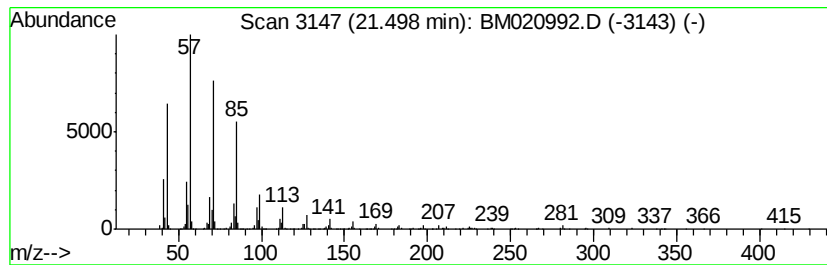
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	3.65 ng/ul	1101090	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3		Hexadecane	226	C16H34	000544-76-3	93
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	93
5		Heneicosane	296	C21H44	000629-94-7	91



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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A41W4

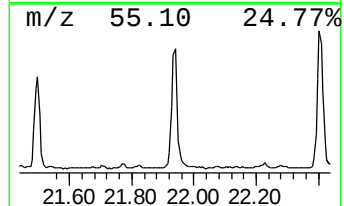
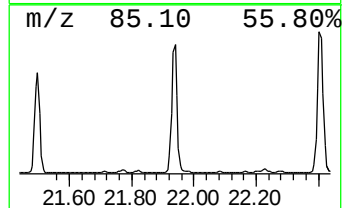
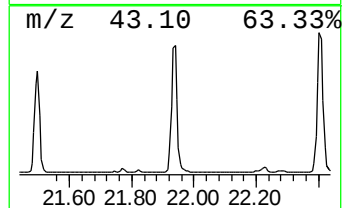
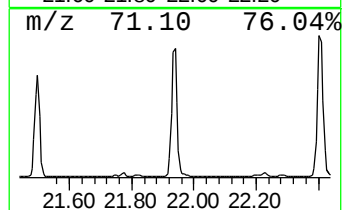
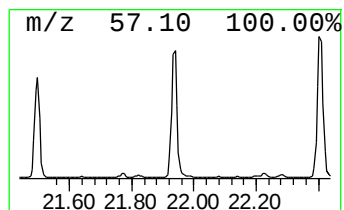
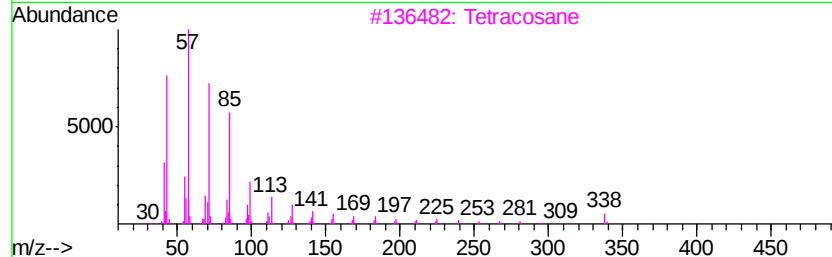
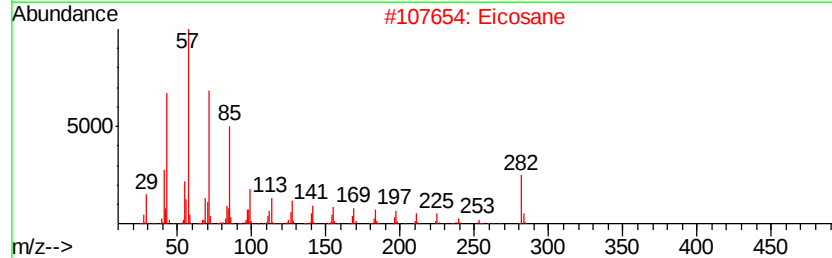
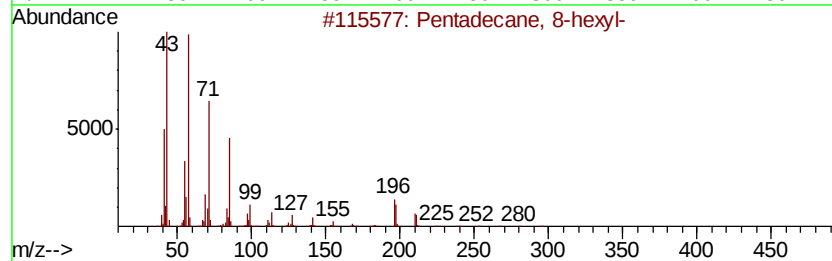
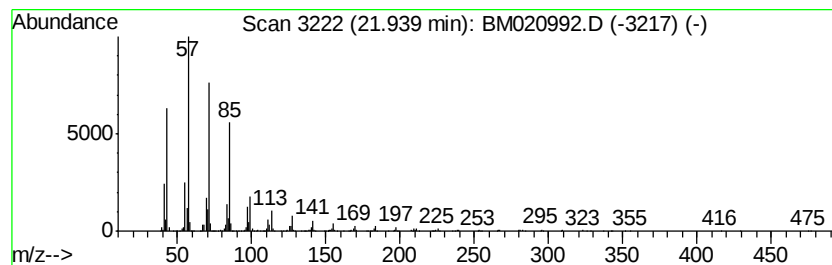
