

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
 Data File : BM020991.D
 Acq On : 17 Jun 2019 22:25
 Operator : HP/JU
 Sample : K3332-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A41W3

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	24	rVB	1864464	2570548	27.07%	2.537%
2	3.299	50	53	61	rVB2	42882	62950	0.66%	0.062%
3	4.016	171	175	180	rBV	50163	64225	0.68%	0.063%
4	6.469	586	592	598	rVB6	14503	29270	0.31%	0.029%
5	6.957	668	675	687	rBV	979362	1605735	16.91%	1.585%
6	7.128	699	704	716	rVB	825177	1292896	13.61%	1.276%
7	7.322	731	737	746	rVB	1039130	1639420	17.26%	1.618%
8	7.792	810	817	823	rBV	975167	1529129	16.10%	1.509%
9	7.851	823	827	834	rVB	13890	27745	0.29%	0.027%
10	7.998	848	852	857	rBV7	12737	18597	0.20%	0.018%
11	8.492	929	936	946	rBV	1353364	2156690	22.71%	2.129%
12	8.616	952	957	961	rBV4	7218	11979	0.13%	0.012%
13	8.951	1007	1014	1027	rBV	1097913	1829480	19.26%	1.806%
14	9.104	1037	1040	1045	rBV5	12623	17599	0.19%	0.017%
15	9.328	1073	1078	1086	rVB	21045	36087	0.38%	0.036%
16	9.669	1129	1136	1149	rBV	940398	1553247	16.36%	1.533%
17	10.198	1219	1226	1237	rBV	1523804	2490966	26.23%	2.459%
18	10.581	1282	1291	1299	rVB	1466443	2462342	25.93%	2.430%
19	10.722	1308	1315	1334	rVB	1231439	2160135	22.75%	2.132%
20	12.169	1556	1561	1569	rVB2	24478	40728	0.43%	0.040%
