

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
 Data File : BM024430.D
 Acq On : 09 Jan 2020 18:31
 Operator : JU
 Sample : K6466-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BQ8

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-BM010820MA.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	6.681	641	645	658	rVB	277172	486676	6.54%	0.646%
2	6.845	667	673	681	rVB	869754	1346475	18.08%	1.786%
3	7.034	700	705	712	rVB	1011427	1497168	20.11%	1.986%
4	7.492	778	783	792	rVB	1114621	1731849	23.26%	2.297%
5	8.198	898	903	912	rVB	735203	1119383	15.03%	1.485%
6	8.628	970	976	984	rVB	1203259	1915306	25.72%	2.540%
7	9.345	1092	1098	1105	rBV2	827638	1309425	17.58%	1.737%
8	9.881	1183	1189	1199	rBV	1308845	2128561	28.59%	2.823%
9	10.257	1246	1253	1260	rVB	1437684	2343772	31.48%	3.109%
10	10.392	1271	1276	1283	rVB3	121228	216760	2.91%	0.288%
11	11.222	1415	1417	1419	rVB2	10128	7783	0.10%	0.010%
12	11.633	1483	1487	1494	rVB2	66521	106187	1.43%	0.141%
13	11.851	1521	1524	1533	rVB3	25026	39458	0.53%	0.052%
14	12.757	1677	1678	1683	rBV4	7280	10181	0.14%	0.014%
15	13.374	1782	1783	1789	rVB3	6760	7648	0.10%	0.010%
16	13.563	1809	1815	1820	rBV	2674336	3676832	49.38%	4.877%
17	13.610	1820	1823	1827	rVV	196268	246621	3.31%	0.327%
18	13.669	1829	1833	1837	rVB4	17201	27204	0.37%	0.036%
