

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022261.D
 Acq On : 23 Aug 2019 18:12
 Operator : HP/JU
 Sample : K4337-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE6

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	3.728	118	126	130	rBV2	2899	5065	0.25%	0.035%
2	6.751	636	640	651	rBB	26740	52401	2.64%	0.363%
3	6.916	663	668	681	rBV	100625	169182	8.51%	1.171%
4	7.098	693	699	709	rBB	129545	216028	10.87%	1.495%
5	7.557	772	777	786	rVB	118489	186284	9.37%	1.289%
6	8.281	894	900	912	rBV2	98160	167993	8.45%	1.162%
7	8.728	970	976	989	rBV	159198	269631	13.57%	1.866%
8	9.439	1091	1097	1106	rBV	156454	254468	12.81%	1.761%
9	9.975	1182	1188	1206	rVV	164275	354859	17.86%	2.455%
10	10.333	1242	1249	1258	rBV	168977	277684	13.97%	1.921%
11	10.527	1277	1282	1287	rBV	4744	9155	0.46%	0.063%
12	11.951	1520	1524	1528	rBB2	1903	3004	0.15%	0.021%
13	12.186	1560	1564	1568	rBV	6203	9849	0.50%	0.068%
14	12.433	1602	1606	1610	rBB	3767	4990	0.25%	0.035%
15	12.833	1671	1674	1676	rBB2	2326	2066	0.10%	0.014%
16	13.257	1742	1746	1750	rBB2	4767	6897	0.35%	0.048%
17	13.639	1805	1811	1816	rBV	469859	636129	32.01%	4.402%
18	13.686	1816	1819	1826	rVB	50976	70261	3.54%	0.486%
19	13.904	1850	1856	1862	rBV2	494674	709494	35.71%	4.909%
20	14.215	1903	1909	1916	rBV	292631	413254	20.80%	2.860%
21	14.427	1941	1945	1948	rBV2	6207	7448	0.37%	0.052%
22	14.504	1954	1958	1971	rBV4	13514	37070	1.87%	0.257%
23	14.586	1971	1972	1977	rVB	2856	2463	0.12%	0.017%
24	14.845	2013	2016	2020	rBB	1932	2898	0.15%	0.020%
25	15.010	2040	2044	2047	rBB2	1850	2378	0.12%	0.016%
26	15.215	2073	2079	2090	rBV	637363	897764	45.18%	6.212%
27	15.380	2101	2107	2118	rBV	198309	302358	15.22%	2.092%
28	15.457	2118	2120	2123	rBV3	3145	3362	0.17%	0.023%
29	16.045	2215	2220	2221	rVB	1945	2916	0.15%	0.020%
30	16.498	2294	2297	2300	rBV	2968	3813	0.19%	0.026%
31	16.609	2314	2316	2321	rBV2	2084	3234	0.16%	0.022%
32	16.721	2329	2335	2337	rBV3	3402	4159	0.21%	0.029%
33	16.874	2358	2361	2368	rVB2	1545	2707	0.14%	0.019%
34	16.974	2372	2378	2384	rBV	388913	542738	27.31%	3.755%

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ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
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Sampling : 1
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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

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35	17.074	2389	2395	2406	rVV	766194	1081626	54.43%	7.484%
36	17.156	2406	2409	2411	rVV	2133	2766	0.14%	0.019%
37	17.580	2477	2481	2483	rVB3	3484	3742	0.19%	0.026%
38	17.874	2526	2531	2538	rBV	74064	109230	5.50%	0.756%
39	18.156	2574	2579	2583	rBV4	5955	8322	0.42%	0.058%
40	18.556	2645	2647	2650	rVB4	1962	2110	0.11%	0.015%
41	18.586	2650	2652	2656	rBV2	2946	2997	0.15%	0.021%
42	18.745	2678	2679	2682	rVV3	2816	2487	0.13%	0.017%
43	18.792	2683	2687	2694	rVB5	11711	14938	0.75%	0.103%
44	19.015	2720	2725	2728	rBV2	31441	42050	2.12%	0.291%
45	19.162	2746	2750	2756	rBV2	50995	65156	3.28%	0.451%
46	19.268	2765	2768	2772	rBV	6992	10516	0.53%	0.073%
47	19.333	2776	2779	2781	rVV4	5374	5122	0.26%	0.035%
48	19.386	2782	2788	2793	rVV	1193970	1528466	76.92%	10.576%
49	19.421	2793	2794	2799	rVB2	28893	25448	1.28%	0.176%
50	19.915	2873	2878	2881	rBV	41294	48400	2.44%	0.335%
51	20.303	2939	2944	2949	rBV7	19231	37166	1.87%	0.257%
52	20.415	2959	2963	2967	rBV2	82368	97392	4.90%	0.674%
53	20.886	3039	3043	3050	rBV	138558	177443	8.93%	1.228%
54	21.186	3089	3094	3102	rVB	584137	772833	38.89%	5.348%
55	21.321	3113	3117	3121	rBV	216969	233307	11.74%	1.614%
56	21.744	3185	3189	3193	rBV	295098	321153	16.16%	2.222%
57	22.191	3261	3265	3276	rVB	369235	471733	23.74%	3.264%
58	22.680	3343	3348	3354	rVB	372517	486627	24.49%	3.367%
59	23.238	3435	3443	3457	rVB2	985967	1987034	100.00%	13.749%
60	23.380	3461	3467	3476	rVB	382236	686980	34.57%	4.754%
61	23.838	3539	3545	3552	rVB2	217258	382166	19.23%	2.644%
62	24.544	3661	3665	3673	rVB2	108782	210701	10.60%	1.458%