21	12.780	1661	1665	1669	rBV5	7214	11416	0.12%	0.011%
22	13.357	1759	1763	1767	rBV3	13940	17600	0.19%	0.017%
23	13.845	1837	1846	1850	rBV	3331510	4627929	48.73%	4.568%
24	13.886	1850	1853	1860	rVB	1228506	1674203	17.63%	1.652%
25	14.121	1886	1893	1904	rVB	3537116	5263557	55.42%	5.195%
26	14.310	1919	1925	1927	rBV5	6570	12461	0.13%	0.012%
27	14.380	1931	1937	1939	rBV5	10929	14547	0.15%	0.014%
28	14.427	1939	1945	1953	rVB2	2484353	3825272	40.28%	3.776%
29	14.633	1974	1980	1996	rBV	1224097	1882123	19.82%	1.858%
30	14.857	2012	2018	2026	rVB7	25150	50455	0.53%	0.050%
31	15.221	2075	2080	2084	rBV	17315	22516	0.24%	0.022%
32	15.268	2086	2088	2096	rVB3	9123	12127	0.13%	0.012%
33	15.421	2108	2114	2127	rVB	4821584	6962606	73.31%	6.872%
34	15.545	2129	2135	2148	rVV	1357018	1916510	20.18%	1.892%

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35	15.663	2150	2155	2161	rVB	62733	88453	0.93%	0.087%
36	16.133	2232	2235	2240	rVB4	10401	12965	0.14%	0.013%
37	16.204	2245	2247	2252	rVB5	9444	10157	0.11%	0.010%
38	16.927	2367	2370	2373	rBV4	14053	14927	0.16%	0.015%
39	16.968	2373	2377	2383	rVV3	13347	22078	0.23%	0.022%
40	17.057	2387	2392	2394	rBV4	10043	14915	0.16%	0.015%
41	17.174	2406	2412	2422	rVB2	3630402	5005442	52.71%	4.941%
42	17.274	2422	2429	2438	rBV2	5268615	7694633	81.02%	7.595%