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Quant Title : SVOA CALIBRATION

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.
21.94	5.57 ng/ul	1677990	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020992.D
Acq On : 17 Jun 2019 23:01
Operator : HP/JU
Sample : K3332-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A41W4

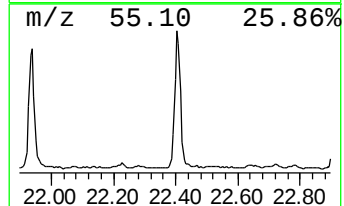
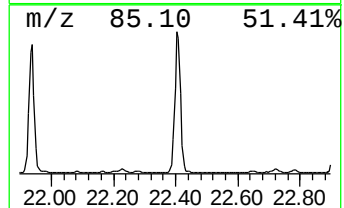
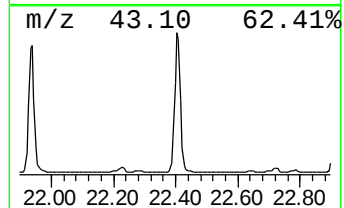
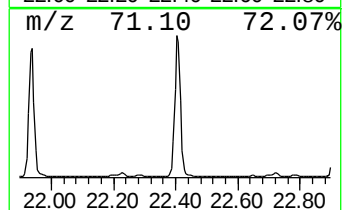
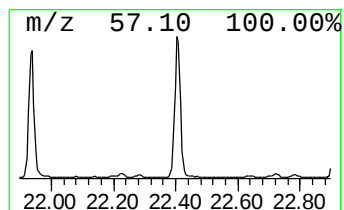
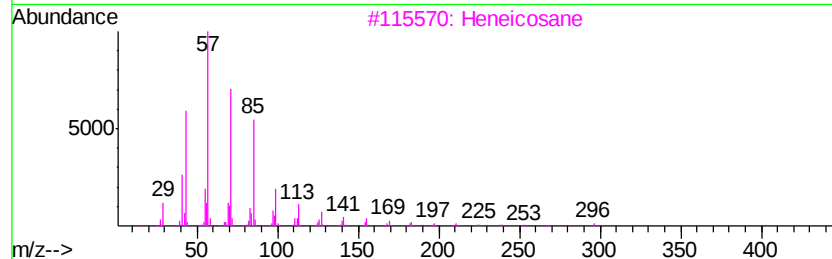
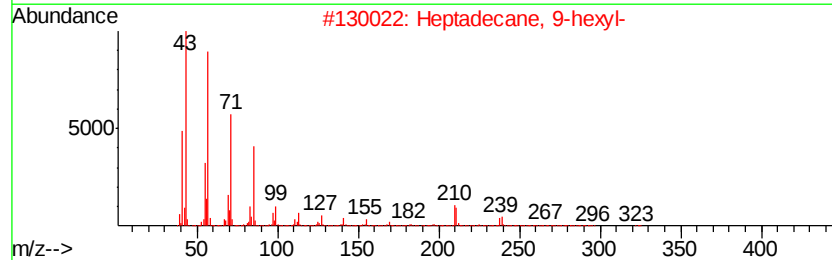
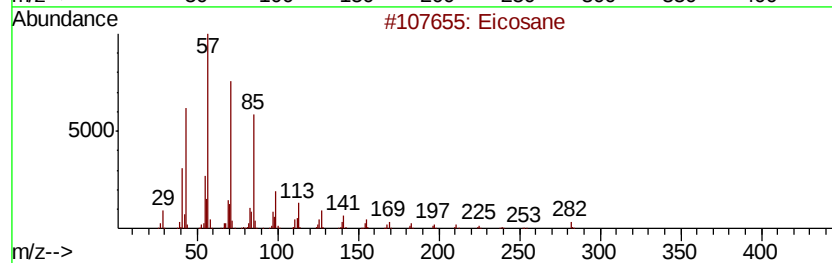
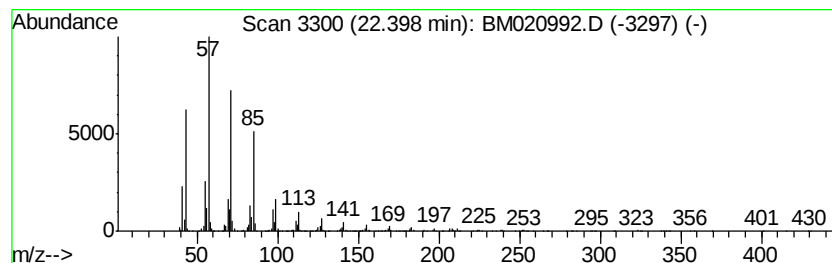
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Quant Title : SVOA CALIBRATION