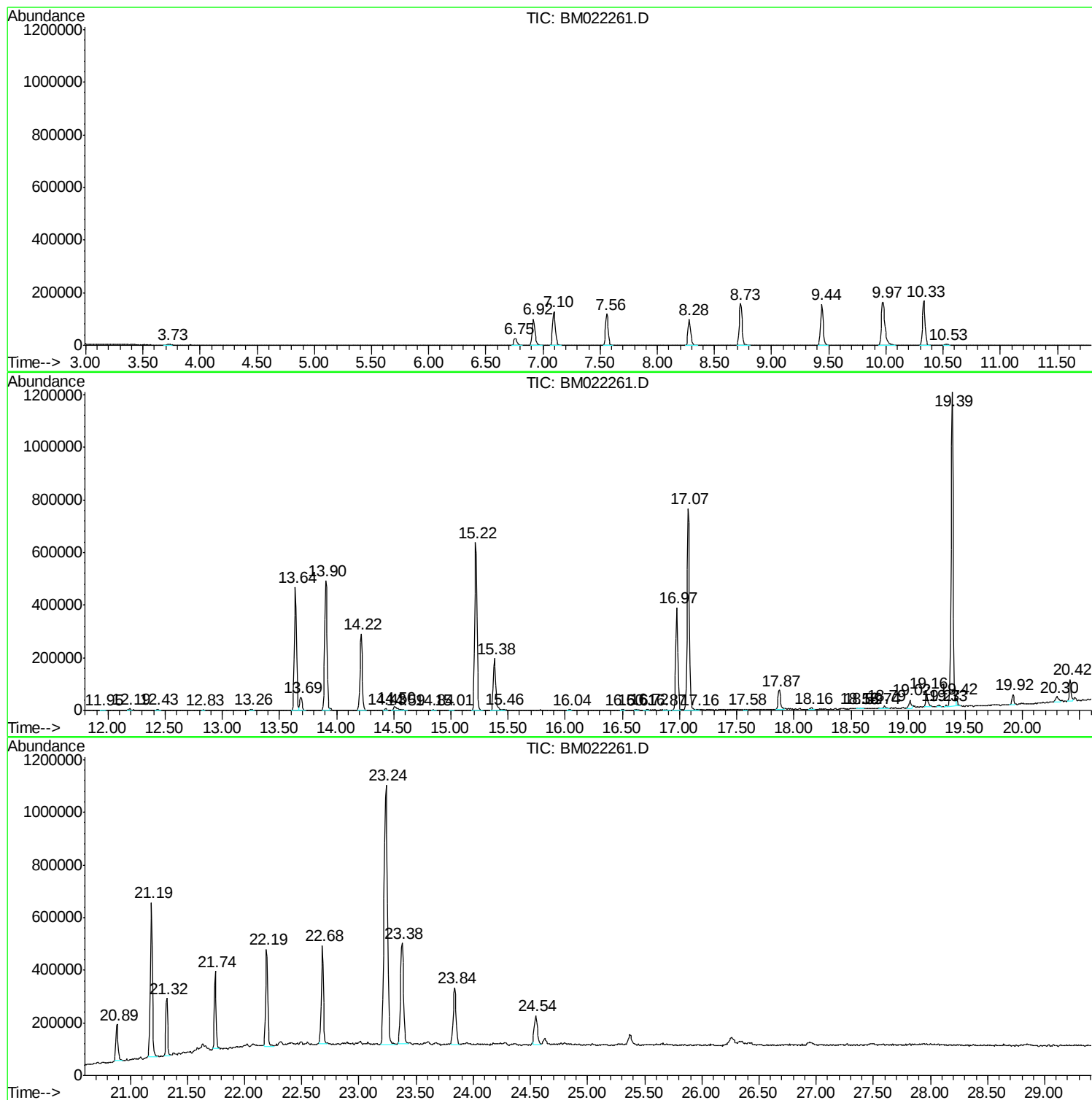
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Quant Title : SVOA CALIBRATION

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



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Misc :
ALS Vial : 14 Sample Multiplier: 1

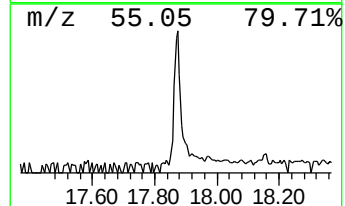
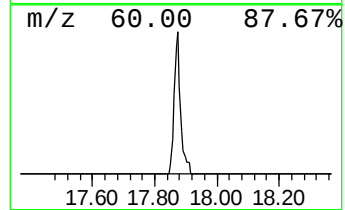
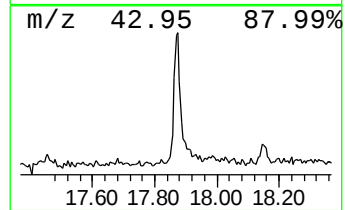
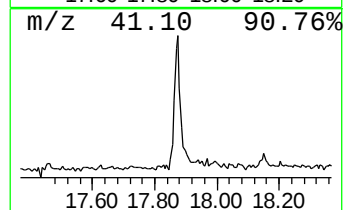
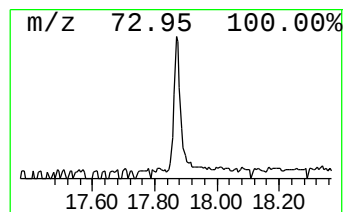
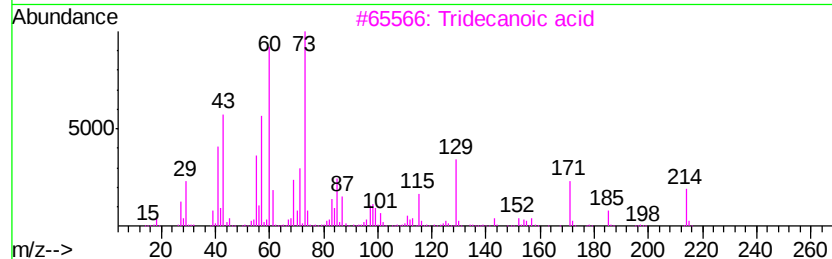
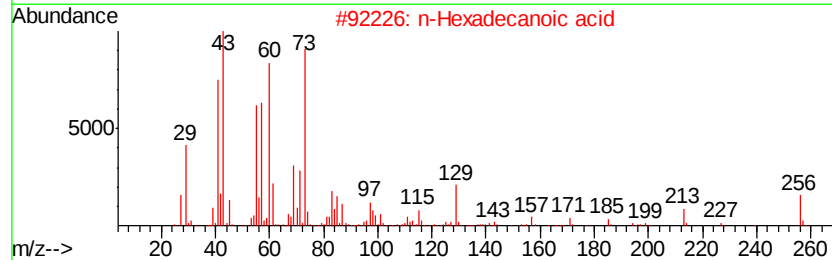
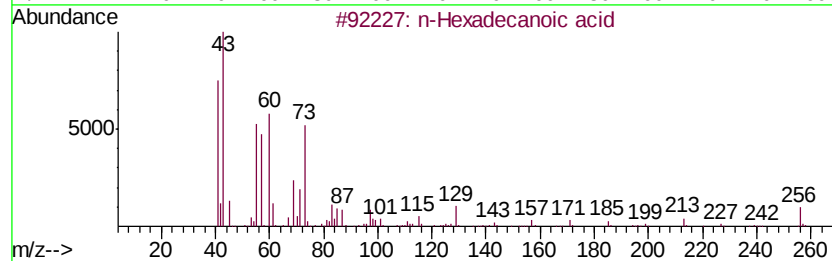
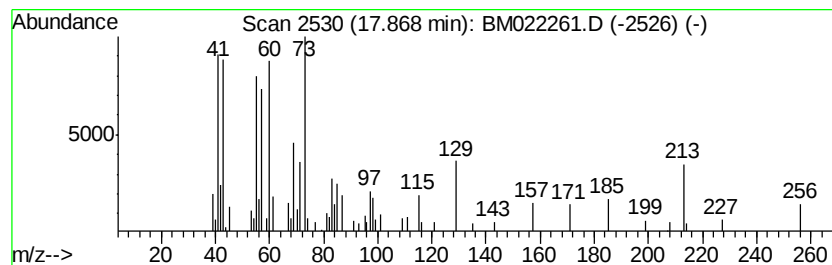
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.03 ng/ul	109230	Phenanthrene-d10	16.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	76
3	Tridecanoic acid	214 C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228 C14H28O2	000544-63-8	72
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	72