43	17.457	2458	2460	2466	rBV3	5616	10062	0.11%	0.010%
44	17.662	2492	2495	2500	rVB5	11955	13910	0.15%	0.014%
45	18.068	2558	2564	2574	rBV	596652	946200	9.96%	0.934%
46	18.356	2610	2613	2618	rBV4	20778	26865	0.28%	0.027%
47	18.921	2708	2709	2714	rVB5	9736	11674	0.12%	0.012%
48	18.992	2716	2721	2727	rVB3	53792	75928	0.80%	0.075%
49	19.062	2730	2733	2736	rVB4	19529	23253	0.24%	0.023%
50	19.203	2752	2757	2766	rBV2	82898	168826	1.78%	0.167%
51	19.345	2776	2781	2791	rBV	287482	464674	4.89%	0.459%
52	19.456	2796	2800	2804	rVV	66227	89696	0.94%	0.089%
53	19.568	2813	2819	2825	rBV	7232783	9496978	100.00%	9.374%
54	19.798	2855	2858	2861	rVB	23599	28082	0.30%	0.028%
55	20.103	2906	2910	2915	rVB	206177	221995	2.34%	0.219%
56	20.598	2990	2994	2999	rBV	304638	336741	3.55%	0.332%
57	21.062	3069	3073	3081	rVB2	899865	1286266	13.54%	1.270%
58	21.133	3081	3085	3091	rVB	465465	550660	5.80%	0.544%
59	21.356	3117	3123	3132	rBV	4313669	5802470	61.10%	5.727%
60	21.497	3143	3147	3152	rBV	617044	677125	7.13%	0.668%
61	21.939	3217	3222	3233	rBV	893461	1480618	15.59%	1.461%
62	22.403	3297	3301	3306	rBV	996096	1374715	14.48%	1.357%
63	22.921	3384	3389	3394	rBV	977391	1406214	14.81%	1.388%
64	23.486	3478	3485	3497	rVB	4764371	9273269	97.64%	9.153%
65	23.633	3503	3510	3524	rVB	2621484	5027856	52.94%	4.963%
66	24.156	3594	3599	3606	rVB	607537	1153850	12.15%	1.139%