19	13.821	1853	1859	1868	rBV	2891777	4268886	57.33%	5.662%
20	14.139	1902	1913	1920	rBV	2124740	3051949	40.99%	4.048%
21	14.192	1920	1922	1928	rVB5	16412	22338	0.30%	0.030%
22	14.339	1941	1947	1960	rBV	199007	357902	4.81%	0.475%
23	14.598	1990	1991	1996	rVB3	12734	12479	0.17%	0.017%
24	14.780	2019	2022	2024	rBV2	7213	8643	0.12%	0.011%
25	14.992	2054	2058	2063	rVB7	9362	13671	0.18%	0.018%
26	15.057	2065	2069	2072	rBV3	8030	9768	0.13%	0.013%
27	15.139	2076	2083	2090	rBV	3837185	5169596	69.42%	6.857%
28	15.257	2095	2103	2112	rBV	808073	1129609	15.17%	1.498%
29	15.380	2120	2124	2129	rVB2	41615	57202	0.77%	0.076%
30	15.927	2212	2217	2221	rBV5	18041	29422	0.40%	0.039%
31	16.168	2254	2258	2262	rVB7	5272	8205	0.11%	0.011%
32	16.504	2314	2315	2319	rVB4	7237	7798	0.10%	0.010%
33	16.568	2323	2326	2327	rVV3	7321	8565	0.12%	0.011%
34	16.674	2336	2344	2347	rBV4	15251	29094	0.39%	0.039%

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35	16.768	2358	2360	2365	rVB5	10480	12862	0.17%	0.017%
36	16.839	2369	2372	2374	rBV3	6056	8094	0.11%	0.011%
37	16.886	2374	2380	2387	rVV	2563731	3562142	47.84%	4.725%
38	16.986	2390	2397	2408	rVV	4149353	5686921	76.37%	7.543%
39	17.209	2432	2435	2438	rBV4	9975	12445	0.17%	0.017%
40	17.451	2473	2476	2477	rBV3	9214	8795	0.12%	0.012%