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.
22.40	6.56 ng/ul	1975520	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020992.D
Acq On : 17 Jun 2019 23:01
Operator : HP/JU
Sample : K3332-23
Misc :
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Instrument :
BNA_M
ClientSampleId :
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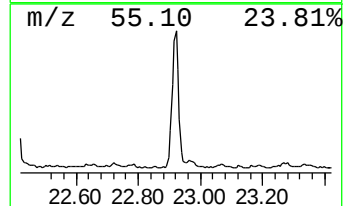
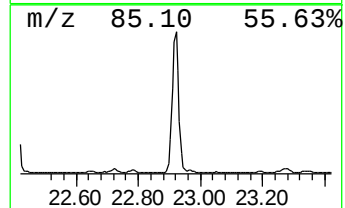
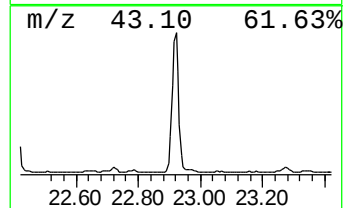
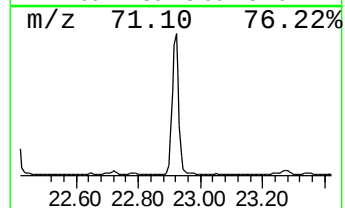
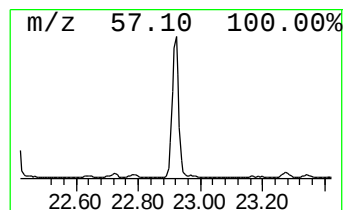
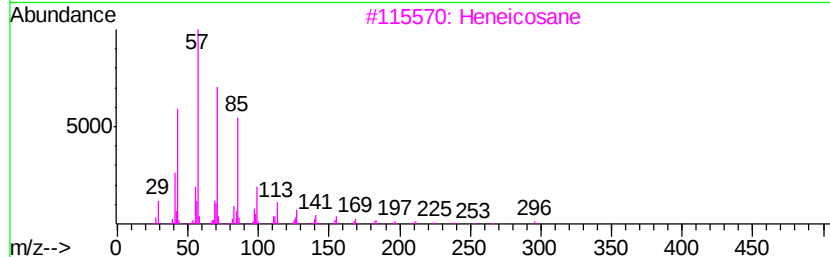
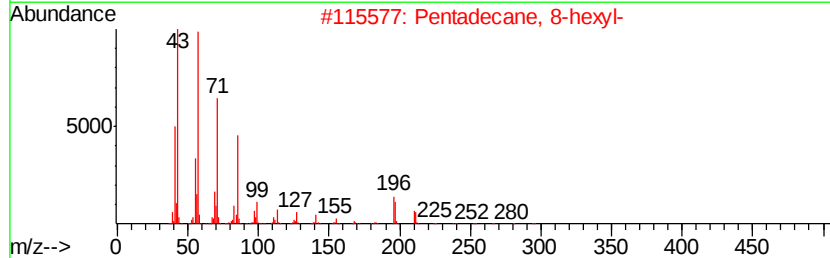
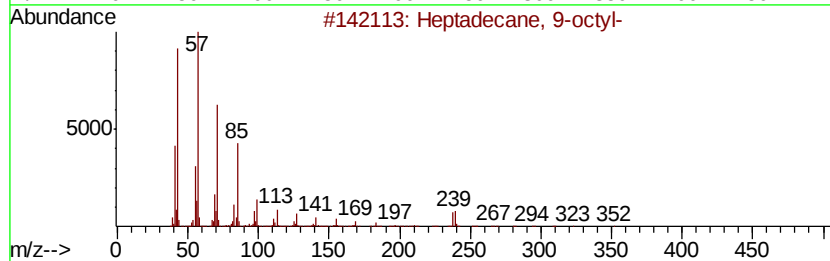
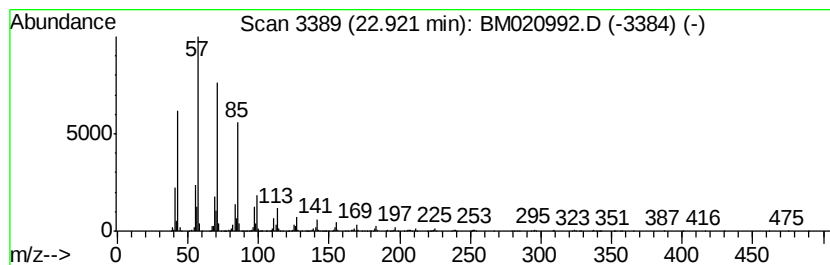