67	24.915	3724	3728	3737	rVB2	293859	609673	6.42%	0.602%

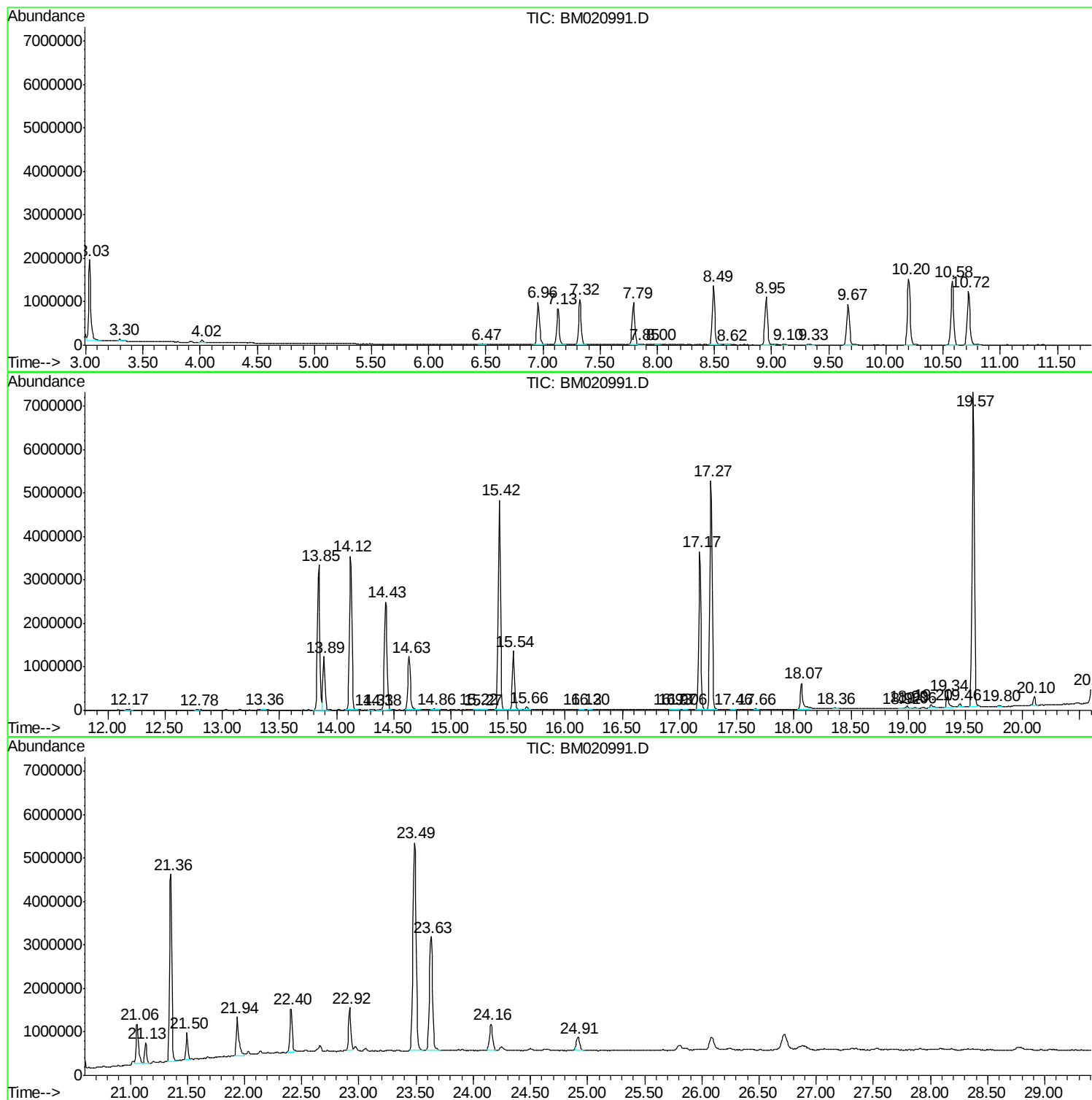
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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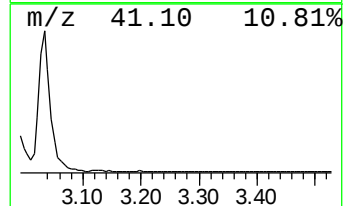
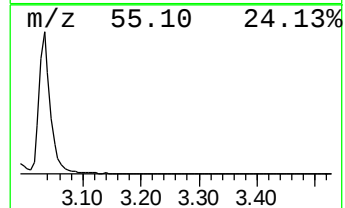
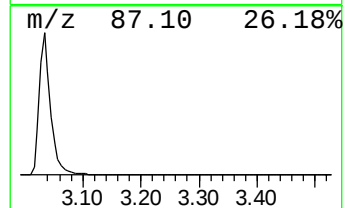
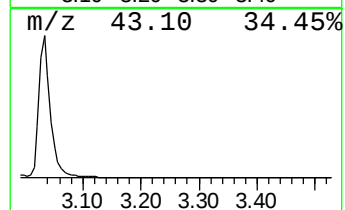
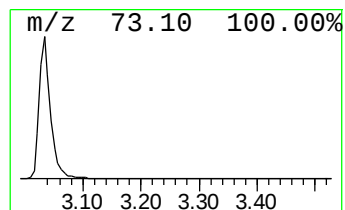
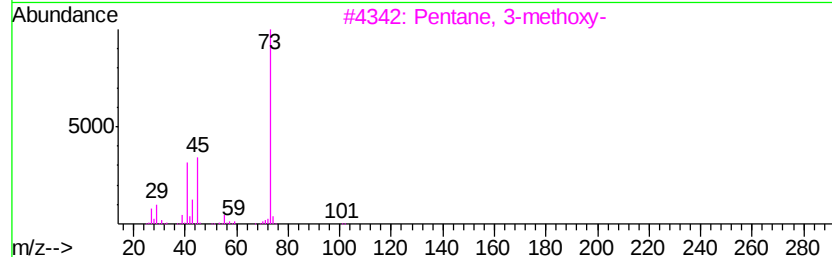
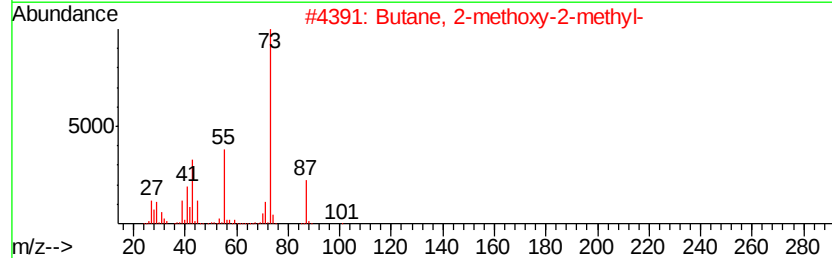
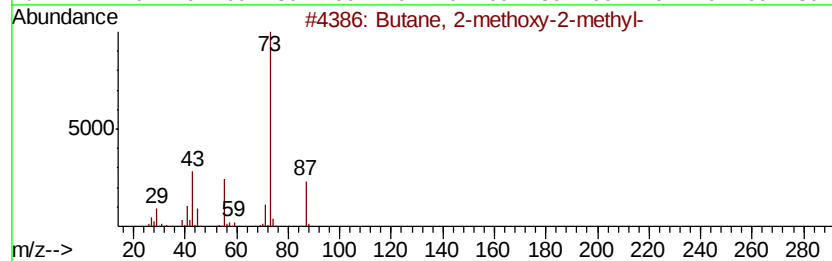
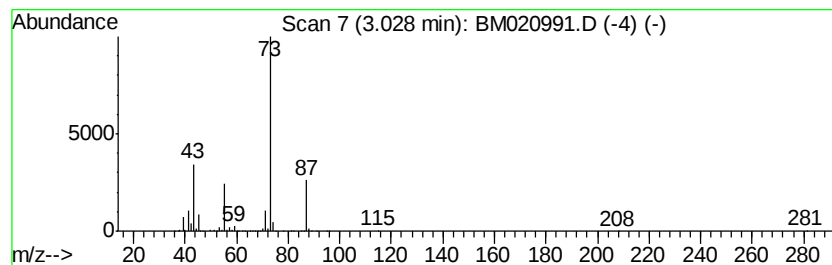
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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	33.62 ng/ul	2570550	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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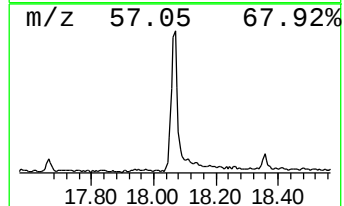
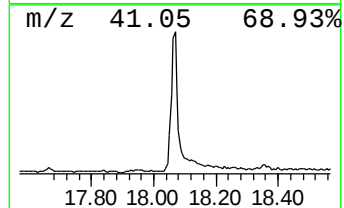
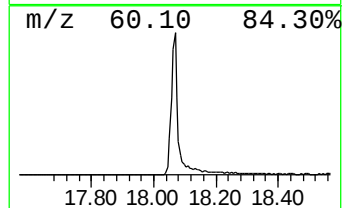
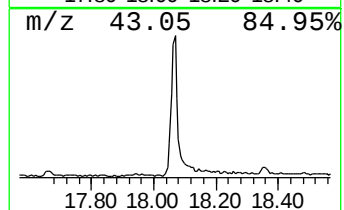
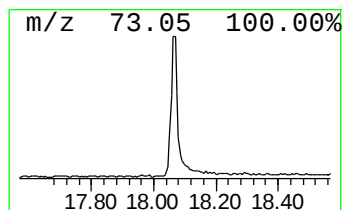
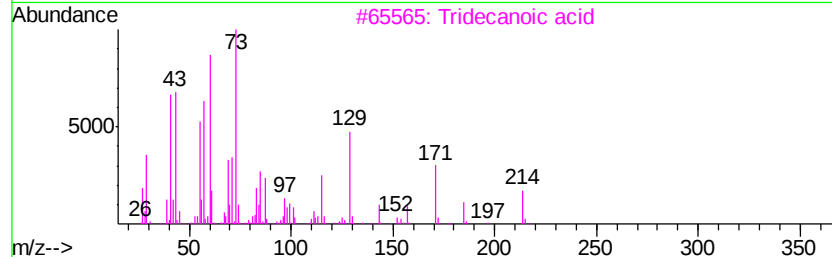
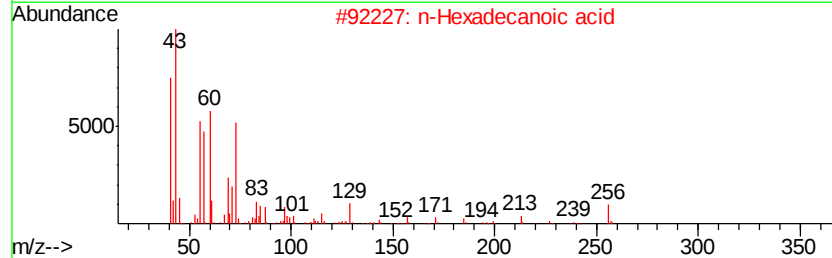
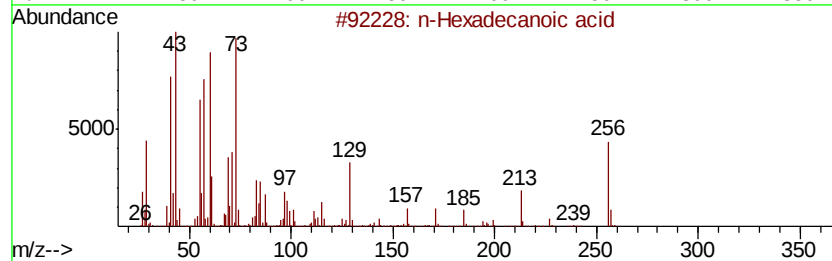
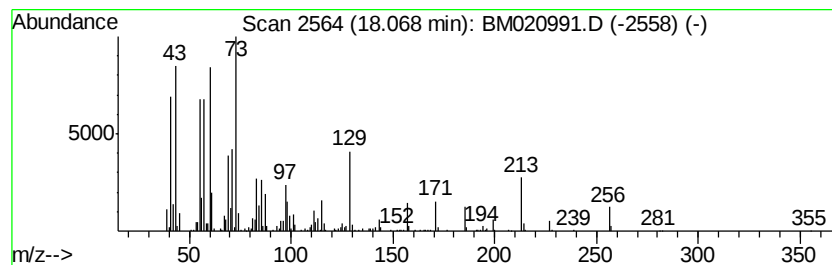
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.78 ng/ul	946200	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81	