41	17.833	2534	2541	2548	rBV	288125	438648	5.89%	0.582%
42	18.109	2582	2588	2594	rBV9	17708	44154	0.59%	0.059%
43	18.274	2611	2616	2620	rBV4	16814	31185	0.42%	0.041%
44	18.574	2663	2667	2668	rBV4	6912	9330	0.13%	0.012%
45	18.686	2683	2686	2692	rVV5	27766	41404	0.56%	0.055%
46	18.786	2701	2703	2705	rVB3	12150	8183	0.11%	0.011%
47	18.921	2721	2726	2730	rBV2	56786	72640	0.98%	0.096%
48	18.974	2732	2735	2737	rVV3	14065	16107	0.22%	0.021%
49	18.998	2737	2739	2744	rVB5	12503	15223	0.20%	0.020%
50	19.127	2756	2761	2765	rBV2	155521	214247	2.88%	0.284%
51	19.174	2766	2769	2774	rVB	44660	60335	0.81%	0.080%
52	19.292	2782	2789	2795	rBV	5035008	6820010	91.59%	9.046%
53	19.492	2821	2823	2825	rBV2	9269	8829	0.12%	0.012%
54	19.592	2838	2840	2843	rBV4	8618	8256	0.11%	0.011%
55	19.692	2855	2857	2859	rBV3	10503	9071	0.12%	0.012%
56	19.862	2884	2886	2888	rBV3	18187	16766	0.23%	0.022%
57	19.903	2891	2893	2896	rVV3	15546	17804	0.24%	0.024%
58	20.409	2976	2979	2983	rVB3	43638	46590	0.63%	0.062%
59	20.856	3051	3055	3065	rBV3	388022	761674	10.23%	1.010%
60	21.092	3090	3095	3102	rVB	3314770	4045749	54.33%	5.366%
61	21.309	3129	3132	3136	rBV	434740	454058	6.10%	0.602%
62	21.733	3200	3204	3209	rBV	823728	940308	12.63%	1.247%
63	22.180	3276	3280	3286	rVB	1171569	1419959	19.07%	1.883%
