

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022290.D
 Acq On : 24 Aug 2019 12:45
 Operator : HP/JU
 Sample : K4242-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH2

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-BM082219MA.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	3.140	22	26	30	rVB5	4366	5969	0.43%	0.042%
2	3.634	107	110	116	rVB3	1322	2508	0.18%	0.018%
3	3.722	120	125	134	rBV	11967	21062	1.50%	0.149%
4	3.822	138	142	143	rBV3	2142	1926	0.14%	0.014%
5	3.934	158	161	165	rVB2	4037	4888	0.35%	0.035%
6	4.710	286	293	300	rBV	9120	15812	1.13%	0.112%
7	5.987	505	510	515	rVB	4322	5650	0.40%	0.040%
8	6.634	617	620	625	rBV2	1439	2032	0.15%	0.014%
9	6.751	633	640	655	rBV	134415	255603	18.26%	1.814%
10	6.916	661	668	679	rBV	88492	149994	10.72%	1.064%
11	7.092	692	698	707	rBV	143490	232324	16.60%	1.649%
12	7.557	771	777	787	rVB	178441	285625	20.41%	2.027%
13	8.275	893	899	911	rBV	161219	279295	19.96%	1.982%
14	8.404	916	921	925	rVB	2933	4663	0.33%	0.033%
15	8.728	970	976	989	rBV	143191	236851	16.92%	1.681%
16	9.039	1025	1029	1032	rVB	1455	1786	0.13%	0.013%
17	9.433	1091	1096	1105	rBV	127789	215873	15.42%	1.532%
18	9.969	1181	1187	1205	rBV	169146	324796	23.21%	2.305%
19	10.327	1241	1248	1256	rBV	264631	431922	30.86%	3.065%
20	10.498	1271	1277	1293	rBV	132264	279500	19.97%	1.984%
21	11.180	1391	1393	1394	rBV	2232	1935	0.14%	0.014%