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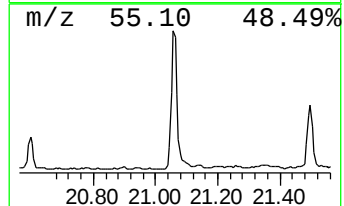
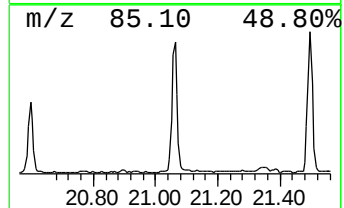
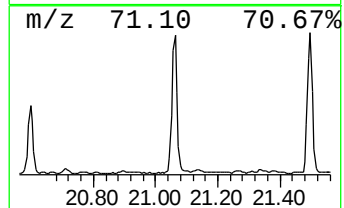
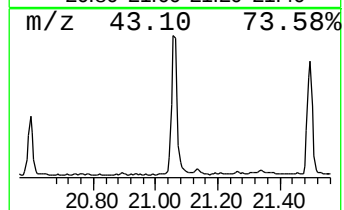
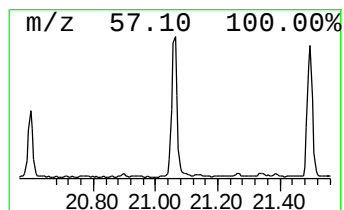
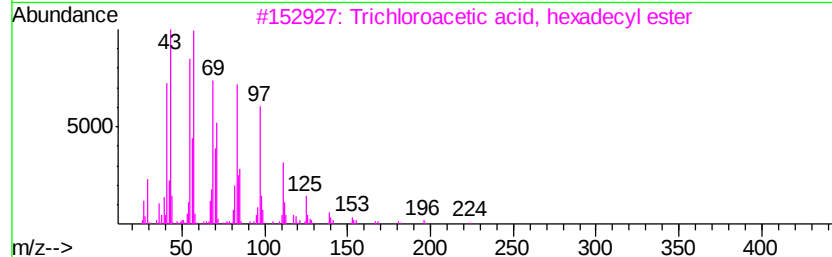
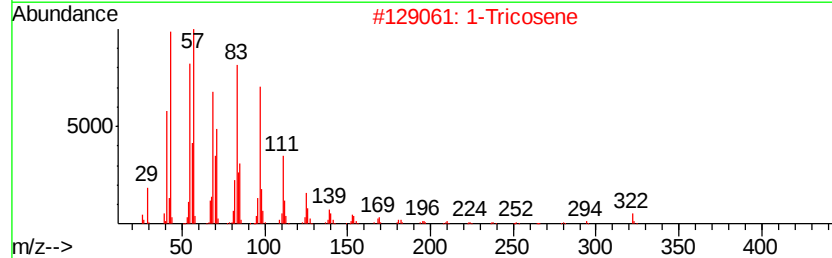
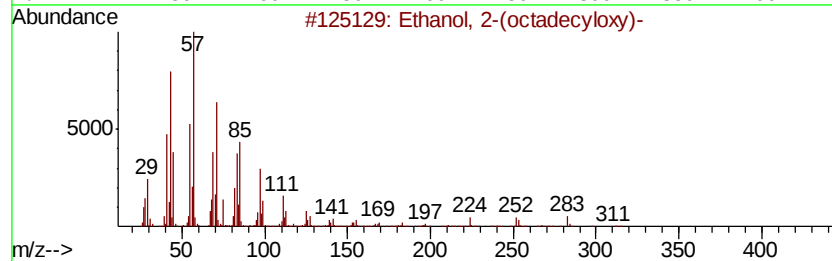
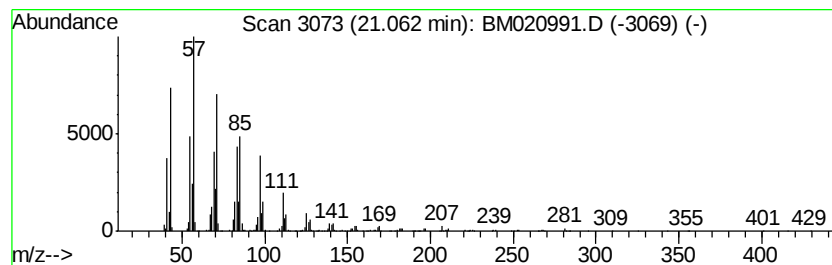
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Ethanol, 2-(octadecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.43 ng/ul	1286270	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	87
2		1-Tricosene	322	C23H46	018835-32-0	76
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
5		1-Heptacosanol	396	C27H56O	002004-39-9	74



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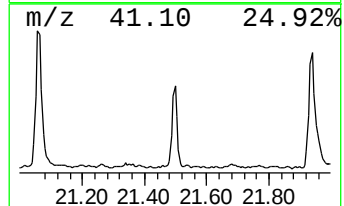
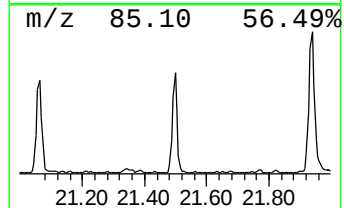
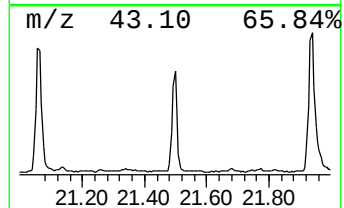
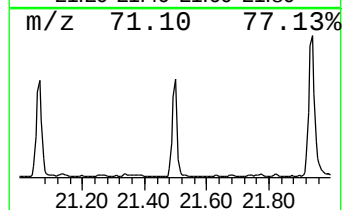
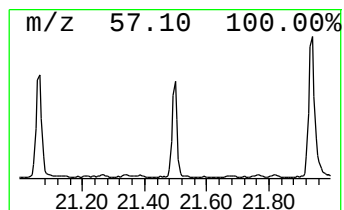
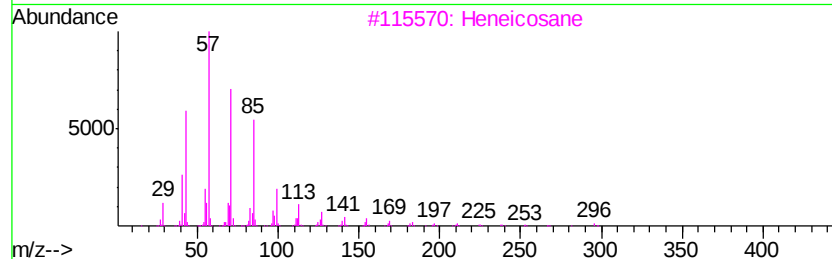
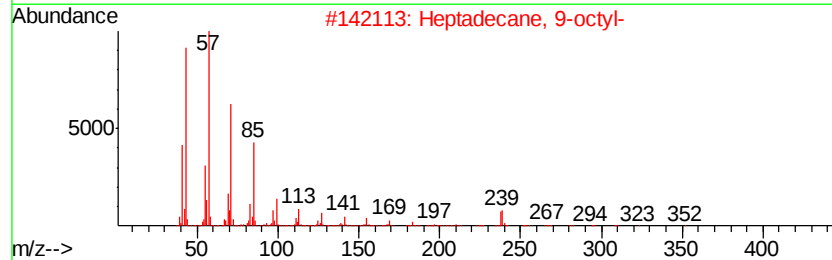
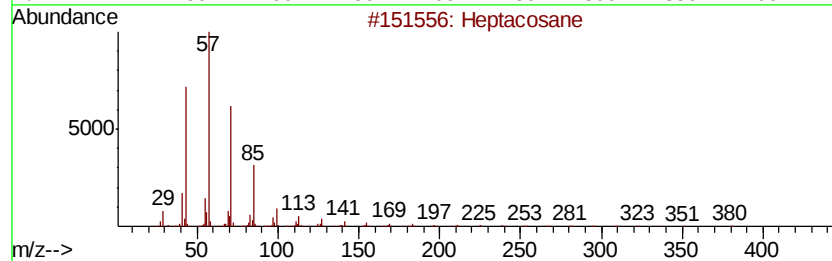
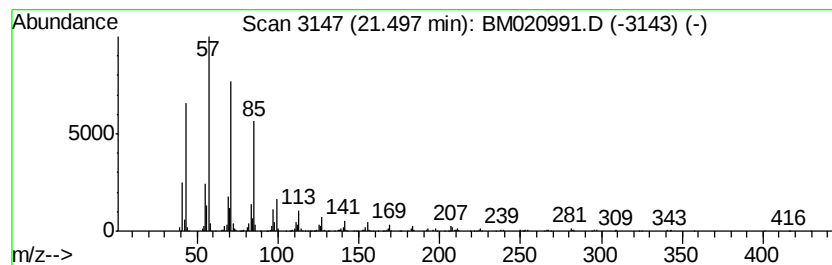
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	2.33 ng/ul	677125	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