64	22.668	3358	3363	3369	rBV	1290541	1748379	23.48%	2.319%
65	23.091	3429	3435	3449	rVB	4353451	7446317	100.00%	9.877%
66	23.221	3450	3457	3466	rVB2	3095947	6371408	85.56%	8.451%
67	23.827	3554	3560	3566	rBV	885854	1603248	21.53%	2.127%
68	24.533	3674	3680	3687	rVB	505819	1028507	13.81%	1.364%

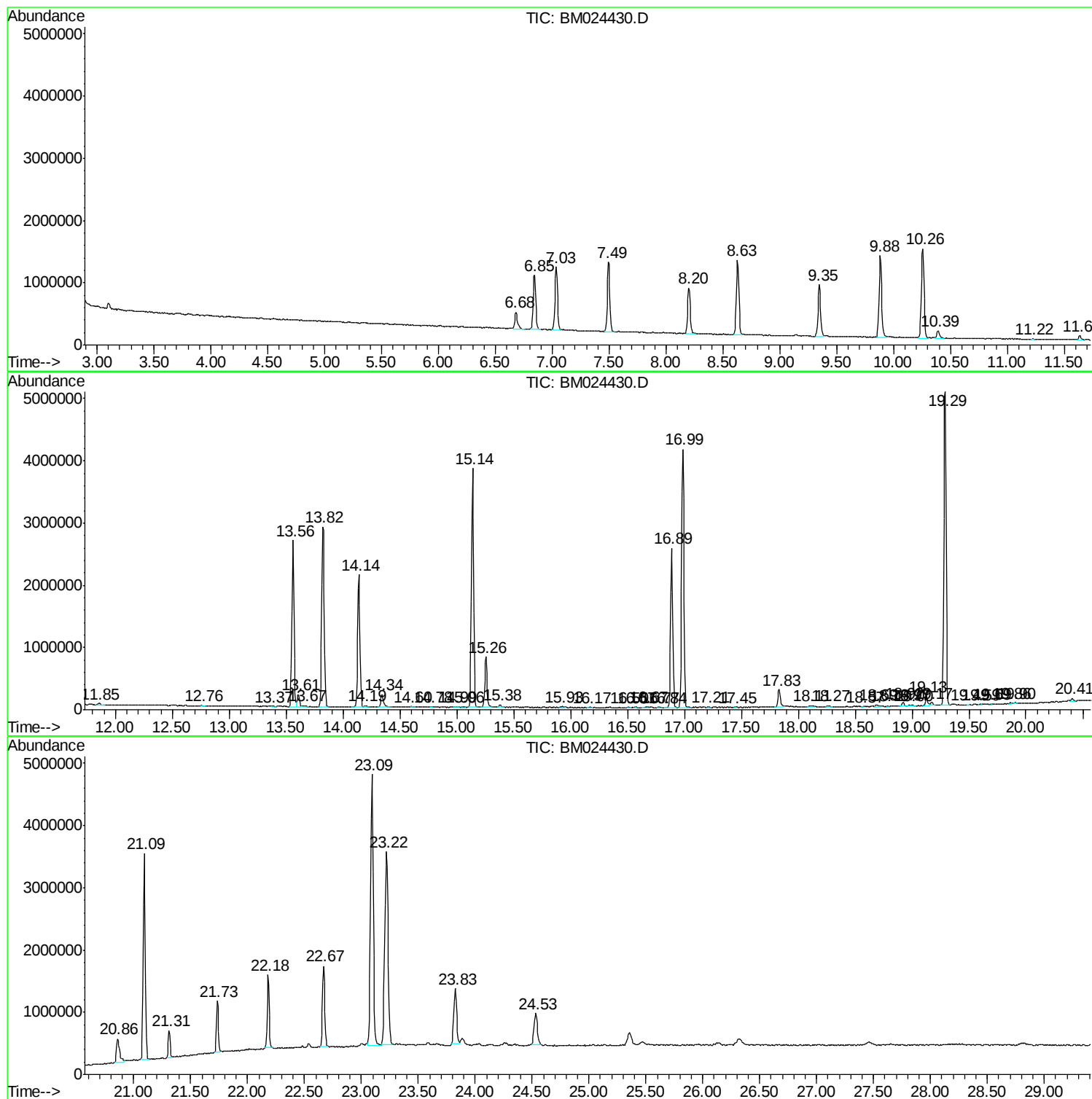
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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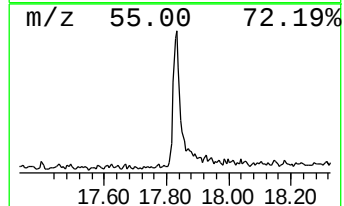
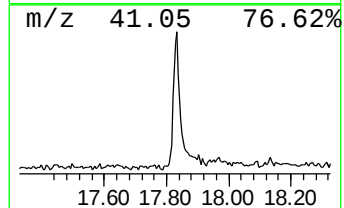
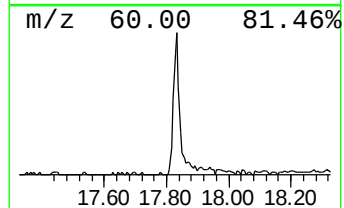
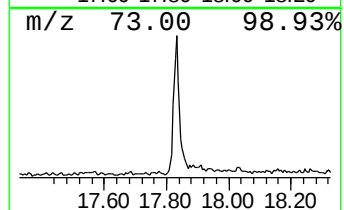
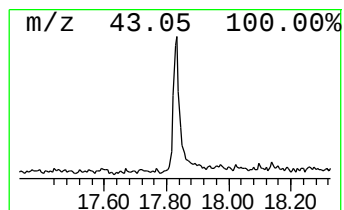
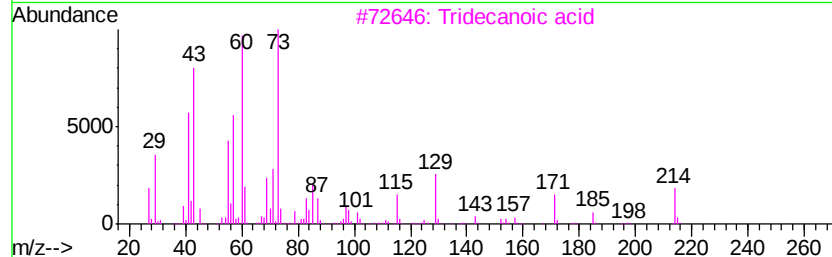
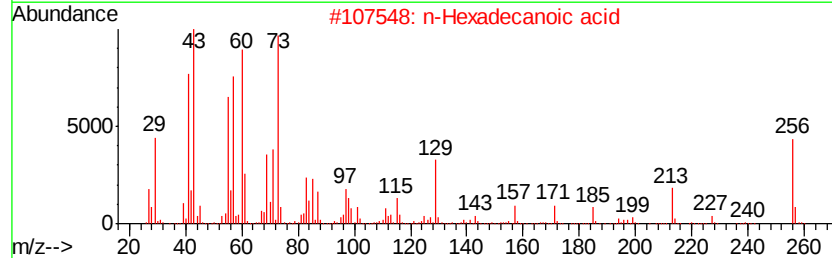
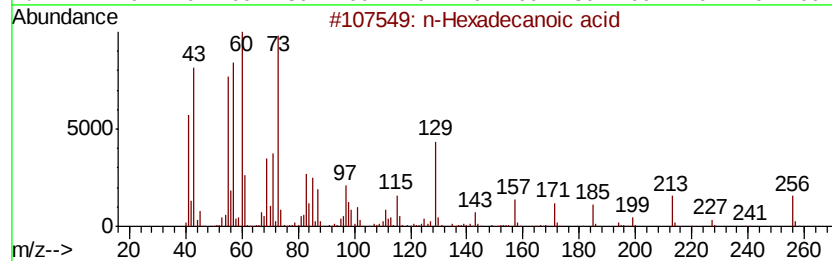
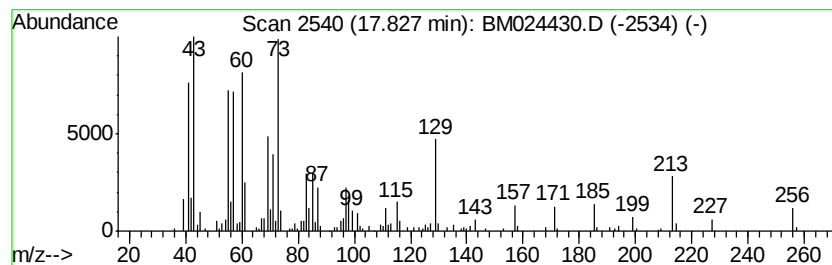
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.83	2.46 ng/ul	438648	Phenanthrene-d10	16.89		
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	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80	



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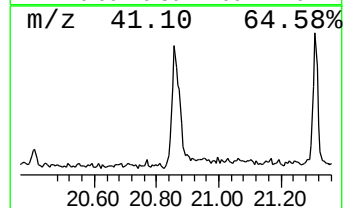
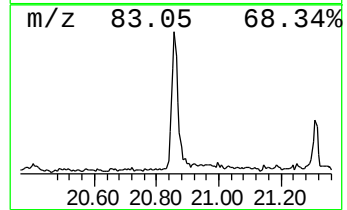
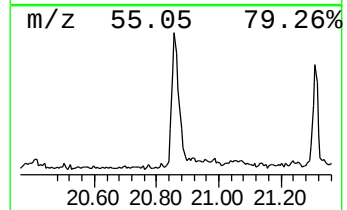
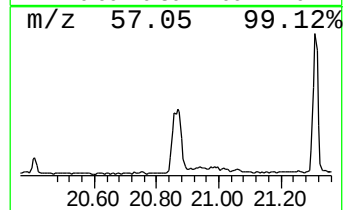
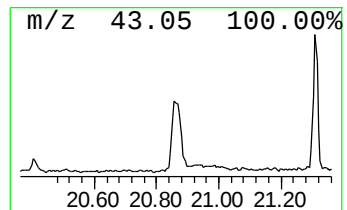