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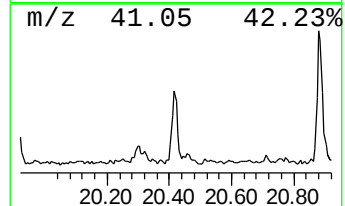
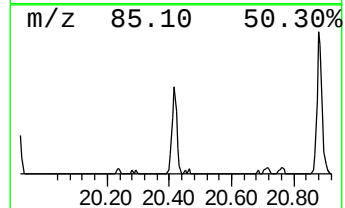
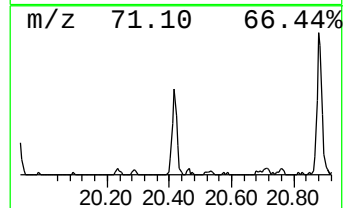
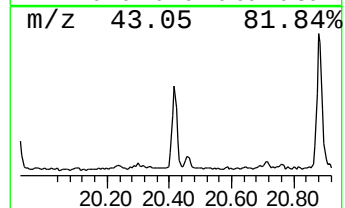
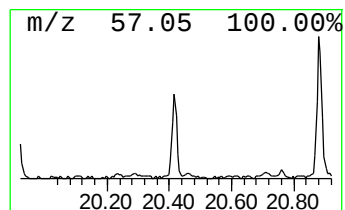
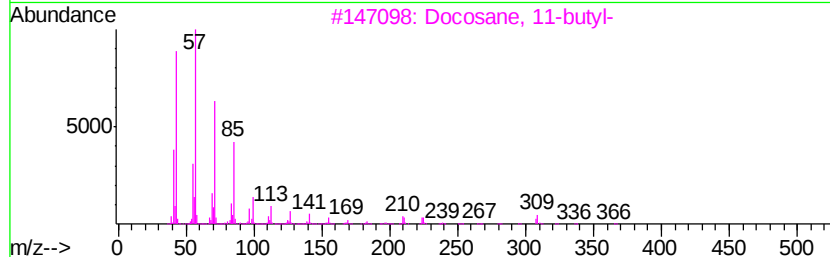
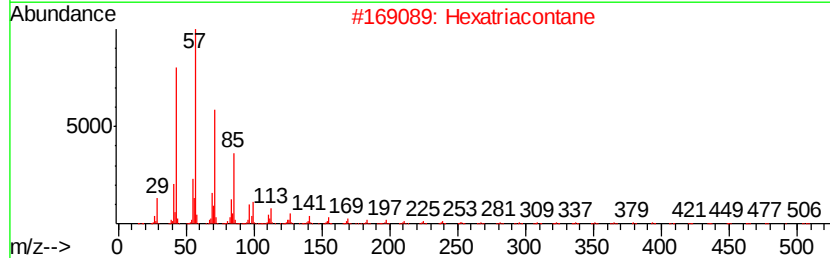
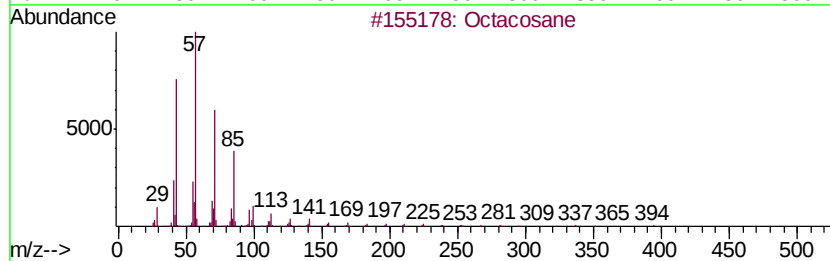
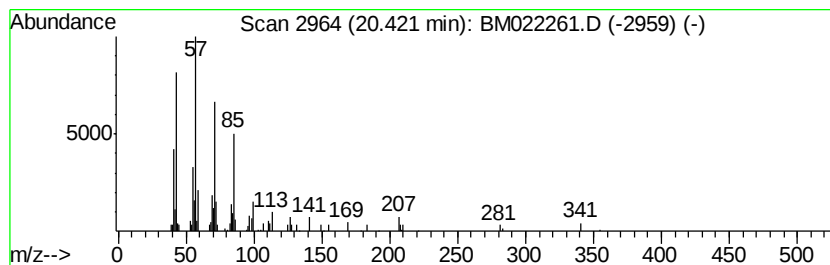
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.52 ng/ul	97392	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