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	7.74 ng/ul	2051510	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020992.D
Acq On : 17 Jun 2019 23:01
Operator : HP/JU
Sample : K3332-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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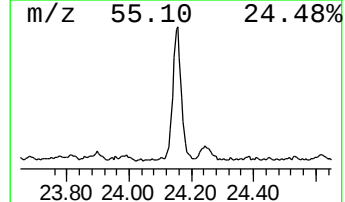
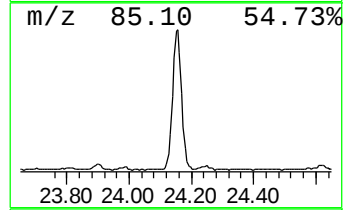
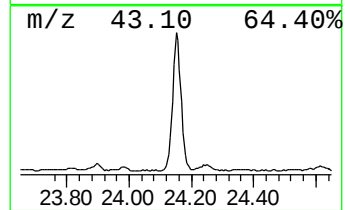
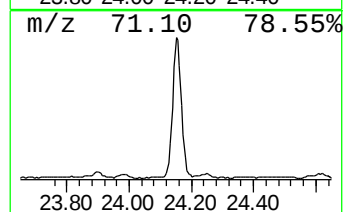
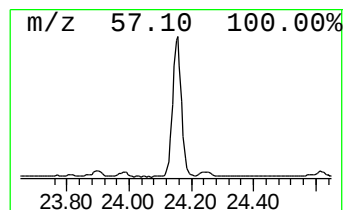
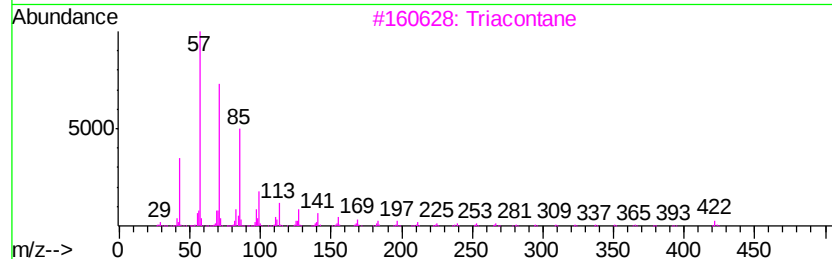
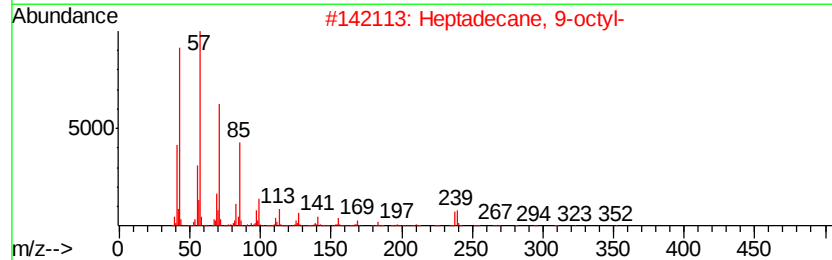
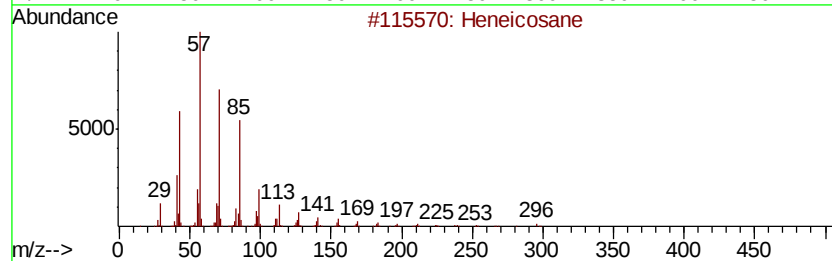
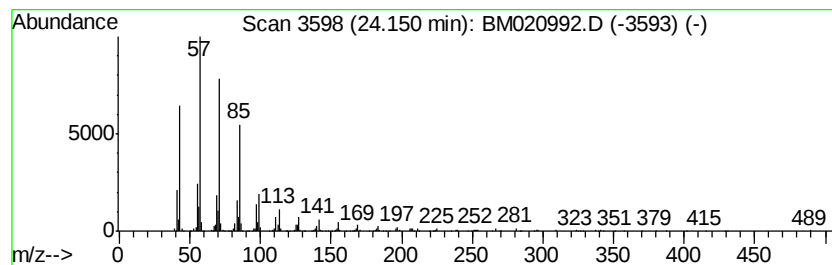
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	5.45 ng/ul	1444310	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		triacontane	422	C30H62	000638-68-6	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020992.D