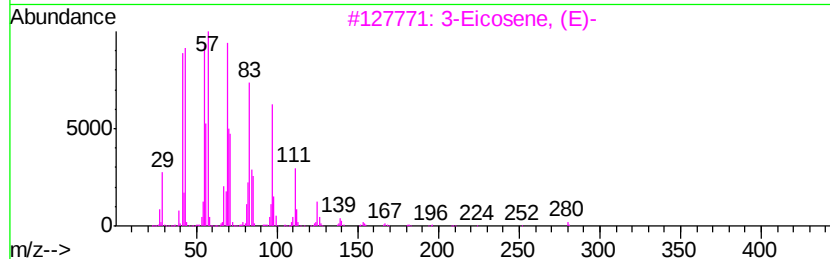
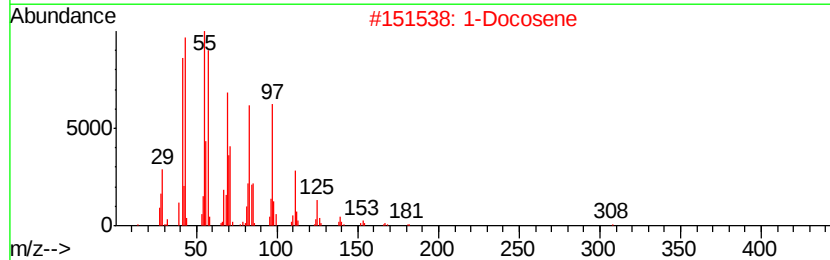
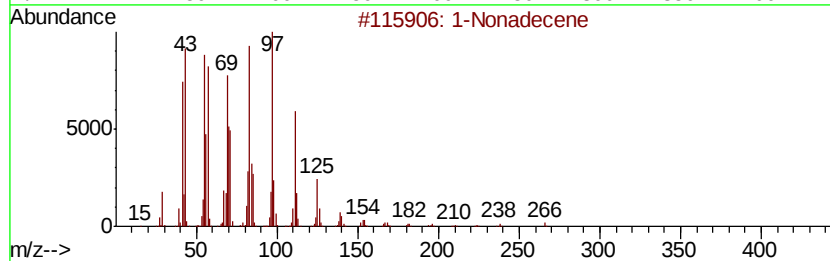
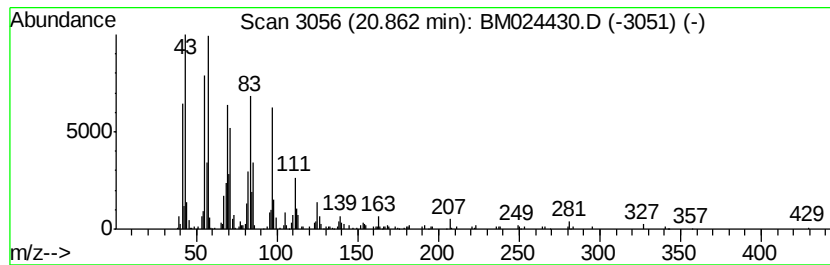
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic20.86 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.77 ng/ul	761674	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	98
2		1-Docosene	308	C22H44	001599-67-3	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		1-Eicosene	280	C20H40	003452-07-1	91
5		1-Octadecanol	270	C18H38O	000112-92-5	91



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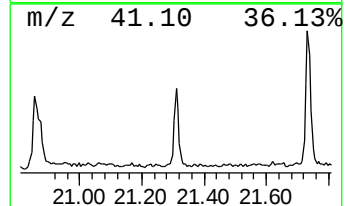
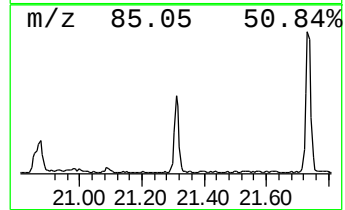
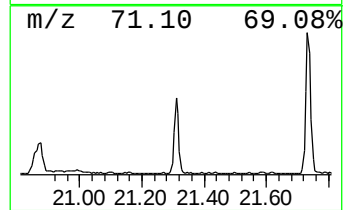
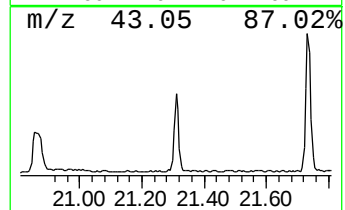
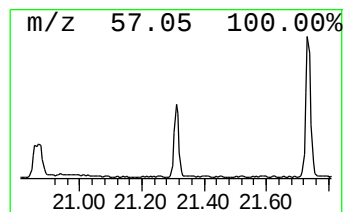
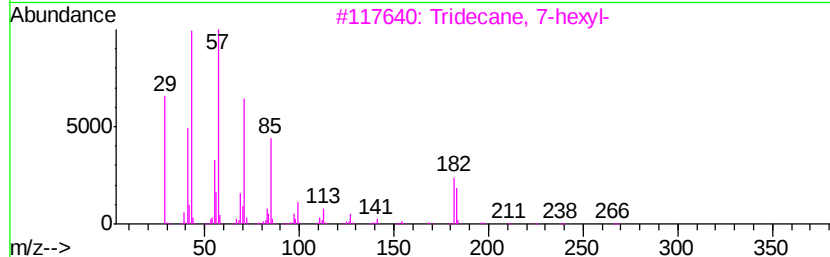
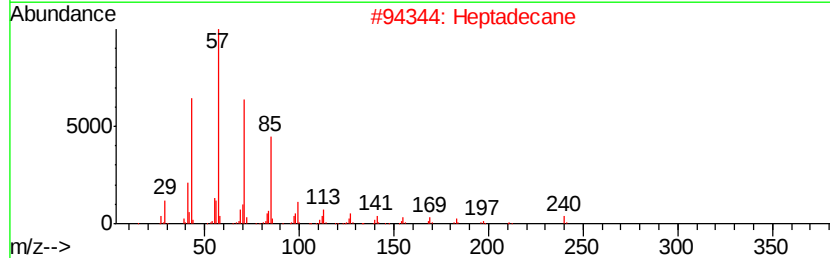
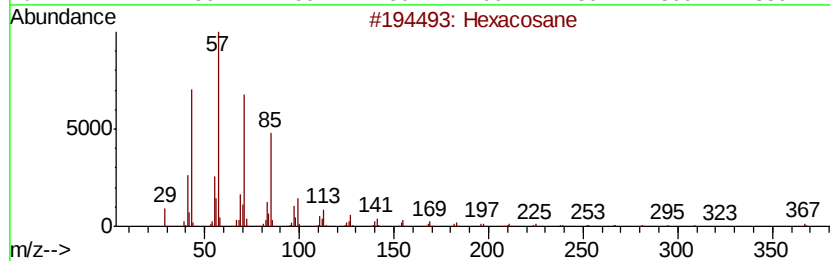
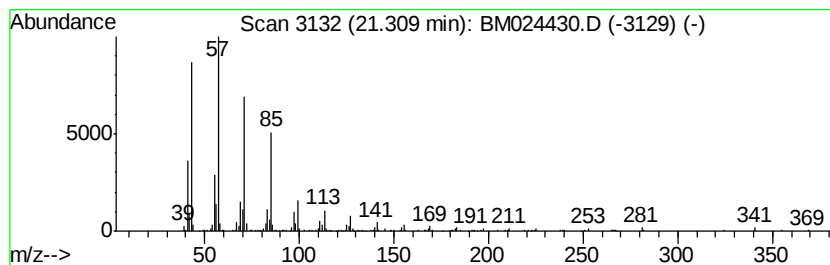
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.31	2.24 ng/ul	454058	Chrysene-d12	21.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91



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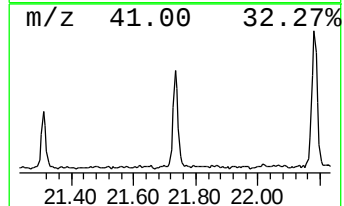
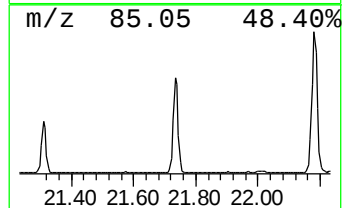
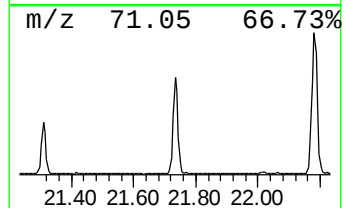
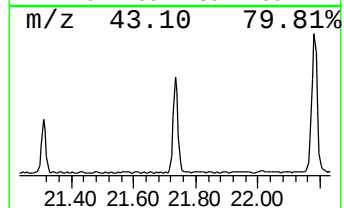