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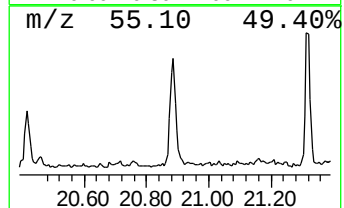
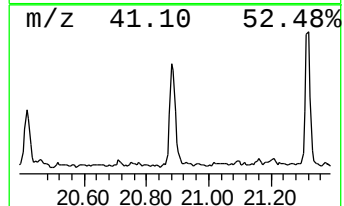
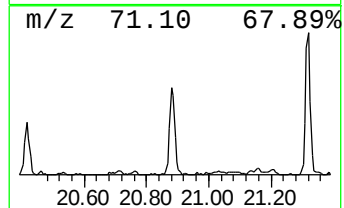
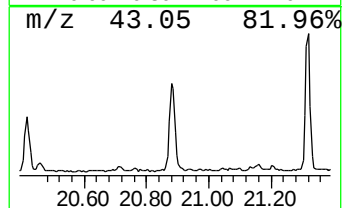
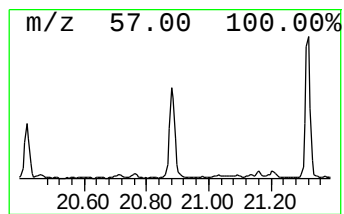
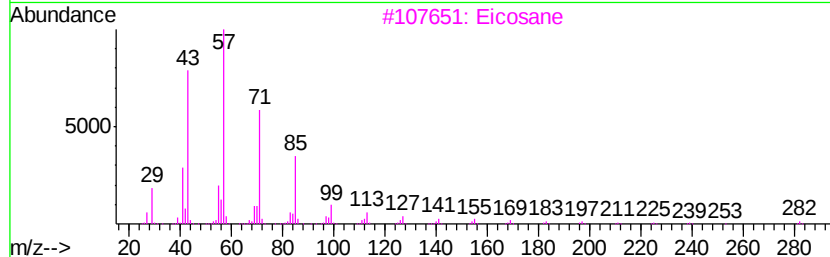
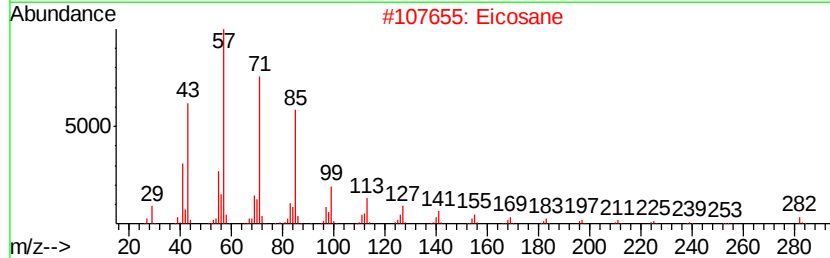
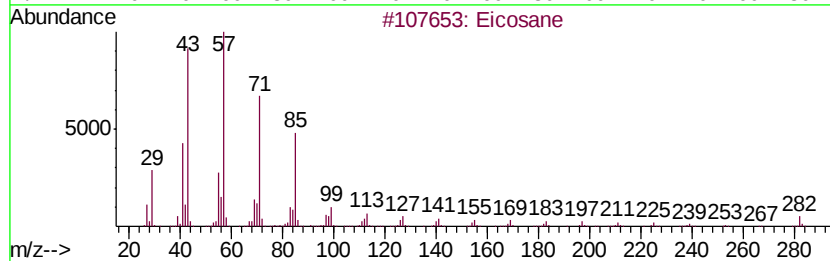
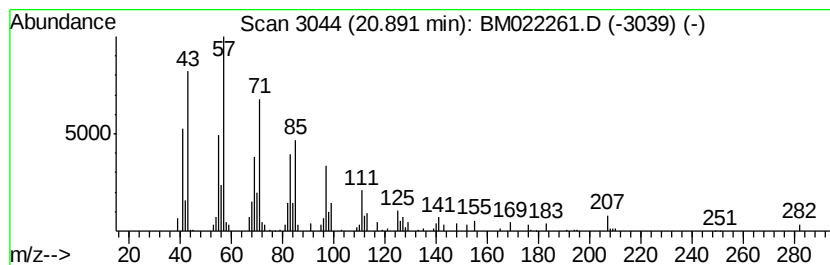
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.59 ng/ul	177443	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	94
3		Eicosane	282	C20H42	000112-95-8	92
4		Eicosane	282	C20H42	000112-95-8	91
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91



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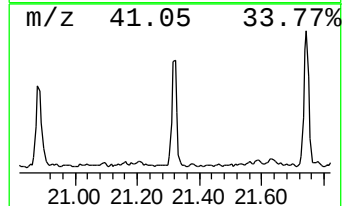
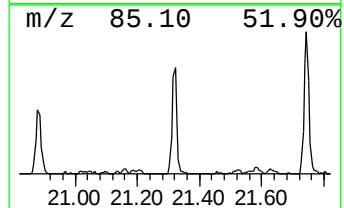
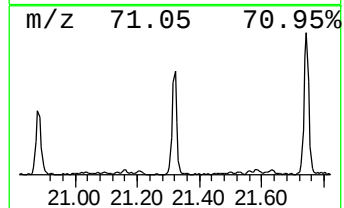
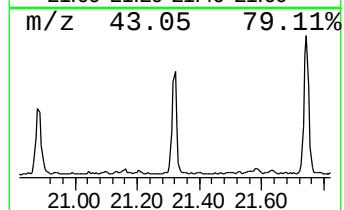
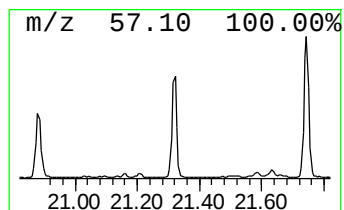
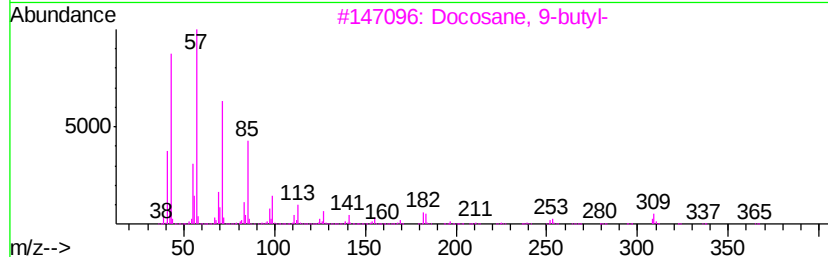
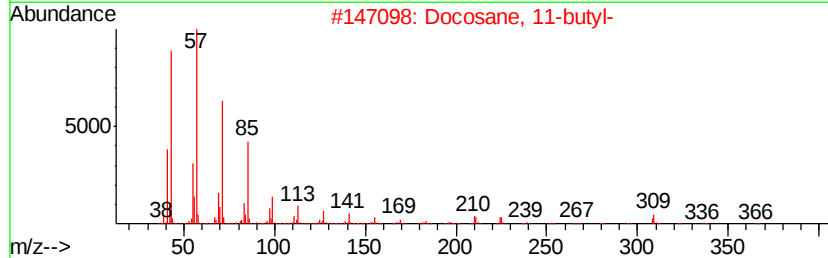
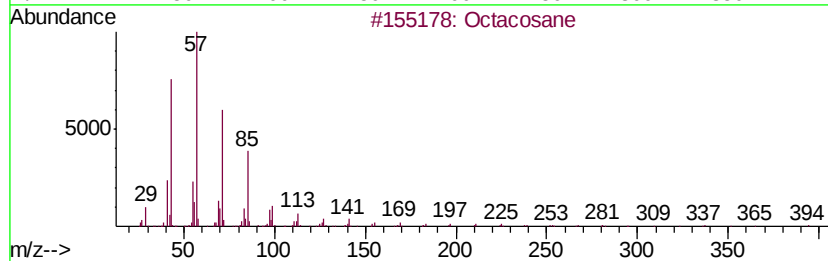
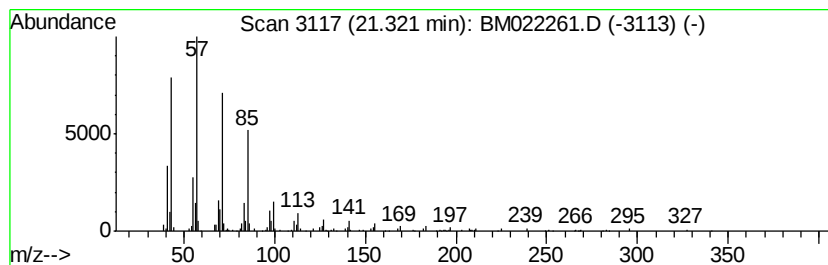
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	6.04 ng/ul	233307	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	94
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