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ClientSampleId :
A41W3

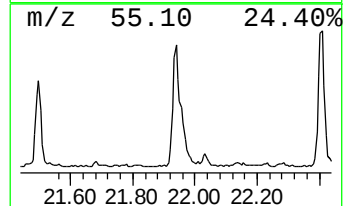
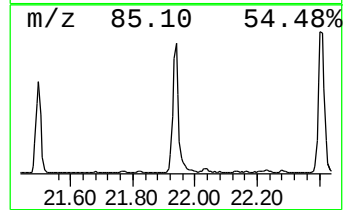
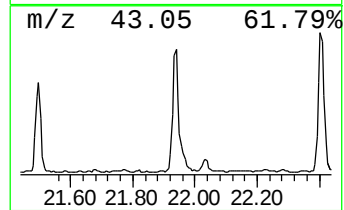
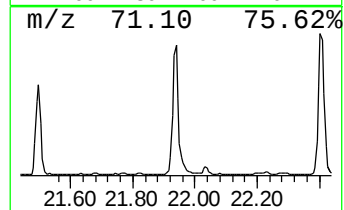
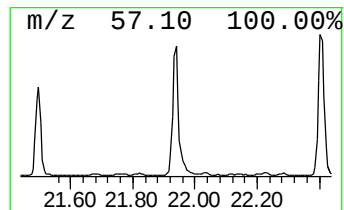
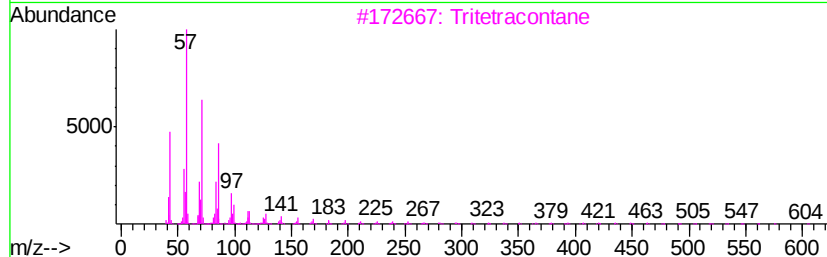
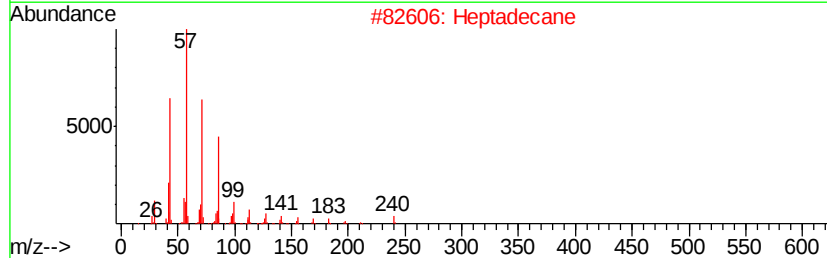
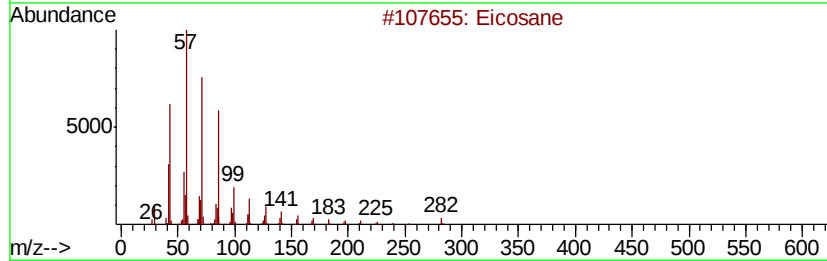
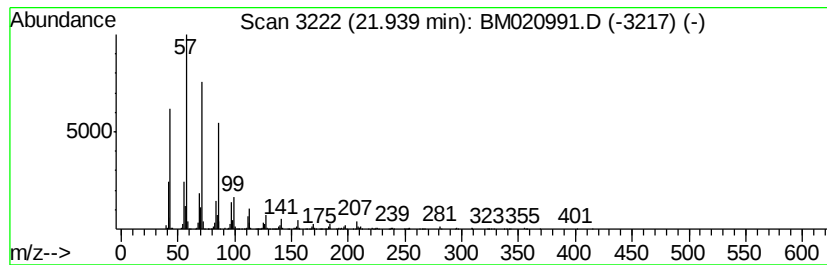
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	5.10 ng/ul	1480620	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptadecane	240	C17H36	000629-78-7	93
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020991.D
Acq On : 17 Jun 2019 22:25
Operator : HP/JU
Sample : K3332-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A41W3

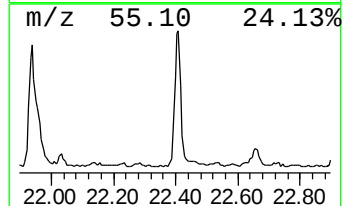
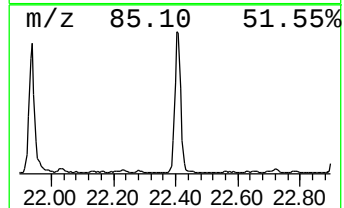
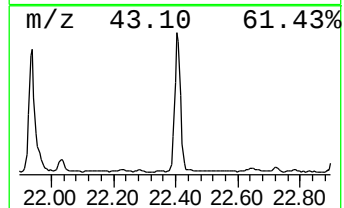
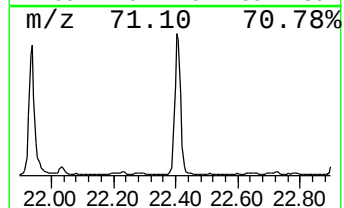
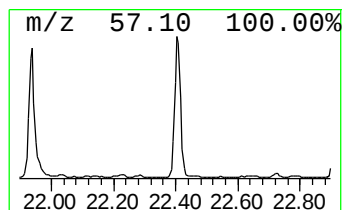
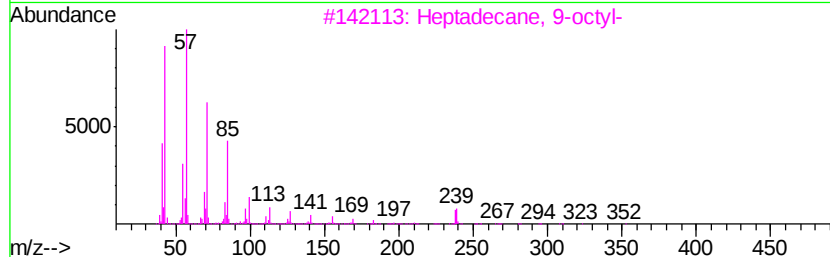
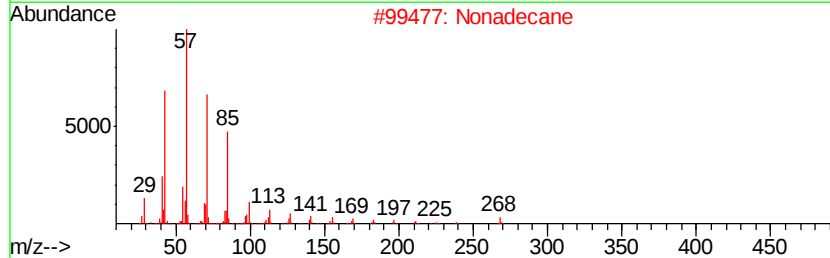
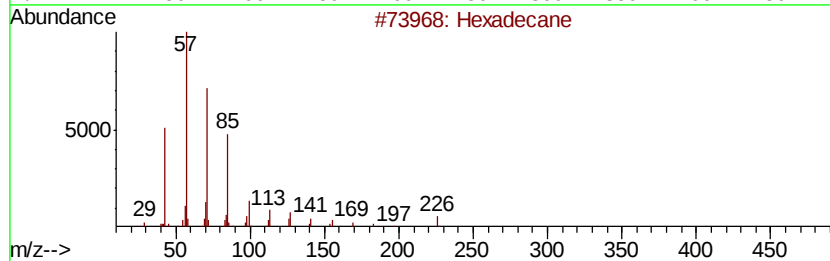
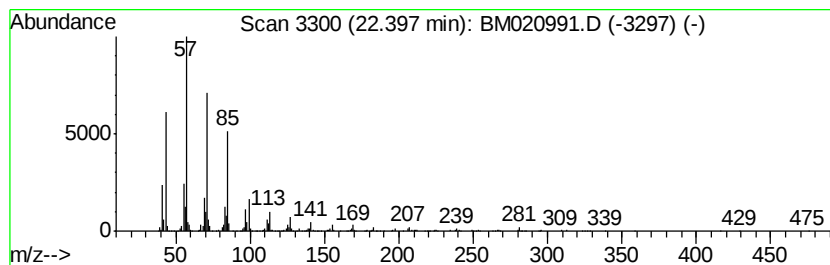
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Quant Title : SVOA CALIBRATION

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.