22	11.198	1394	1396	1399	rVV2	2479	3257	0.23%	0.023%
23	11.939	1518	1522	1525	rBV	2285	2931	0.21%	0.021%
24	13.639	1805	1811	1815	rBV	366634	510983	36.51%	3.626%
25	13.686	1815	1819	1832	rVB	116401	159090	11.37%	1.129%
26	13.904	1850	1856	1871	rBV2	436587	623435	44.55%	4.424%
27	14.151	1893	1898	1901	rBV2	6584	7823	0.56%	0.056%
28	14.215	1901	1909	1918	rVB	427716	625129	44.67%	4.436%
29	14.451	1947	1949	1950	rBV	2567	1872	0.13%	0.013%
30	14.486	1950	1955	1972	rVV	69843	178032	12.72%	1.263%
31	14.645	1979	1982	1985	rBV4	8952	11427	0.82%	0.081%
32	14.680	1985	1988	1992	rVB2	10673	12574	0.90%	0.089%
33	14.992	2038	2041	2048	rVB	3056	3844	0.27%	0.027%
34	15.215	2073	2079	2088	rBV	535554	760559	54.34%	5.398%

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35	15.386	2102	2108	2118	rBV	101452	153853	10.99%	1.092%
36	15.457	2118	2120	2124	rVB	3225	3342	0.24%	0.024%
37	16.168	2238	2241	2245	rVB2	2069	2164	0.15%	0.015%
38	16.392	2275	2279	2283	rBV2	2038	3107	0.22%	0.022%
39	16.545	2302	2305	2308	rBV	1032	1410	0.10%	0.010%
40	16.768	2338	2343	2345	rBV2	2276	2366	0.17%	0.017%
41	16.921	2366	2369	2371	rVB	2311	2314	0.17%	0.016%
42	16.974	2372	2378	2386	rVV2	590026	803403	57.40%	5.702%
43	17.074	2389	2395	2406	rBV2	619702	877811	62.72%	6.230%
44	17.356	2440	2443	2444	rBV2	1225	1511	0.11%	0.011%
45	17.451	2455	2459	2460	rVV3	1401	1776	0.13%	0.013%