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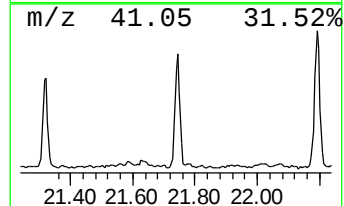
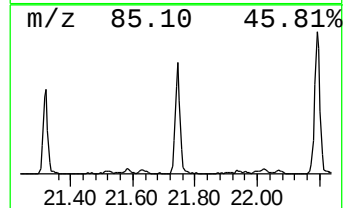
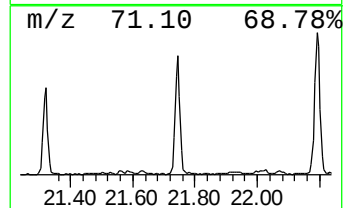
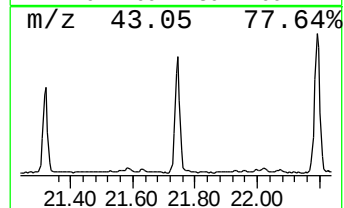
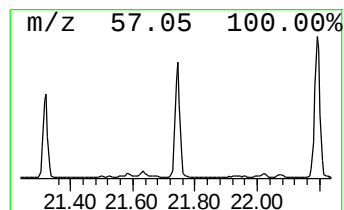
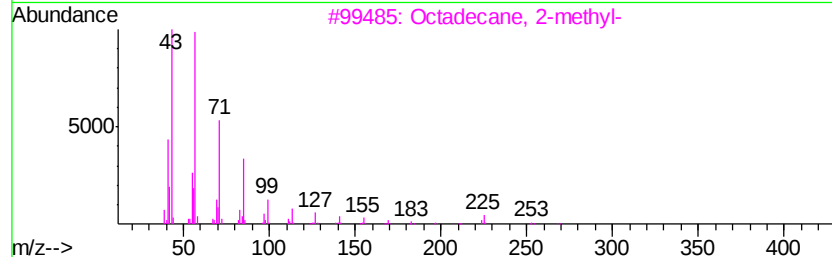
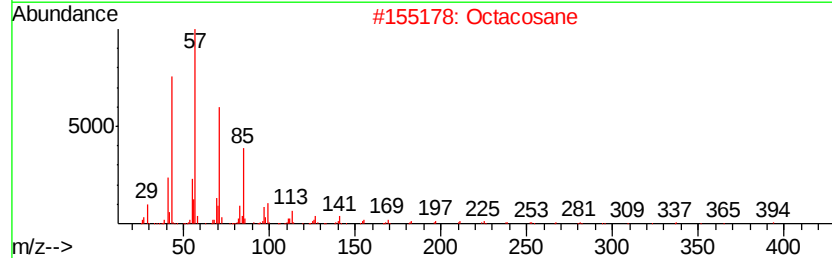
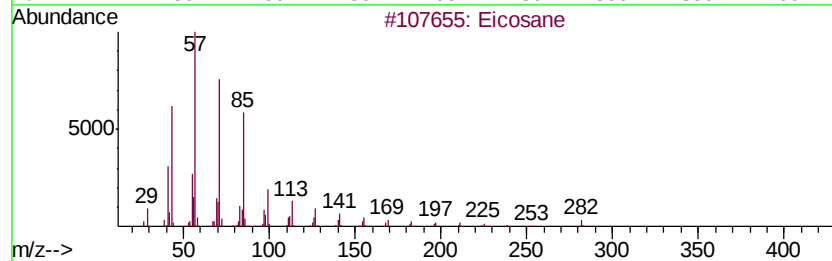
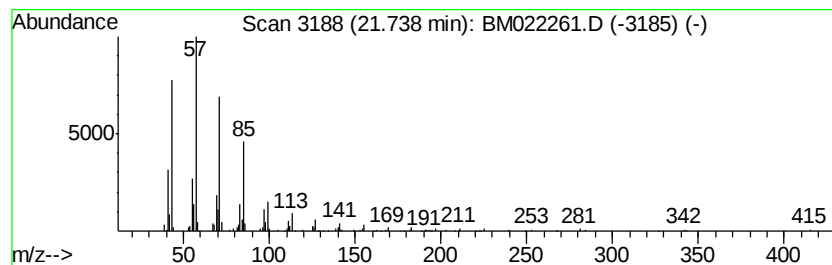
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	8.31 ng/ul	321153	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Octacosane	394	C28H58	000630-02-4	94
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022261.D
Acq On : 23 Aug 2019 18:12
Operator : HP/JU
Sample : K4337-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE6