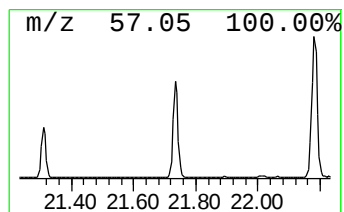
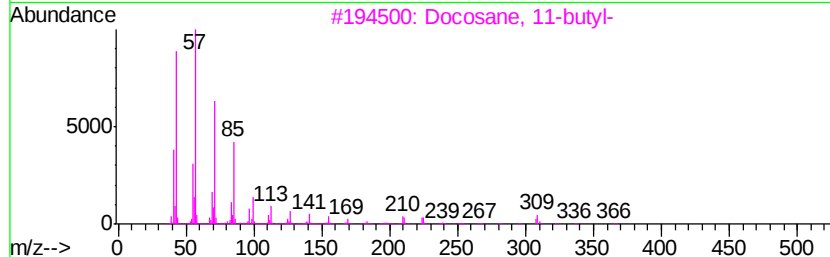
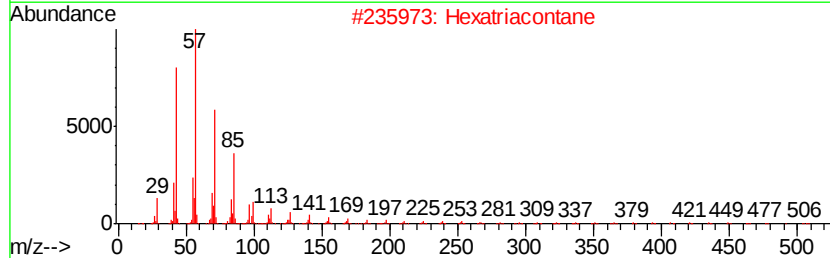
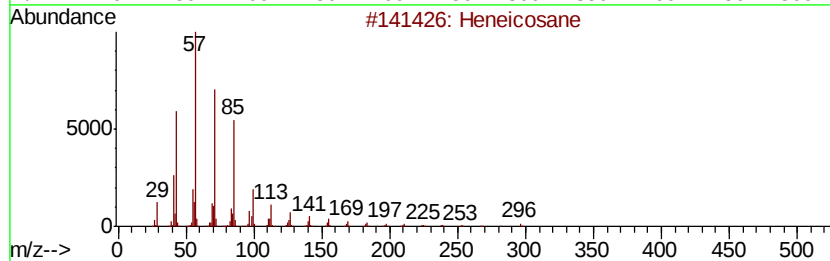
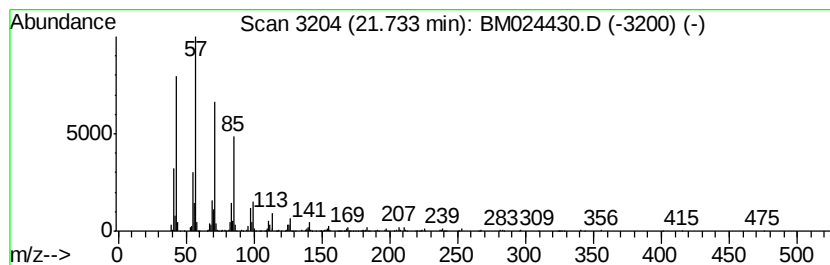
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	4.65 ng/ul	940308	Chrysene-d12	21.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Hexatriacontane	507	C36H74	000630-06-8	91
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Tetracosane	338	C24H50	000646-31-1	91



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ClientSampleId :
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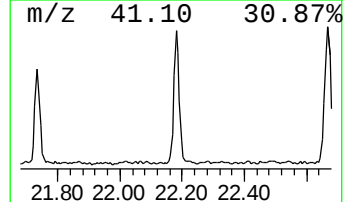
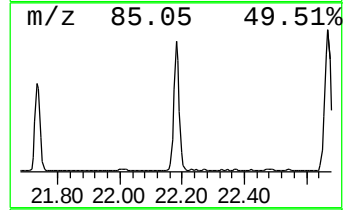
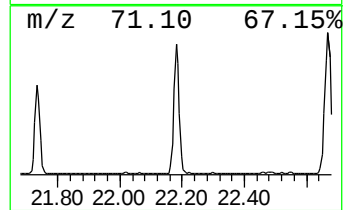
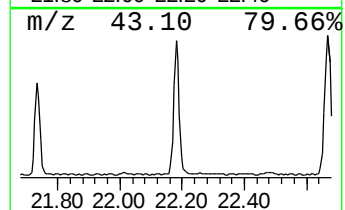
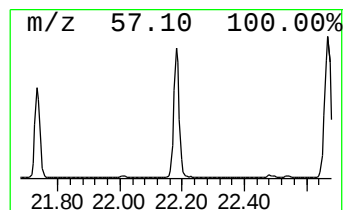
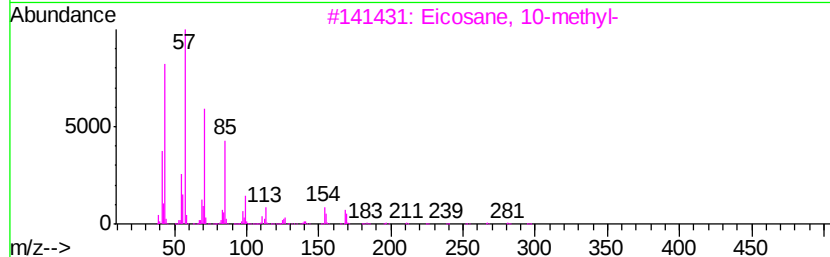
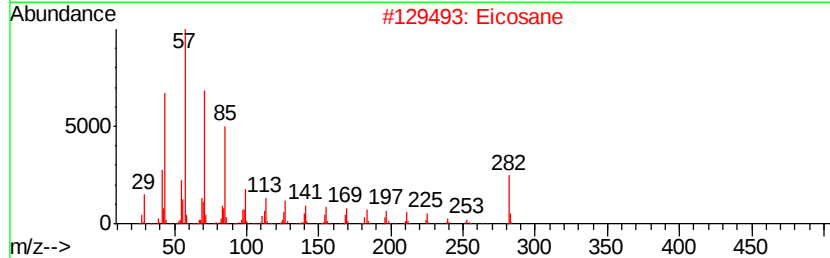
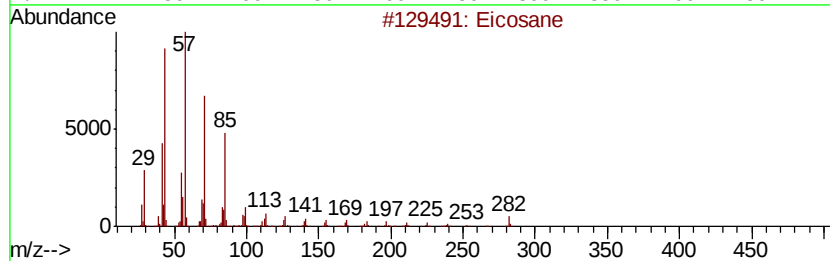
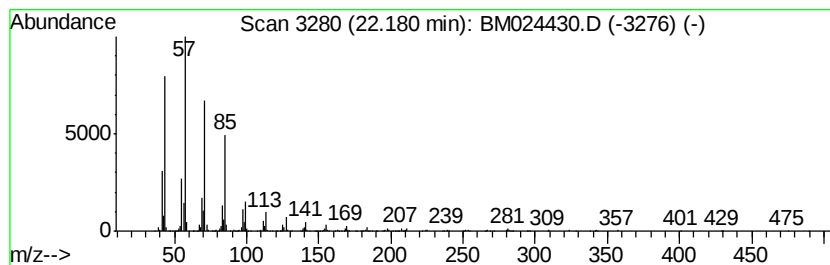
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
22.18	4.46 ng/ul	1419960	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024430.D
Acq On : 09 Jan 2020 18:31
Operator : JU
Sample : K6466-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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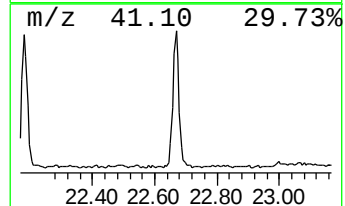