46	17.492	2464	2466	2469	rVB4	2270	1908	0.14%	0.014%
47	17.639	2489	2491	2493	rVV3	2121	1742	0.12%	0.012%
48	17.680	2496	2498	2503	rBV2	1851	2659	0.19%	0.019%
49	17.745	2508	2509	2512	rVB3	1838	1716	0.12%	0.012%
50	17.874	2526	2531	2540	rBV	170698	245539	17.54%	1.743%
51	17.998	2550	2552	2556	rVB4	2751	2939	0.21%	0.021%
52	18.086	2563	2567	2569	rBV3	2540	2790	0.20%	0.020%
53	18.109	2569	2571	2574	rBV3	2314	2782	0.20%	0.020%
54	18.150	2576	2578	2584	rBV6	3570	5119	0.37%	0.036%
55	18.292	2599	2602	2605	rBV4	2509	3991	0.29%	0.028%
56	19.015	2722	2725	2728	rBV2	16908	22652	1.62%	0.161%
57	19.162	2746	2750	2756	rBV	111511	154222	11.02%	1.095%
58	19.386	2782	2788	2793	rBV	876869	1152157	82.32%	8.177%
59	20.415	2960	2963	2968	rBV6	25915	53911	3.85%	0.383%
60	20.744	3016	3019	3024	rVB	169258	200297	14.31%	1.421%
61	20.891	3040	3044	3047	rBV	124447	175357	12.53%	1.244%
62	21.186	3089	3094	3102	rBV	777503	1066317	76.19%	7.568%
63	21.321	3114	3117	3119	rBV	81356	91247	6.52%	0.648%
64	21.744	3186	3189	3192	rBV	175880	179339	12.81%	1.273%
65	22.191	3262	3265	3271	rVB	241693	296529	21.19%	2.104%
66	22.680	3344	3348	3353	rBV	295371	416411	29.75%	2.955%
67	23.238	3437	3443	3453	rVB2	622421	1399549	100.00%	9.933%
68	23.380	3462	3467	3475	rBV	454256	798485	57.05%	5.667%
69	23.838	3541	3545	3551	rVB	185781	298913	21.36%	2.121%

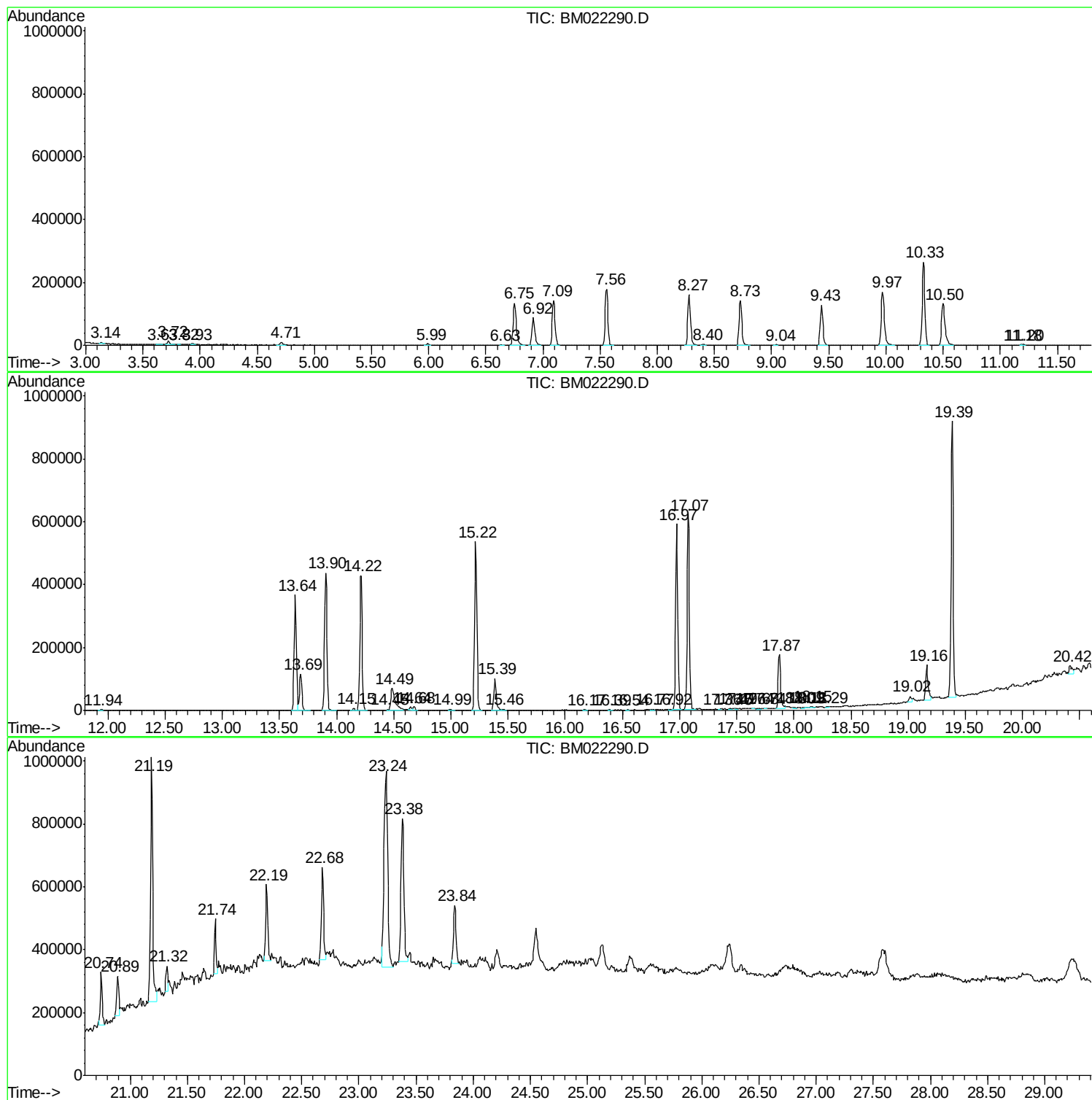