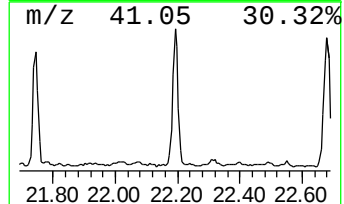
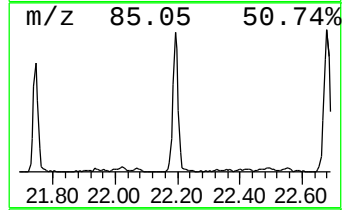
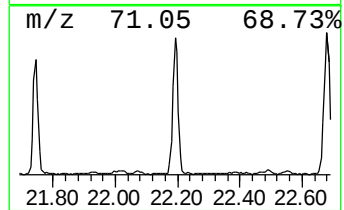
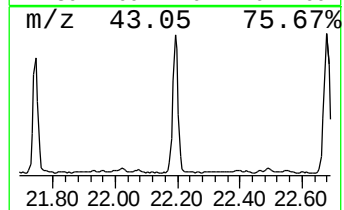
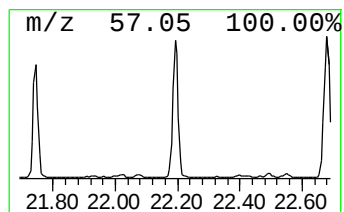
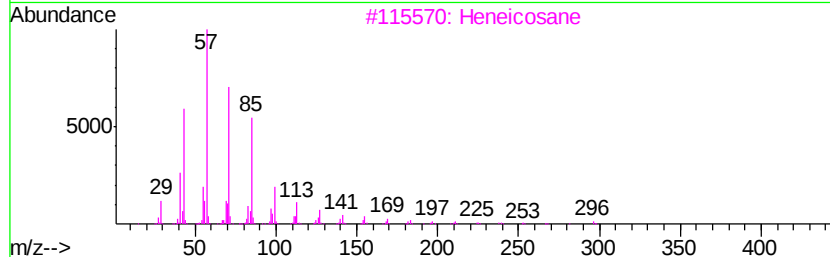
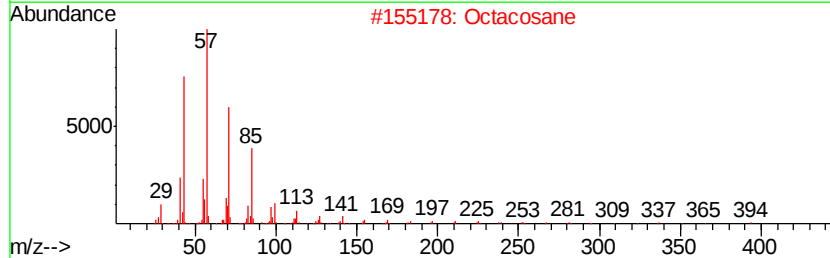
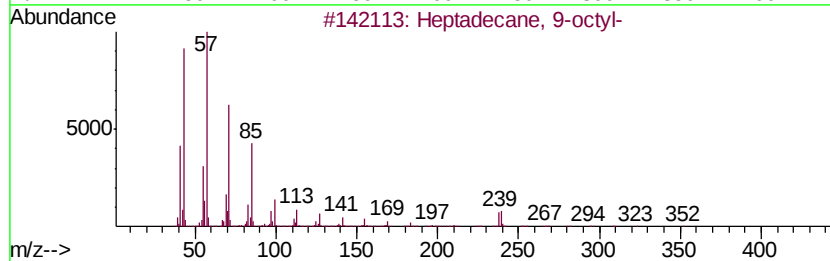
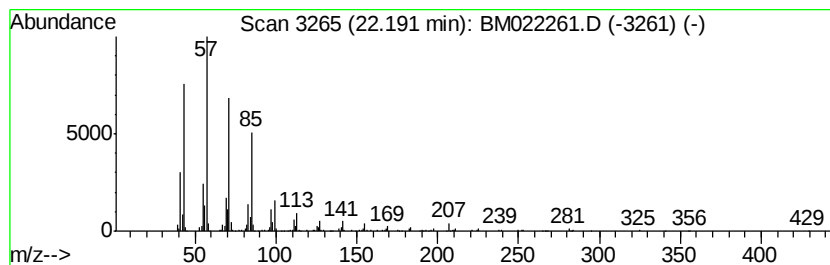
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	12.21 ng/ul	471733	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		triacontane	422	C30H62	000638-68-6	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022261.D
Acq On : 23 Aug 2019 18:12
Operator : HP/JU
Sample : K4337-04
Misc :
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Instrument :
BNA_M
ClientSampleId :
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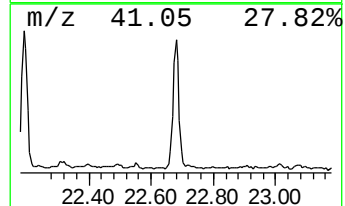
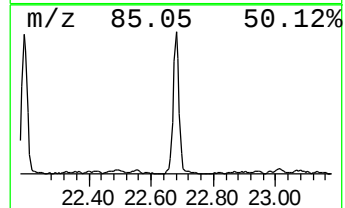
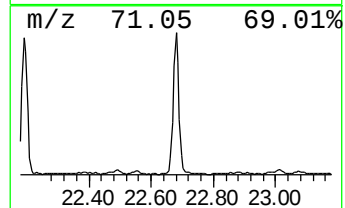
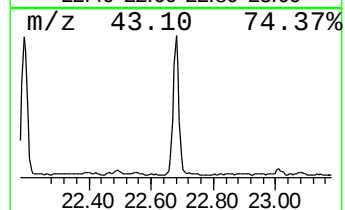
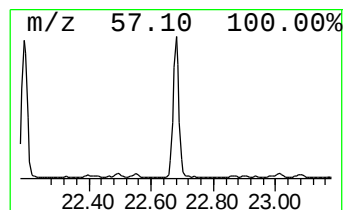
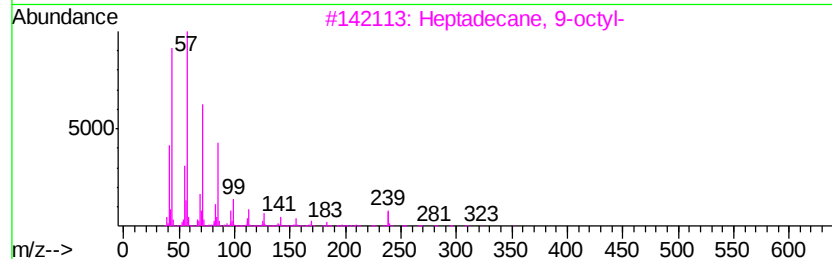
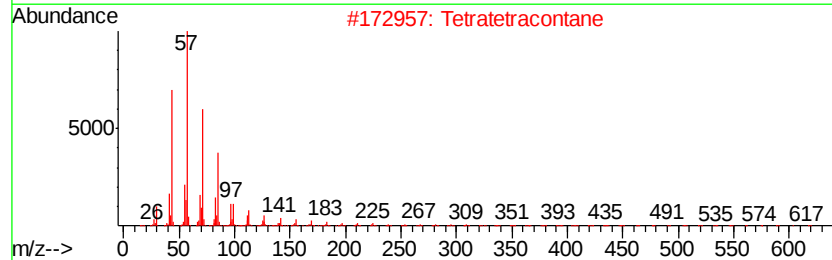
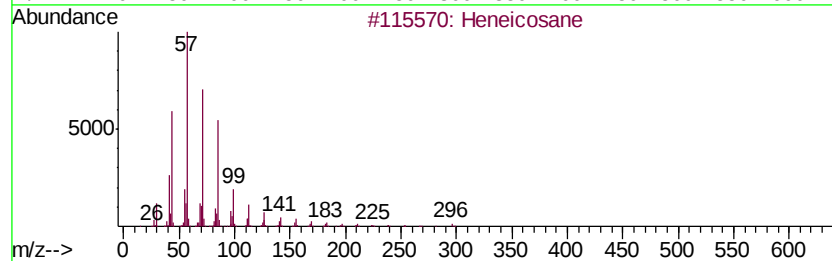
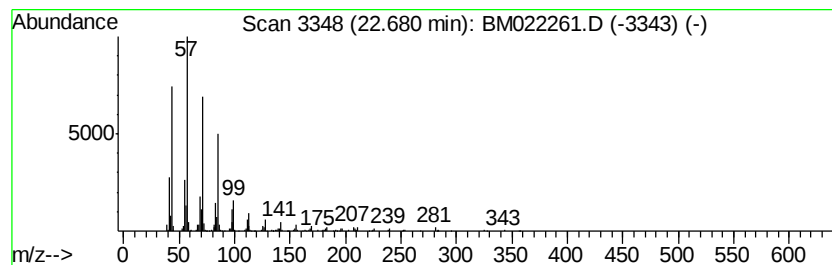
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	14.17 ng/ul	486627	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022261.D
Acq On : 23 Aug 2019 18:12
Operator : HP/JU
Sample : K4337-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE6