22.40	4.74 ng/ul	1374720	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Nonadecane	268	C19H40	000629-92-5	93
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020991.D
Acq On : 17 Jun 2019 22:25
Operator : HP/JU
Sample : K3332-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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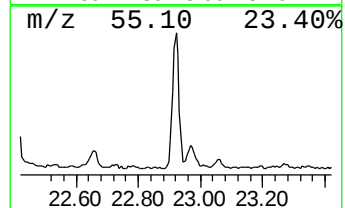
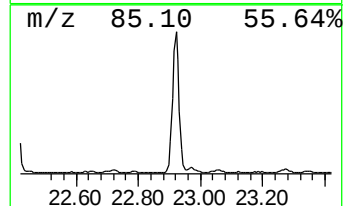
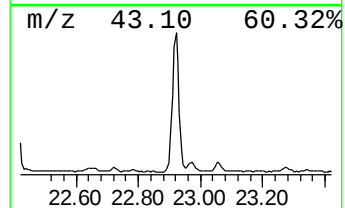
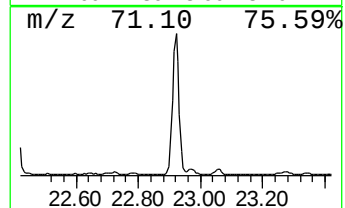
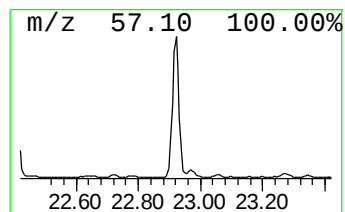
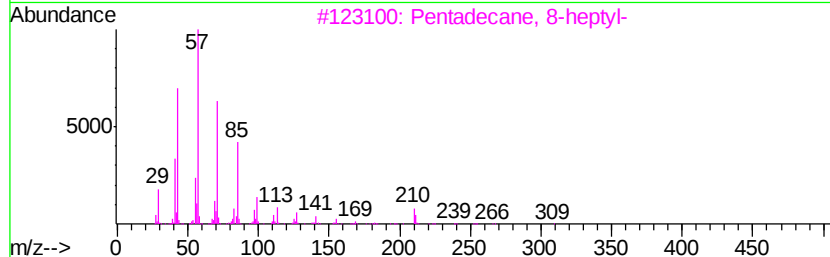
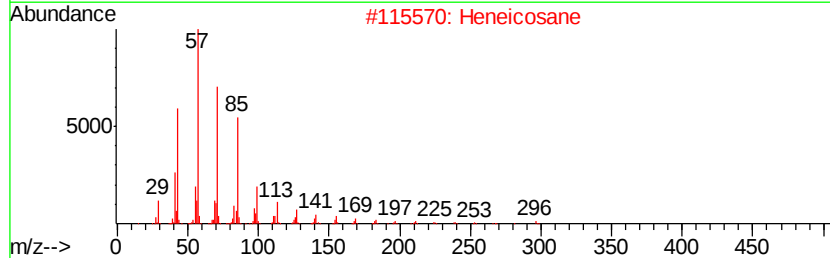
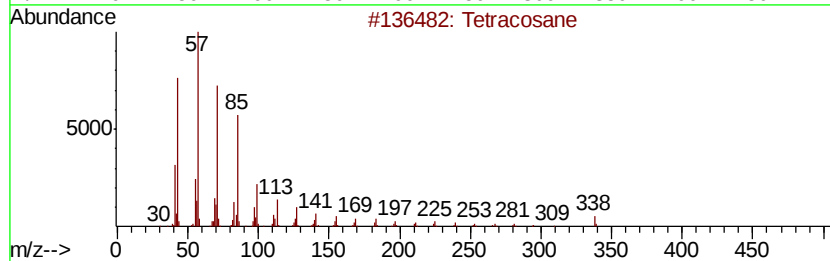
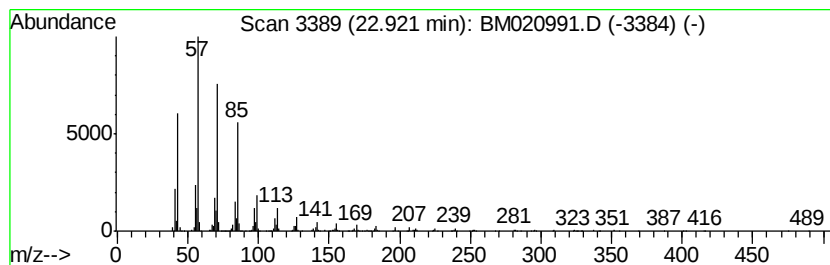
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	5.59 ng/ul	1406210	Perylene-d12	23.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5			Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020991.D
Acq On : 17 Jun 2019 22:25
Operator : HP/JU
Sample : K3332-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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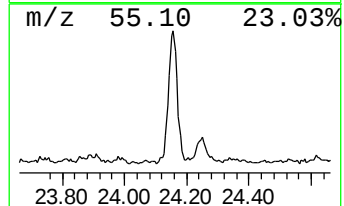
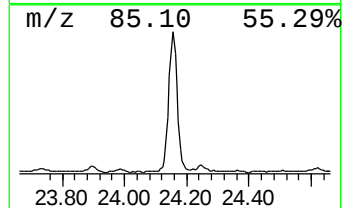
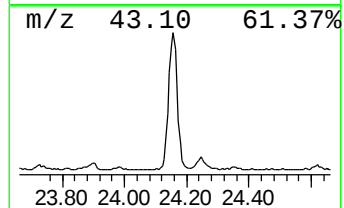
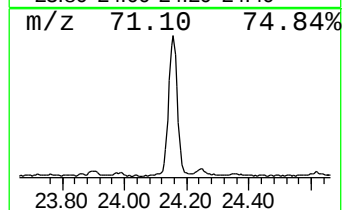
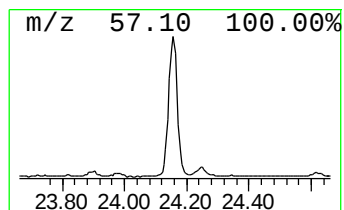
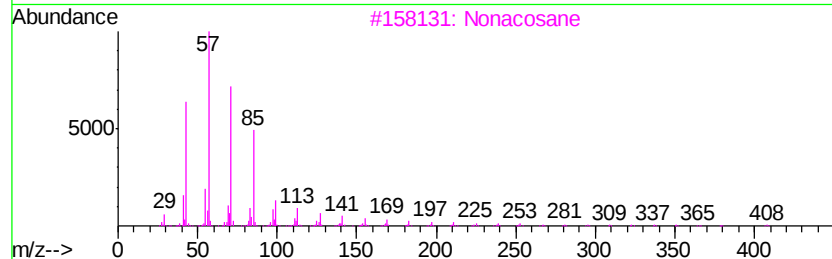
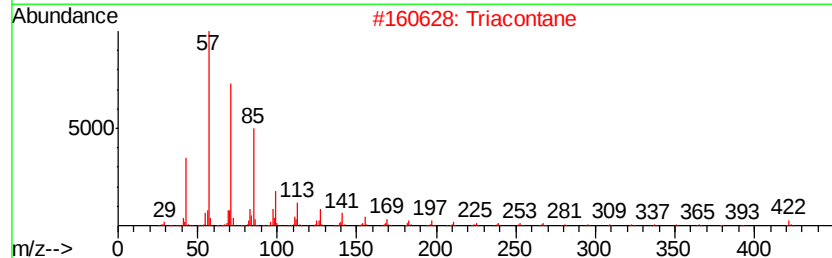
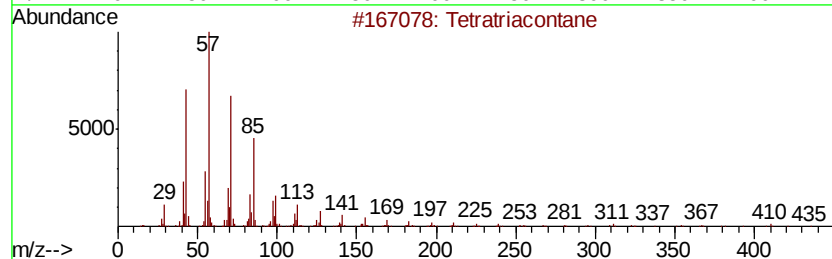
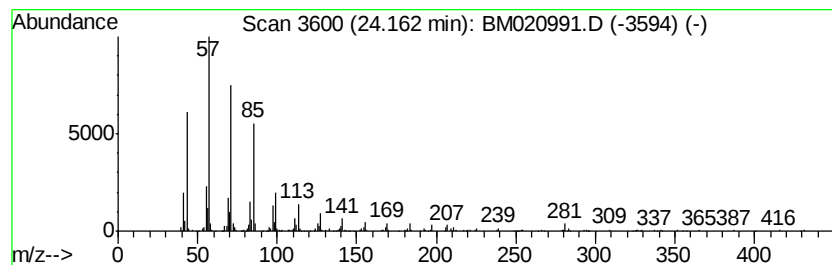
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Quant Title : SVOA CALIBRATION

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.