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Quant Title : SVOA CALIBRATION

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



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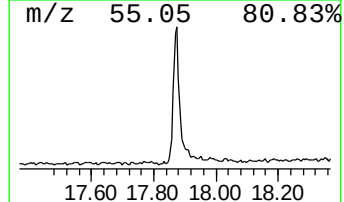
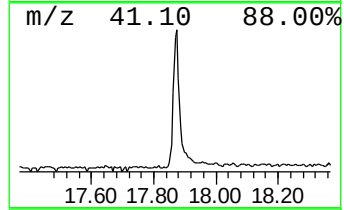
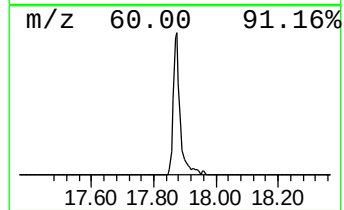
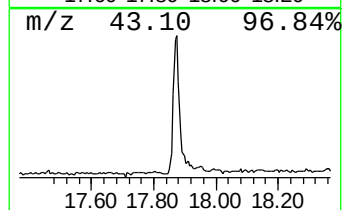
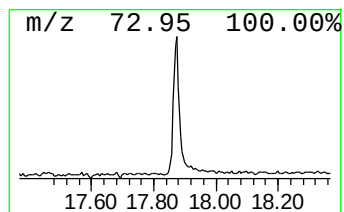
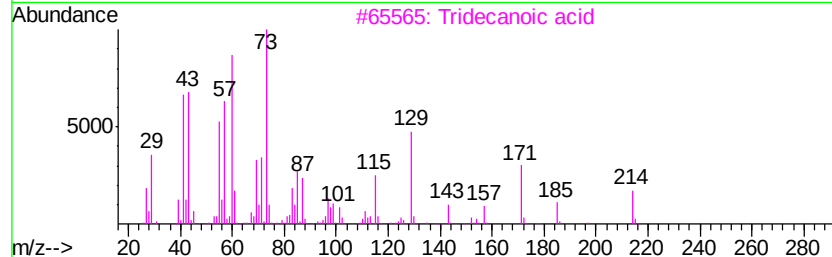
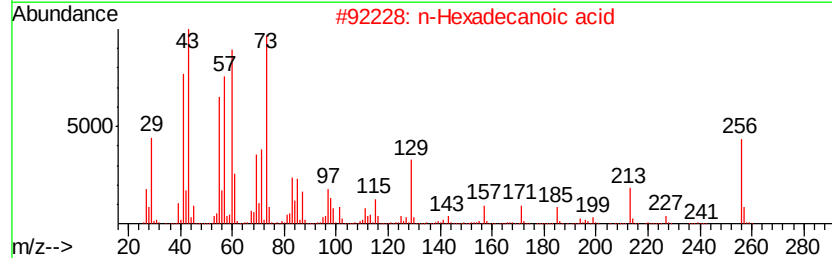
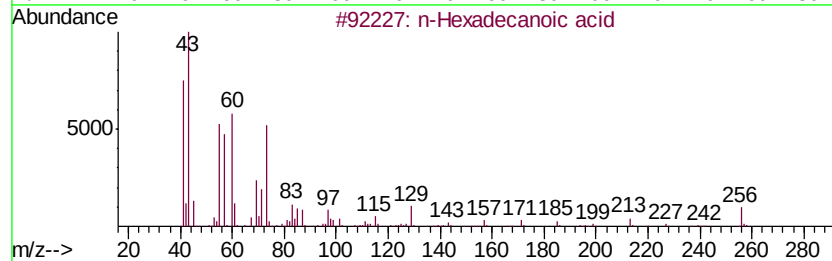
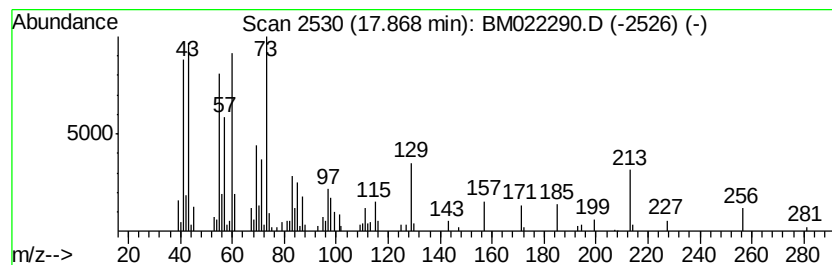
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.87	6.11 ng/ul	245539	Phenanthrene-d10		16.97		
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	97
3			Tridecanoic acid	214	C13H26O2	000638-53-9	94
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81



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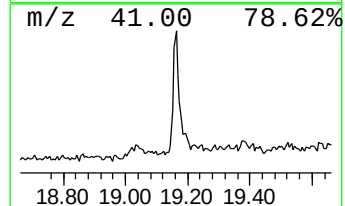
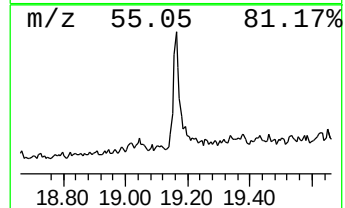
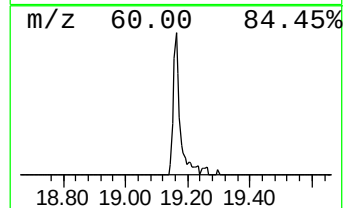
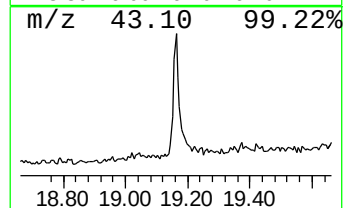
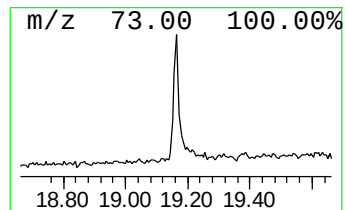
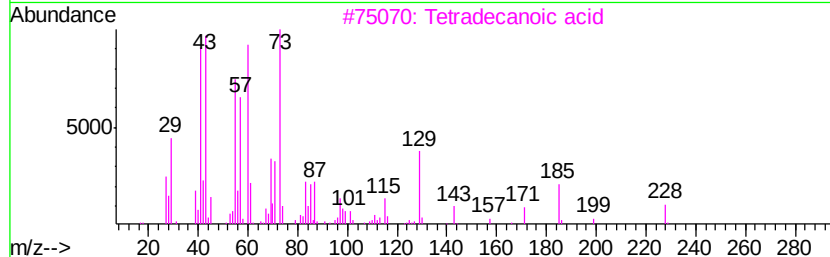
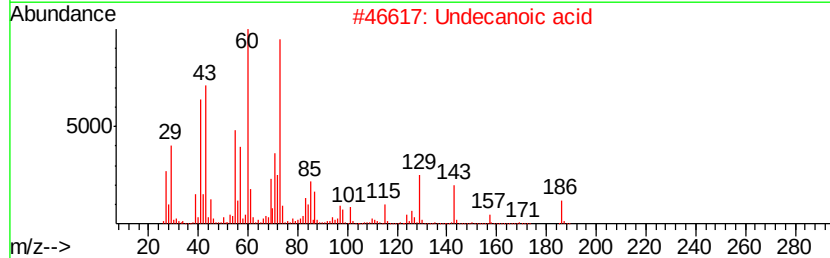
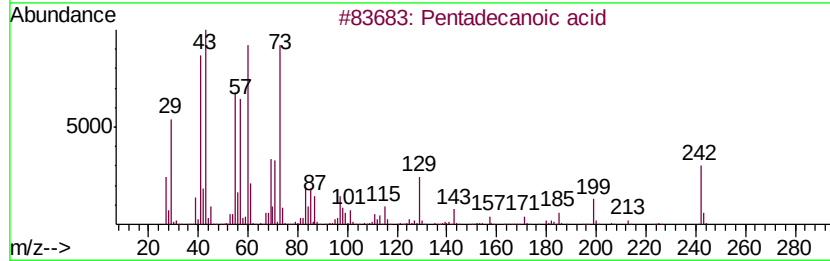
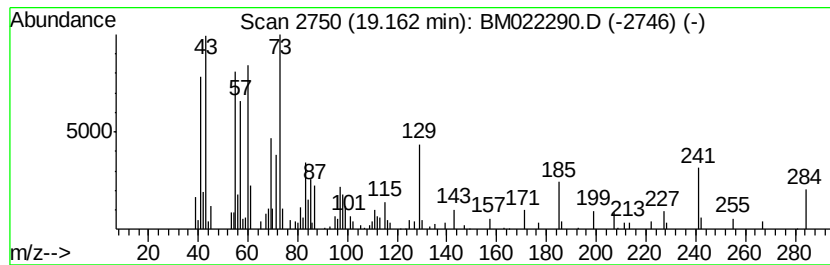
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.89 ng/ul	154222	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecanoic acid	242 C15H30O2	001002-84-2 93