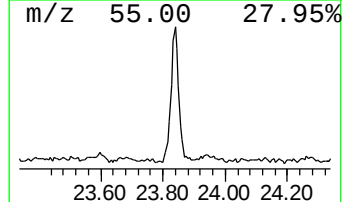
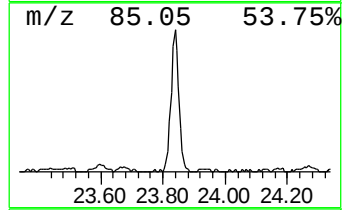
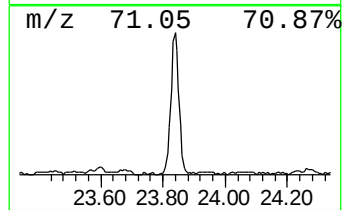
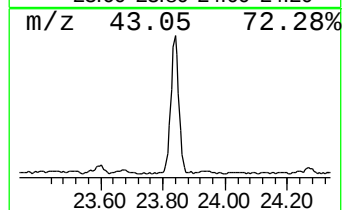
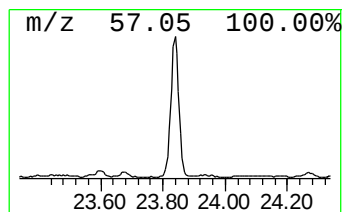
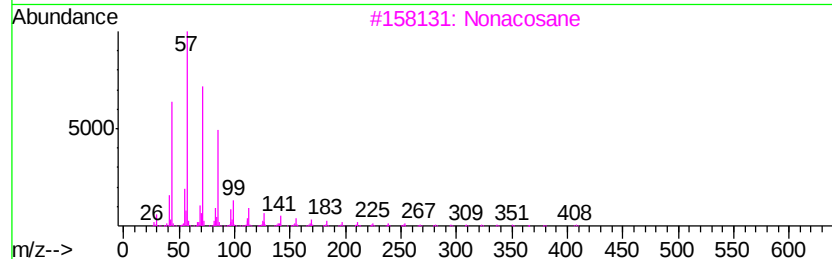
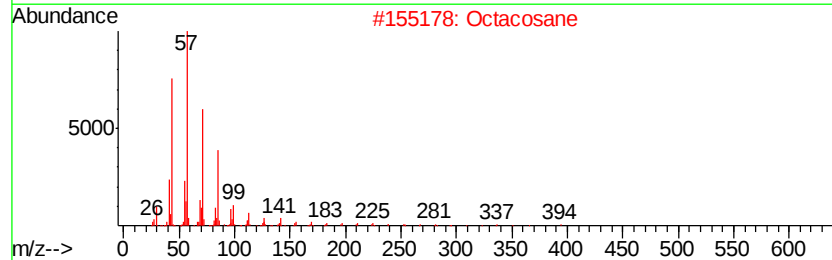
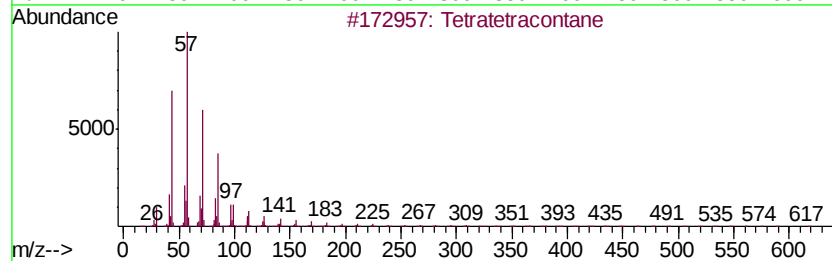
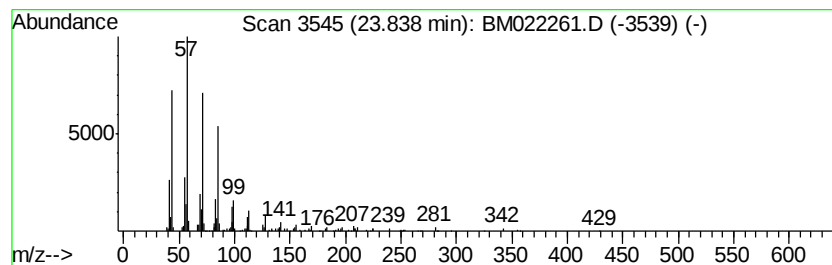
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	11.13 ng/ul	382166	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022261.D
Acq On : 23 Aug 2019 18:12
Operator : HP/JU
Sample : K4337-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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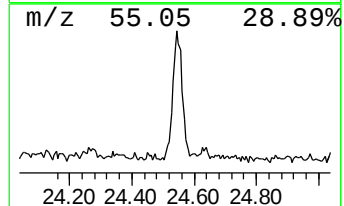
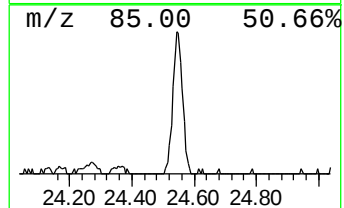
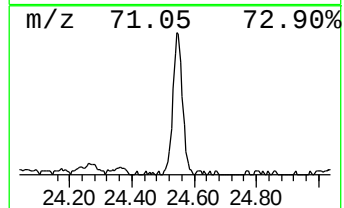
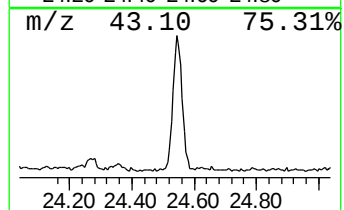
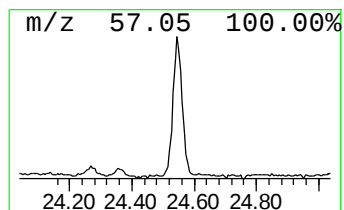
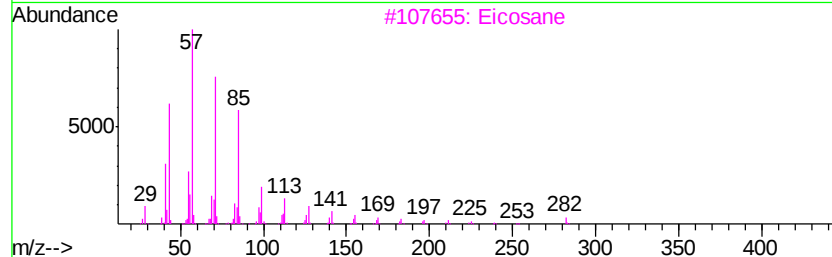
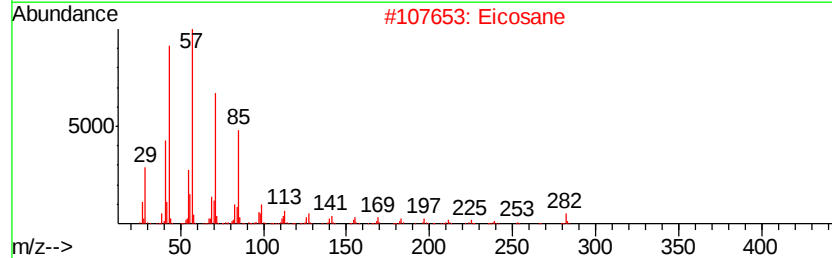
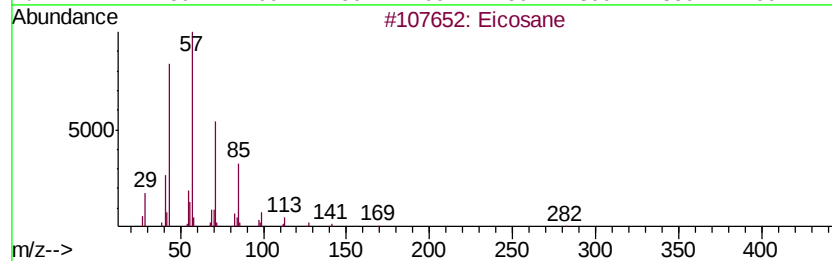