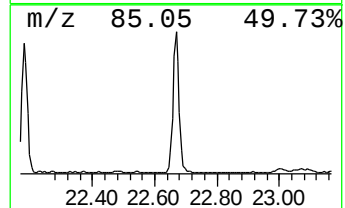
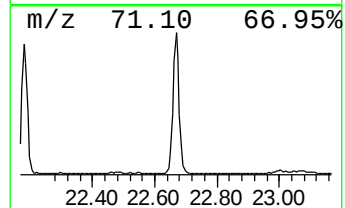
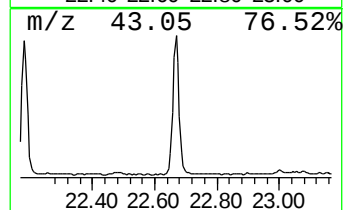
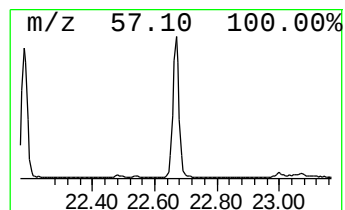
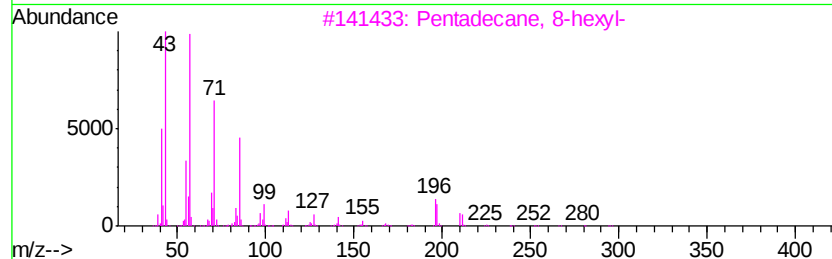
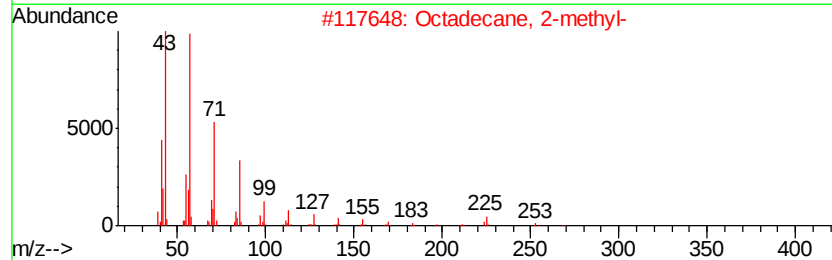
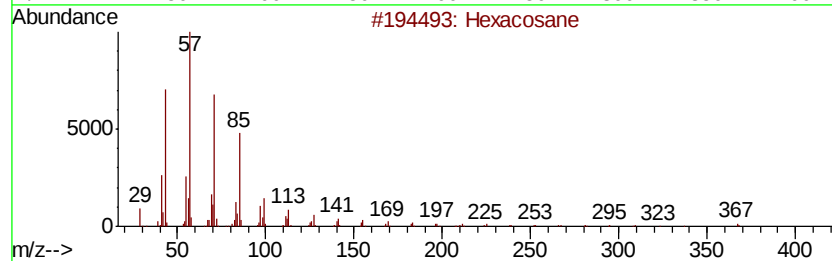
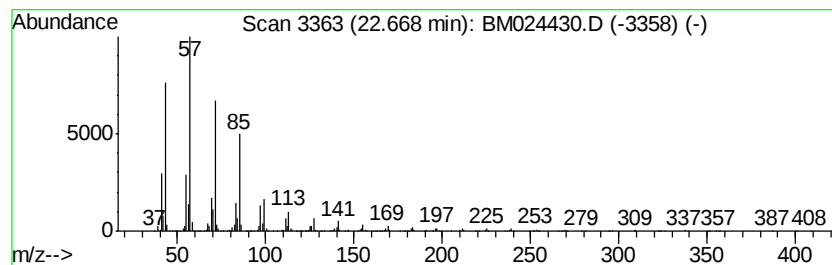
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	5.49 ng/ul	1748380	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024430.D
Acq On : 09 Jan 2020 18:31
Operator : JU
Sample : K6466-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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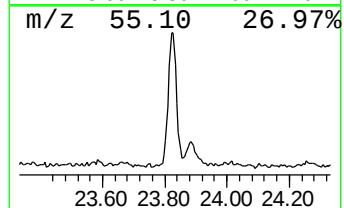
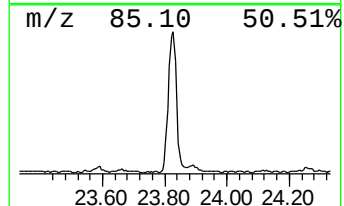
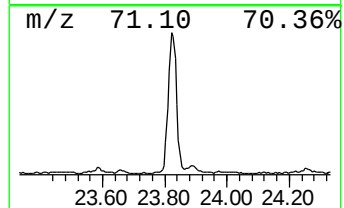
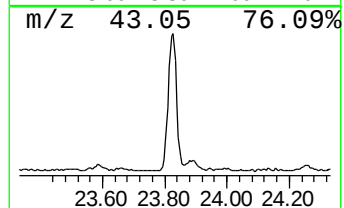
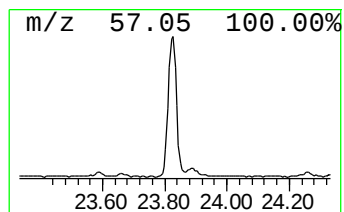
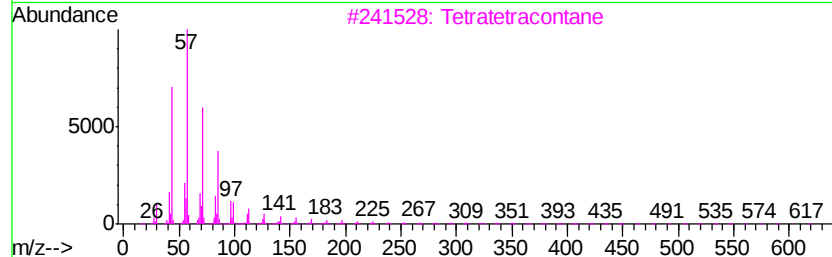
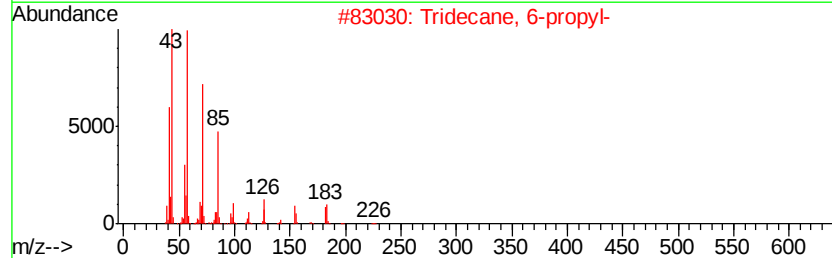
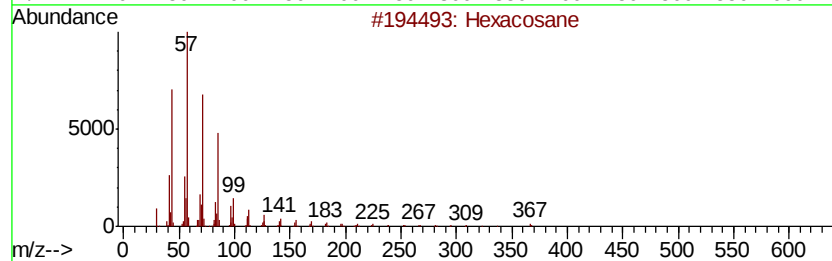
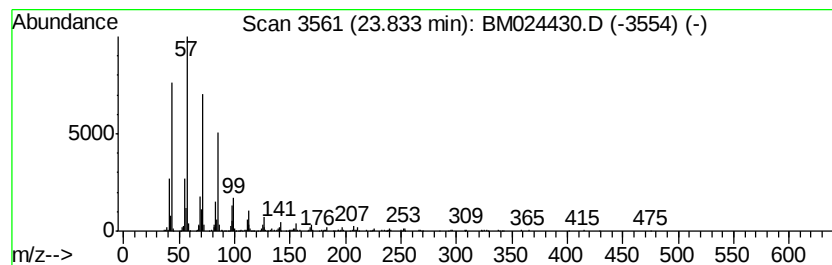
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.83	5.03 ng/ul	1603250	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		triacontane	422	C30H62	000638-68-6	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024430.D
Acq On : 09 Jan 2020 18:31