2		Undecanoic acid	186 C11H22O2	000112-37-8 76
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 76
4		Tetradecanoic acid	228 C14H28O2	000544-63-8 74
5		Tetradecanoic acid	228 C14H28O2	000544-63-8 74



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Instrument :
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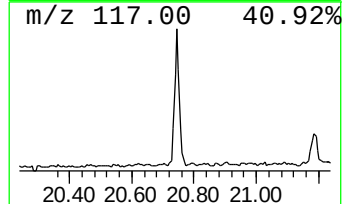
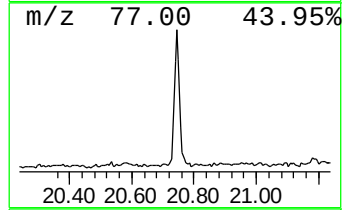
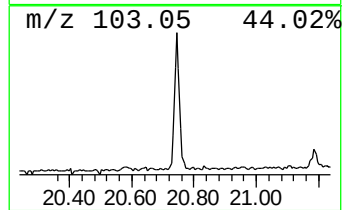
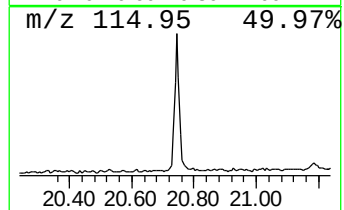
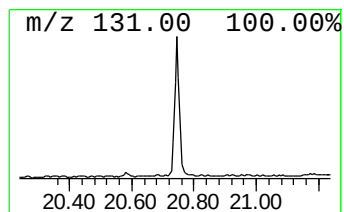
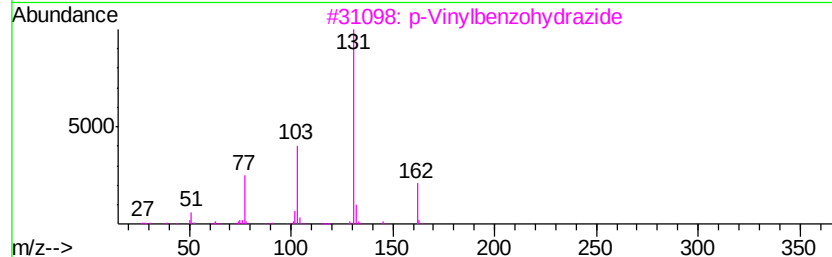
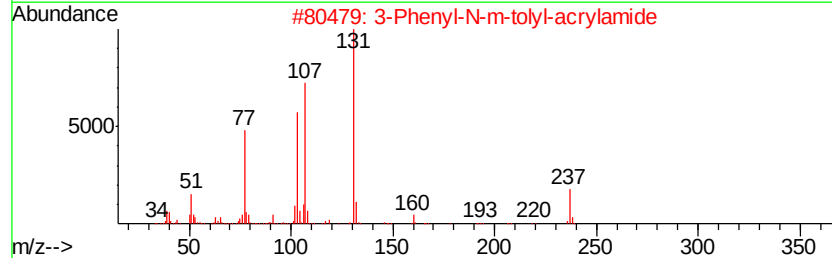
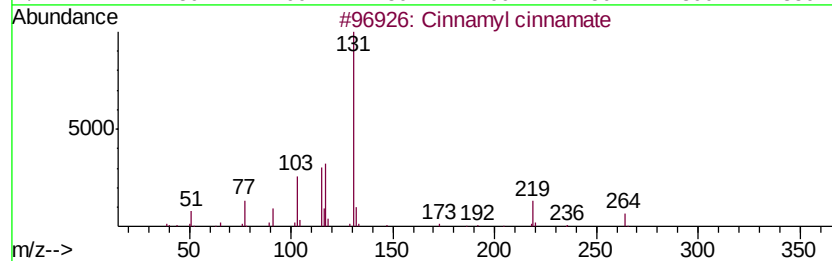
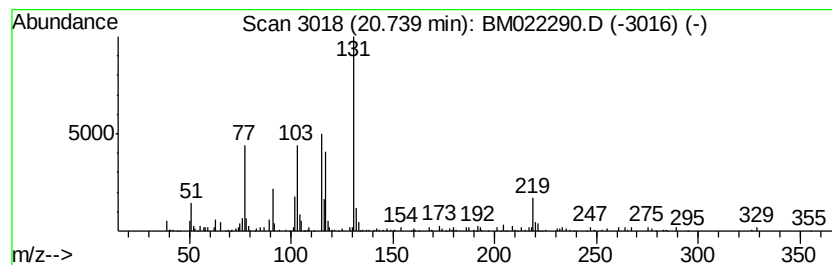
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cinnamyl cinnamate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.74	3.76 ng/ul	200297	Chrysene-d12		21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cinnamyl cinnamate	264	C18H16O2	000122-69-0	83
2			3-Phenyl-N-m-tolyl-acrylamide	237	C16H15NO	1000296-12-9	47
3			p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	47
4			1-(2-Vinylphenyl)propan-1-one	160	C11H12O	052095-41-7	47
5			Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47



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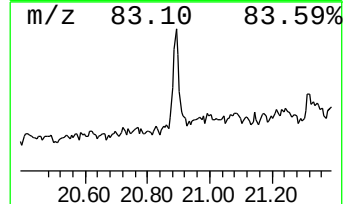
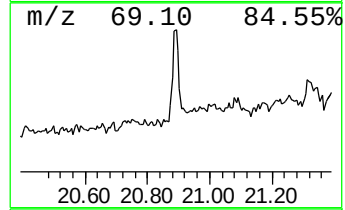