Acq On : 17 Jun 2019 23:01
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Misc :
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ClientSampleId :
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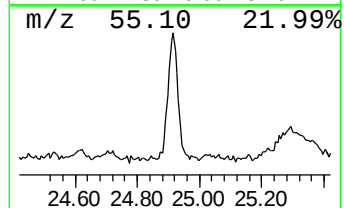
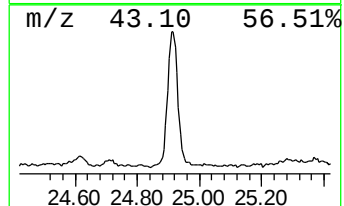
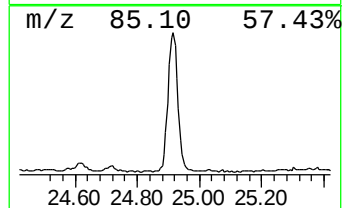
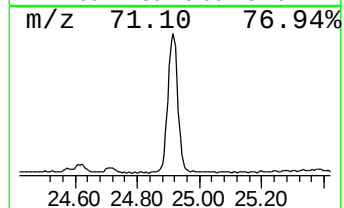
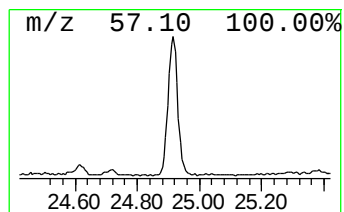
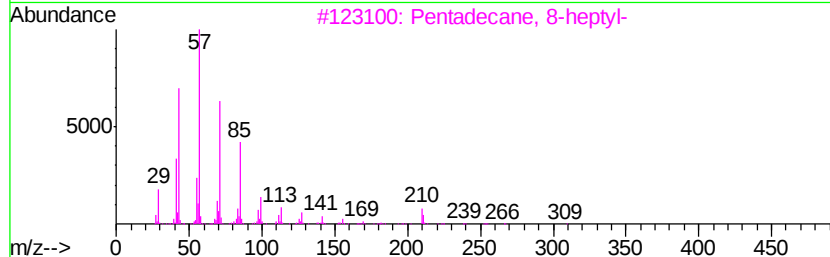
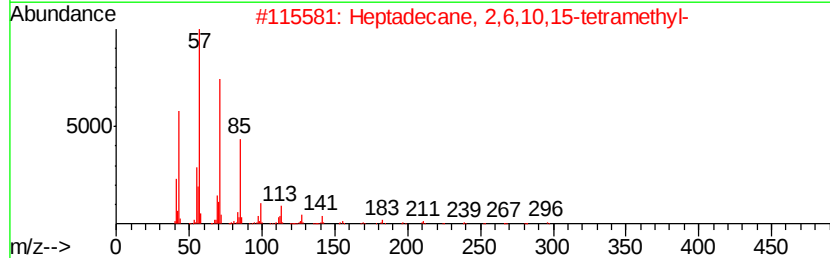
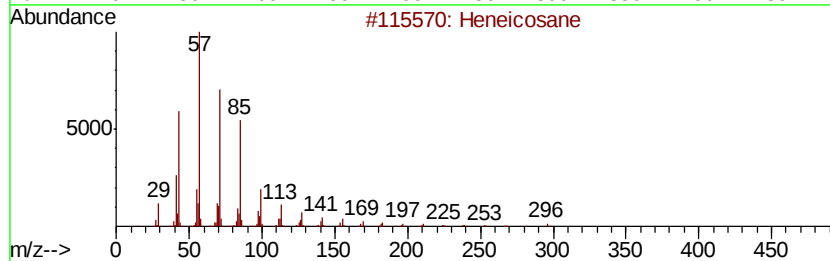
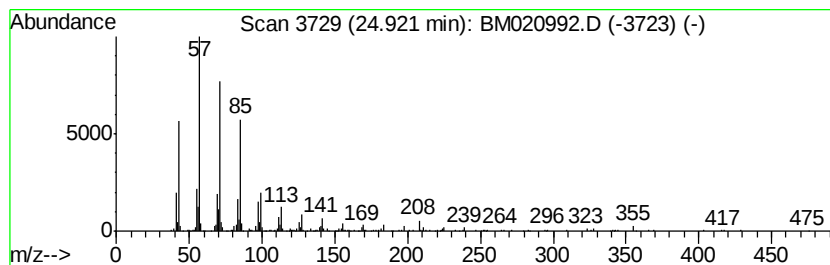
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	3.17 ng/ul	839920	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020992.D
Acq On : 17 Jun 2019 23:01
Operator : HP/JU
Sample : K3332-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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
Butane, 2-methoxy...	3.03	28.6	ng/ul	2259540	1	7.79	1578430	20.0
n-Hexadecanoic acid	18.06	2.5	ng/ul	628538	4	17.17	5000020	20.0
(DEL) Alkane: Str...	21.06	3.8	ng/ul	1140590	5	21.36	6027070	20.0
(DEL) Alkane: Str...	21.50	3.6	ng/ul	1101090	5	21.36	6027070	20.0
(DEL) Alkane: Str...	21.94	5.6	ng/ul	1677990	5	21.36	6027070	20.0
(DEL) Alkane: Str...	22.40	6.6	ng/ul	1975520	5	21.36	6027070	20.0
(DEL) Alkane: Str...	22.92	7.7	ng/ul	2051510	6	23.63	5300480	20.0
(DEL) Alkane: Str...	24.15	5.5	ng/ul	1444310	6	23.63	5300480	20.0
(DEL) Alkane: Str...	24.92	3.2	ng/ul	839920	6	23.63	5300480	20.0