Operator : JU
Sample : K6466-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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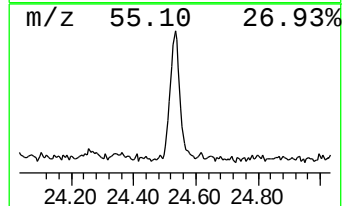
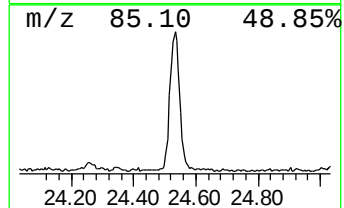
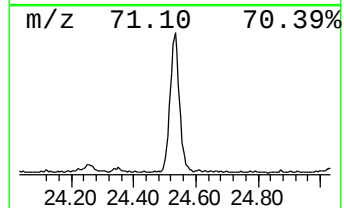
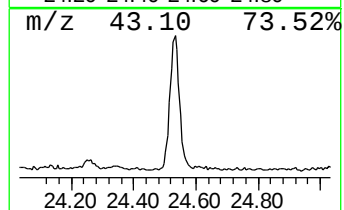
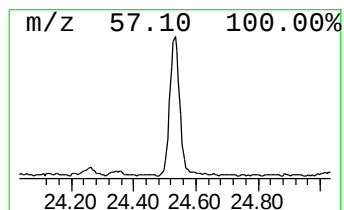
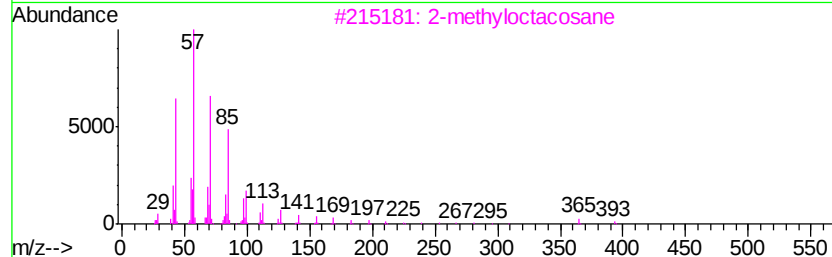
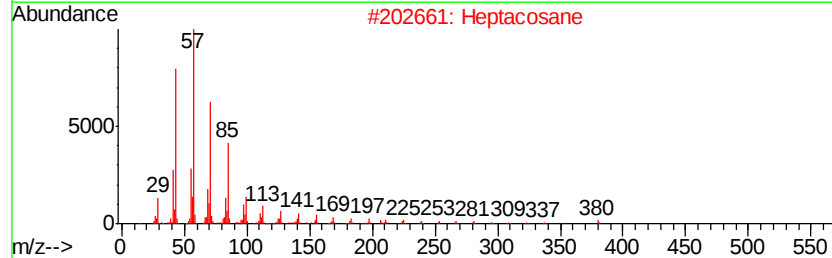
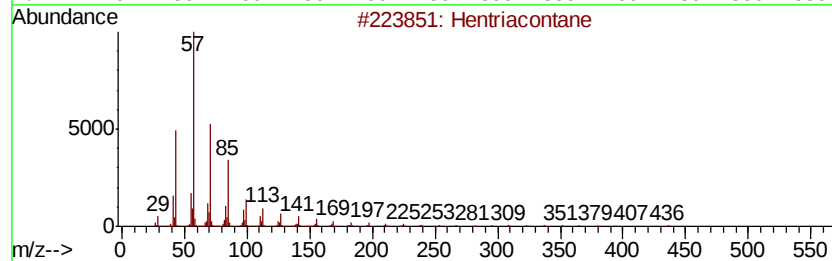
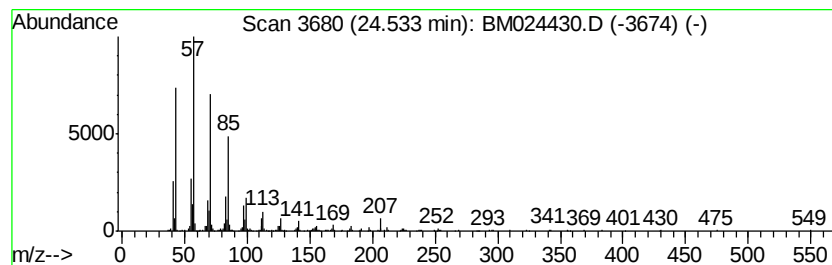
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.53	3.23 ng/ul	1028510	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM010920\
Data File : BM024430.D
Acq On : 09 Jan 2020 18:31
Operator : JU
Sample : K6466-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.83	2.5	ng/ul	438648	4	16.89	3562140	20.0
(DEL) Alkane: Cyc...	20.86	3.8	ng/ul	761674	5	21.09	4045750	20.0
(DEL) Alkane: Str...	21.31	2.2	ng/ul	454058	5	21.09	4045750	20.0
(DEL) Alkane: Str...	21.73	4.7	ng/ul	940308	5	21.09	4045750	20.0
(DEL) Alkane: Str...	22.18	4.5	ng/ul	1419960	6	23.23	6371410	20.0
(DEL) Alkane: Str...	22.67	5.5	ng/ul	1748380	6	23.23	6371410	20.0
(DEL) Alkane: Str...	23.83	5.0	ng/ul	1603250	6	23.23	6371410	20.0
(DEL) Alkane: Str...	24.53	3.2	ng/ul	1028510	6	23.23	6371410	20.0