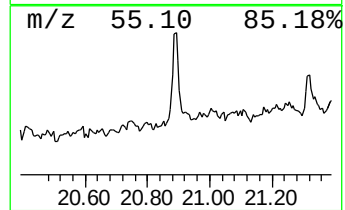
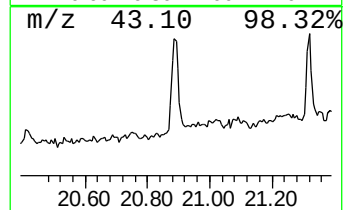
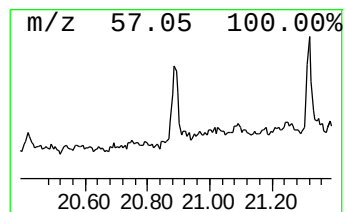
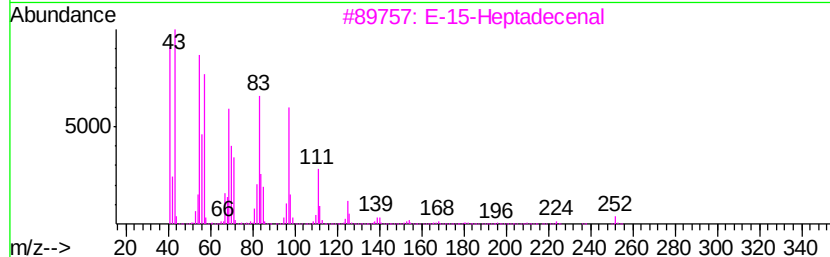
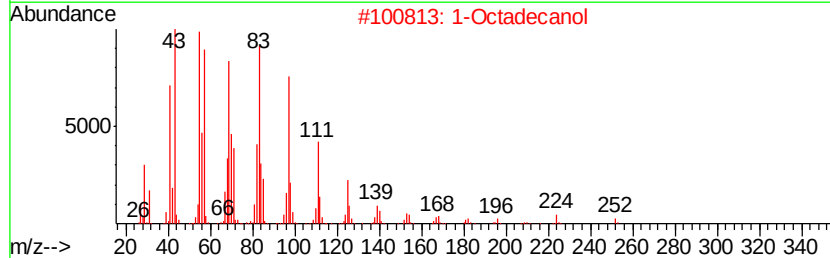
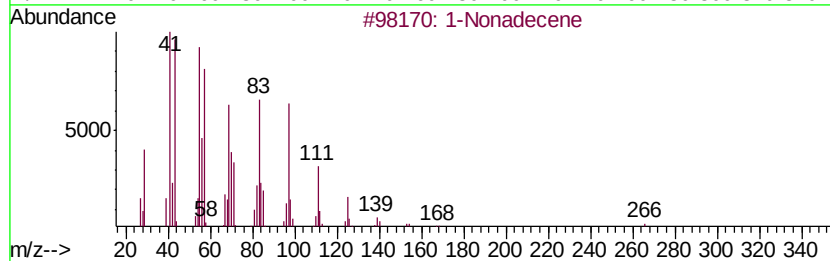
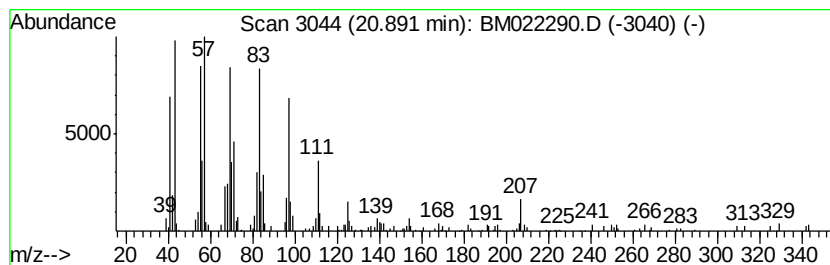
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic20.89 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.89	3.29 ng/ul	175357	Chrysene-d12	21.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	1-Octadecanol	270	C18H38O	000112-92-5	87
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81



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C0AH2

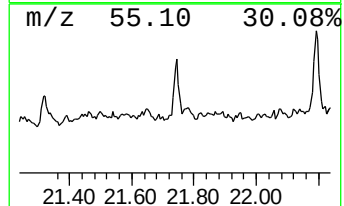
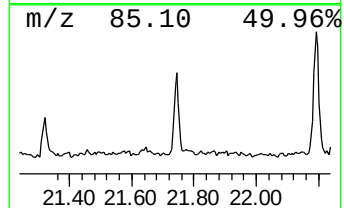
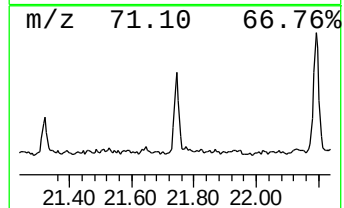
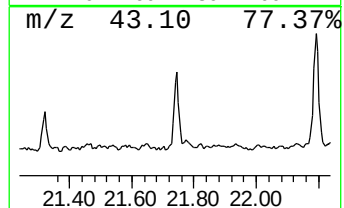
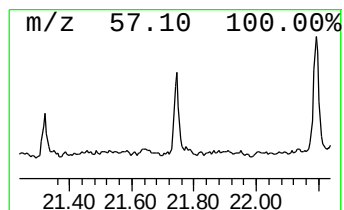
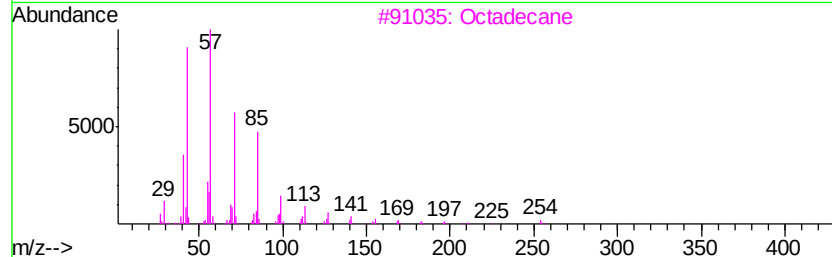
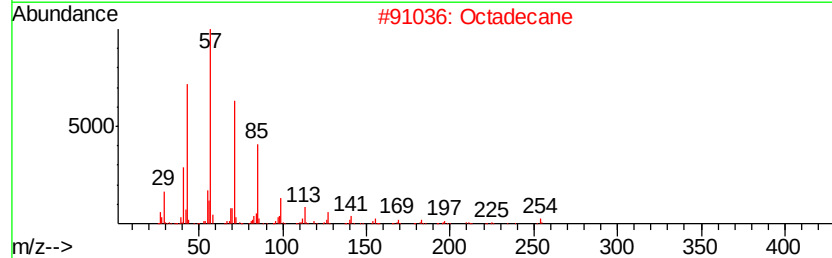
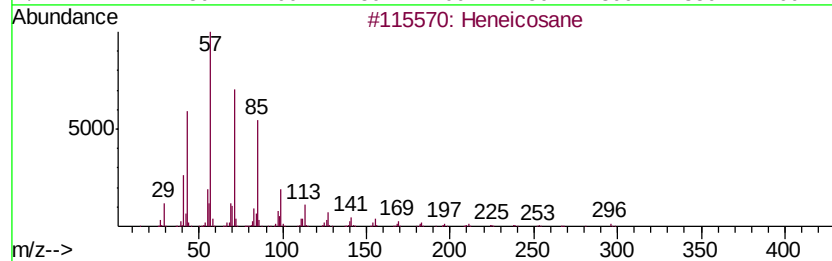
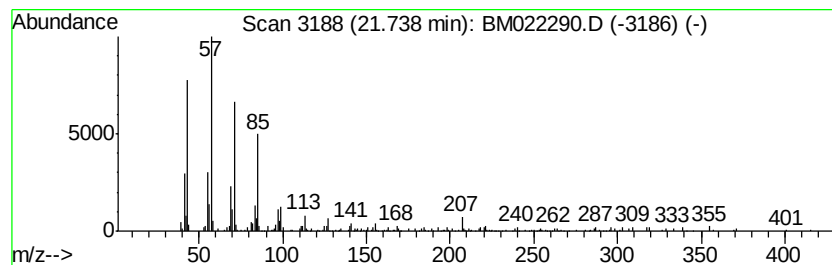
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	3.36 ng/ul	179339	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	99
2		Octadecane	254	C18H38	000593-45-3	96
3		Octadecane	254	C18H38	000593-45-3	96
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022290.D
Acq On : 24 Aug 2019 12:45
Operator : HP/JU