24.16	4.59 ng/ul	1153850	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020991.D
Acq On : 17 Jun 2019 22:25
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Misc :
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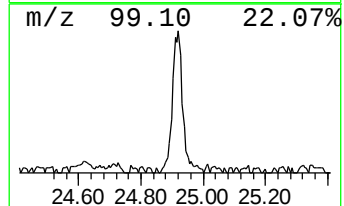
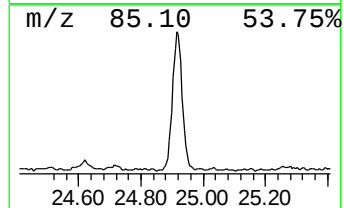
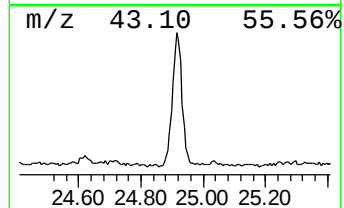
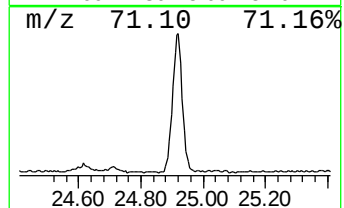
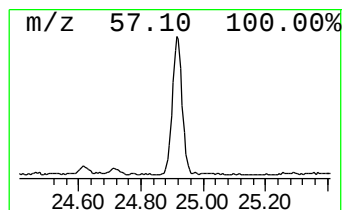
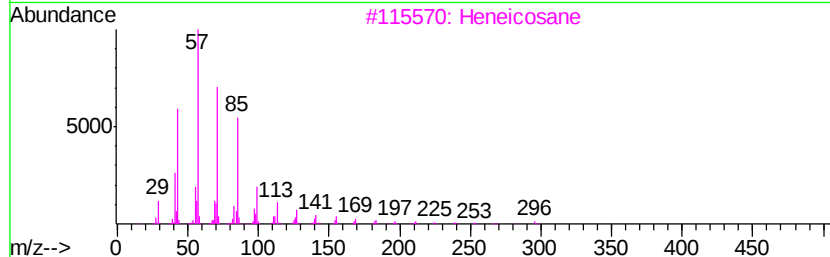
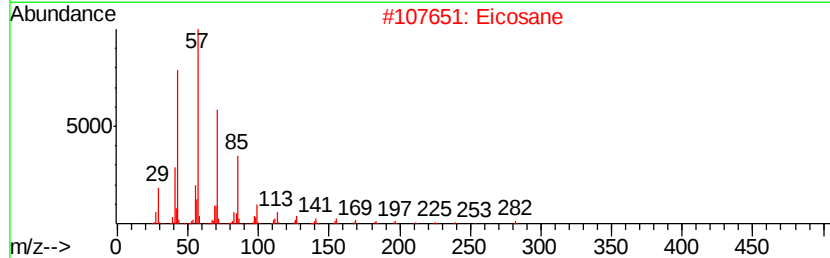
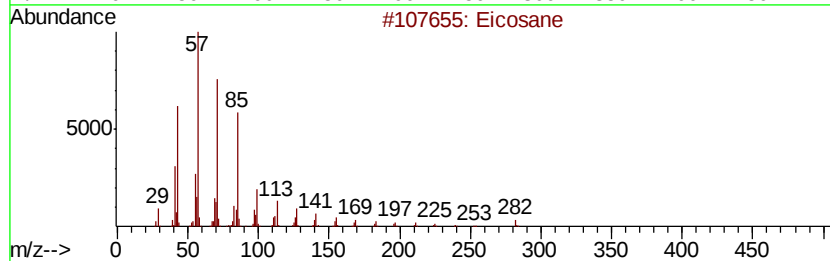
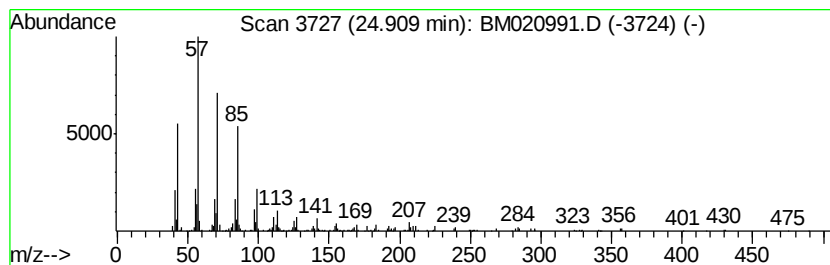
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Quant Title : SVOA CALIBRATION

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.
24.91	2.43 ng/ul	609673	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020991.D
Acq On : 17 Jun 2019 22:25
Operator : HP/JU
Sample : K3332-22
Misc :
ALS Vial : 22 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
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n-Hexadecanoic acid	18.07	3.8	ng/ul	946200	4	17.17	5005440	20.0
Ethanol, 2-(octad...	21.06	4.4	ng/ul	1286270	5	21.36	5802470	20.0
(DEL) Alkane: Str...	21.50	2.3	ng/ul	677125	5	21.36	5802470	20.0
(DEL) Alkane: Str...	21.94	5.1	ng/ul	1480620	5	21.36	5802470	20.0
(DEL) Alkane: Str...	22.40	4.7	ng/ul	1374720	5	21.36	5802470	20.0
(DEL) Alkane: Str...	22.92	5.6	ng/ul	1406210	6	23.63	5027860	20.0
(DEL) Alkane: Str...	24.16	4.6	ng/ul	1153850	6	23.63	5027860	20.0
(DEL) Alkane: Str...	24.91	2.4	ng/ul	609673	6	23.63	5027860	20.0