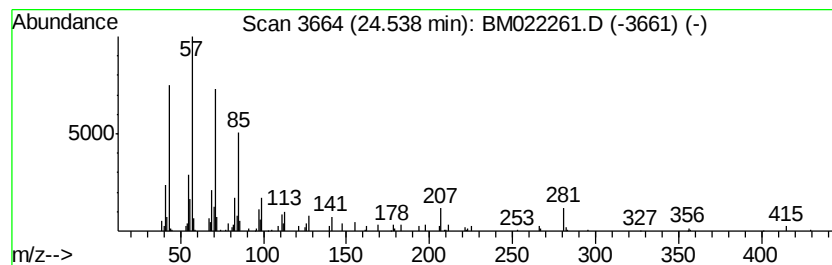
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	6.13 ng/ul	210701	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	95
3		Eicosane	282	C20H42	000112-95-8	93
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022261.D
Acq On : 23 Aug 2019 18:12
Operator : HP/JU
Sample : K4337-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE6

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
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(DEL) Alkane: Str...	20.42	2.5	ng/ul	97392	5	21.19	772833	20.0
(DEL) Alkane: Str...	20.89	4.6	ng/ul	177443	5	21.19	772833	20.0
(DEL) Alkane: Str...	21.32	6.0	ng/ul	233307	5	21.19	772833	20.0
(DEL) Alkane: Str...	21.74	8.3	ng/ul	321153	5	21.19	772833	20.0
(DEL) Alkane: Str...	22.19	12.2	ng/ul	471733	5	21.19	772833	20.0
(DEL) Alkane: Str...	22.68	14.2	ng/ul	486627	6	23.38	686980	20.0
(DEL) Alkane: Str...	23.84	11.1	ng/ul	382166	6	23.38	686980	20.0
(DEL) Alkane: Str...	24.54	6.1	ng/ul	210701	6	23.38	686980	20.0