Sample : K4242-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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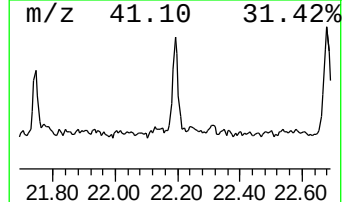
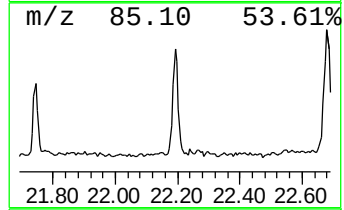
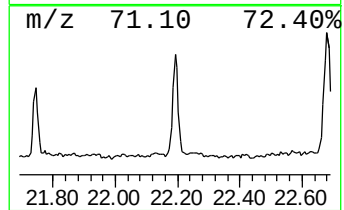
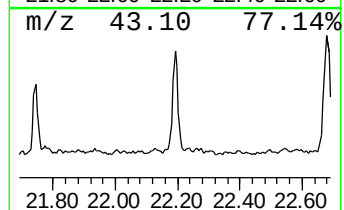
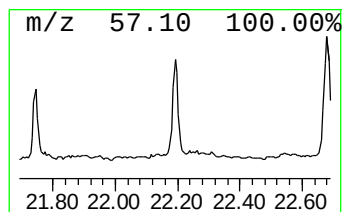
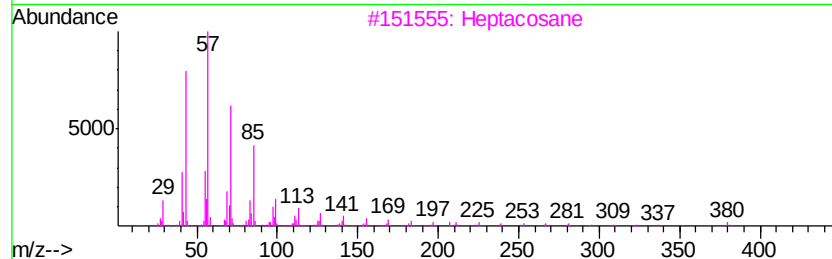
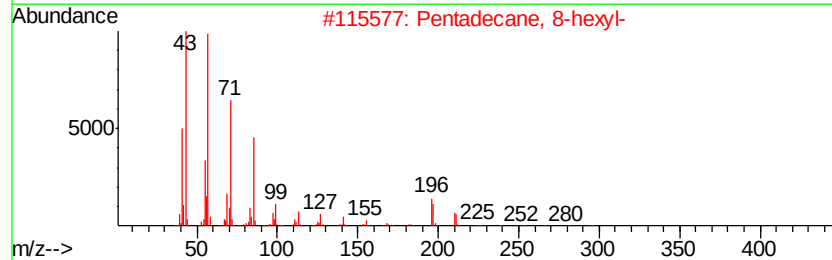
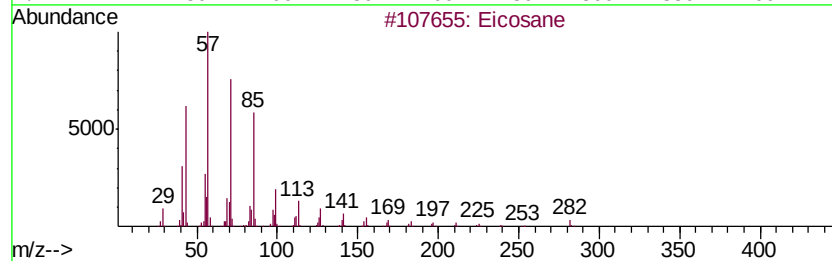
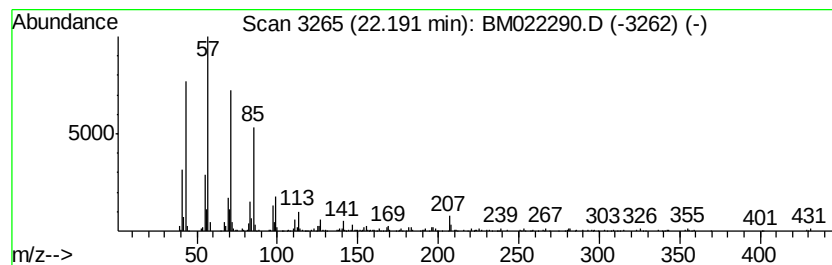
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	5.56 ng/ul	296529	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Octadecane	254	C18H38	000593-45-3	83
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022290.D
Acq On : 24 Aug 2019 12:45
Operator : HP/JU
Sample : K4242-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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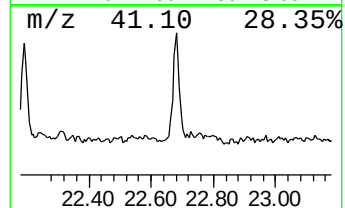
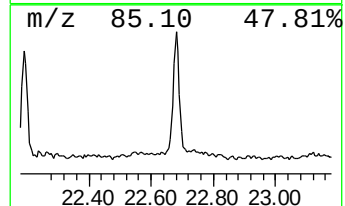
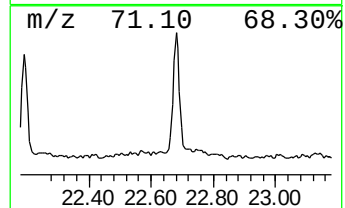
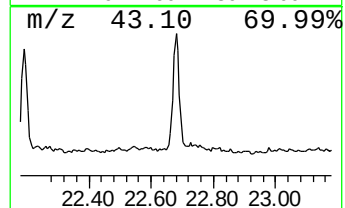
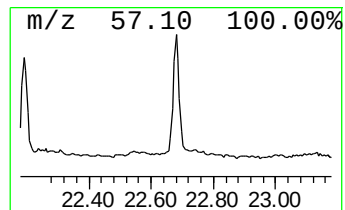
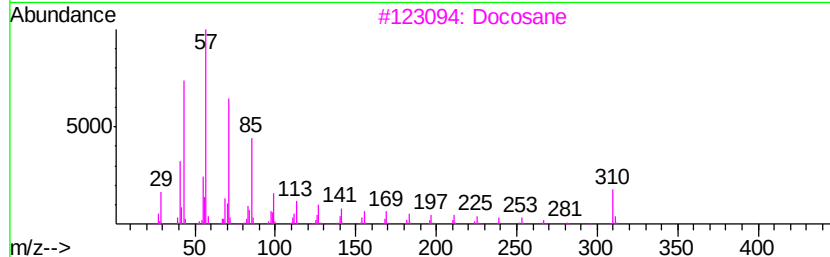
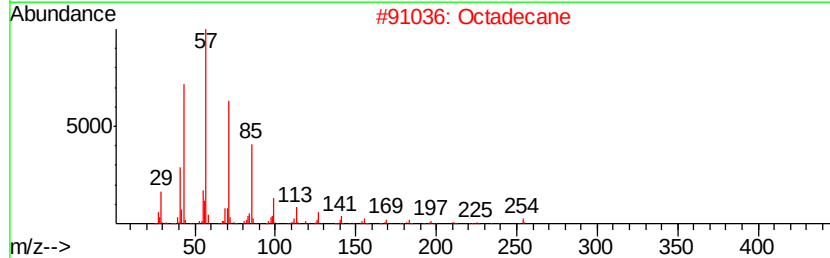
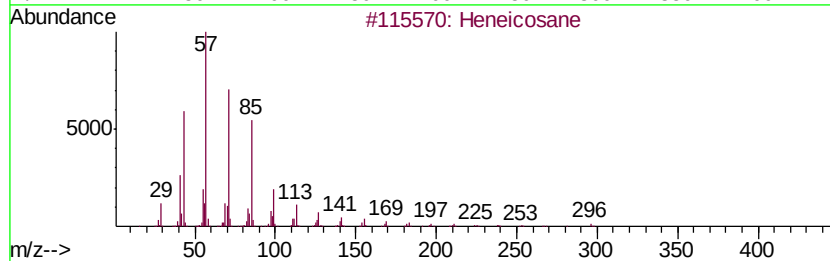
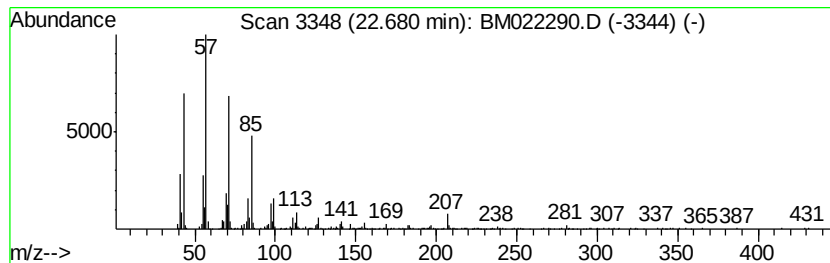
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Quant Title : SVOA CALIBRATION

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.
22.68	10.43 ng/ul	416411	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Octadecane	254	C18H38	000593-45-3	95
3		Docosane	310	C22H46	000629-97-0	93
4		Tricosane	324	C23H48	000638-67-5	93
5		Heptadecane	240	C17H36	000629-78-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022290.D
Acq On : 24 Aug 2019 12:45
Operator : HP/JU
Sample : K4242-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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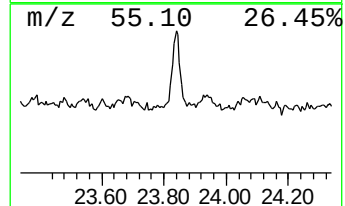
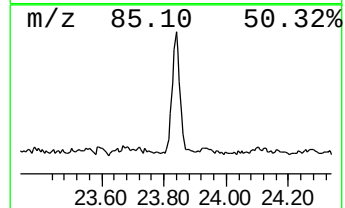
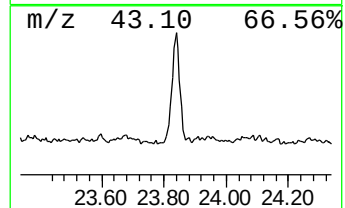
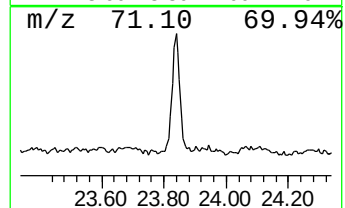
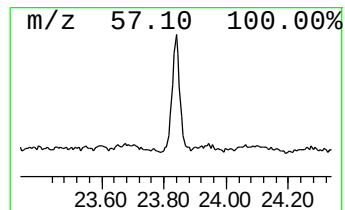
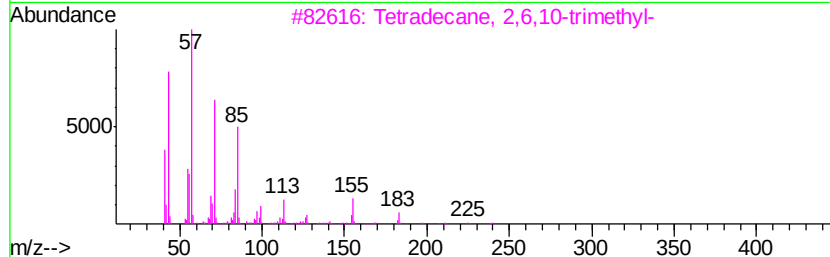
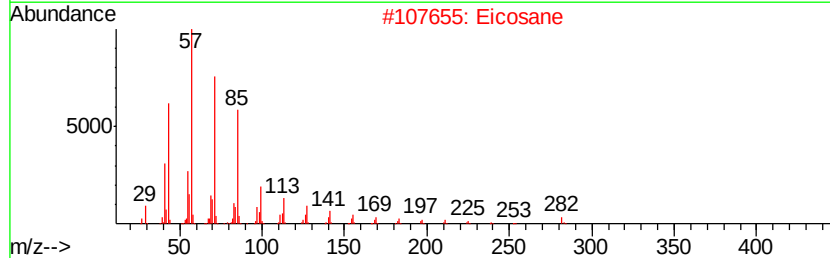
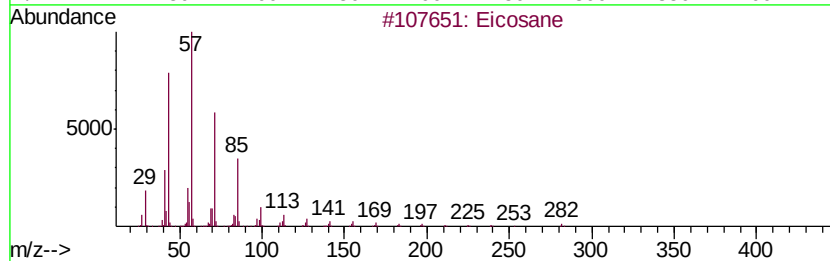
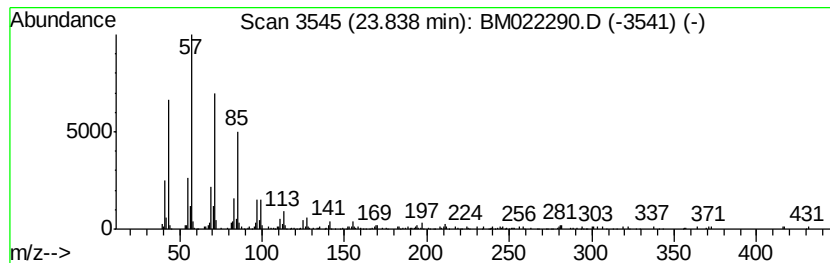
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	7.49 ng/ul	298913	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Tetratriacontane	479	C34H70	014167-59-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022290.D
Acq On : 24 Aug 2019 12:45
Operator : HP/JU
Sample : K4242-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	6.1	ng/ul	245539	4	16.97	803403	20.0
Pentadecanoic acid	19.16	2.9	ng/ul	154222	5	21.19	1066320	20.0
Cinnamyl cinnamate	20.74	3.8	ng/ul	200297	5	21.19	1066320	20.0
(DEL) Alkane: Cyc...	20.89	3.3	ng/ul	175357	5	21.19	1066320	20.0
(DEL) Alkane: Str...	21.74	3.4	ng/ul	179339	5	21.19	1066320	20.0
(DEL) Alkane: Str...	22.19	5.6	ng/ul	296529	5	21.19	1066320	20.0
(DEL) Alkane: Str...	22.68	10.4	ng/ul	416411	6	23.38	798485	20.0
(DEL) Alkane: Str...	23.84	7.5	ng/ul	298913	6	23.38	798485	20.0