

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030620\
 Data File : BN010139.D
 Acq On : 07 Mar 2020 03:09
 Operator : CG/JU
 Sample : L1834-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0DF3

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_N\METHODS\SOM-EPA-BN021220MA.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	4.081	218	220	222	rBV	8678	8128	0.47%	0.033%
2	4.205	239	241	243	rBV	9757	9645	0.56%	0.040%
3	4.317	258	260	261	rBV	8014	6614	0.38%	0.027%
4	4.428	276	279	280	rBV	9687	8684	0.50%	0.036%
5	4.517	291	294	295	rBV	7359	6719	0.39%	0.028%
6	4.652	316	317	320	rBV	7831	6048	0.35%	0.025%
7	4.987	372	374	376	rBV	8626	8662	0.50%	0.036%
8	5.158	400	403	405	rBV	9273	11136	0.64%	0.046%
9	5.223	413	414	416	rBV	10040	7868	0.45%	0.032%
10	5.246	416	418	419	rBV	7527	5309	0.31%	0.022%
11	5.334	431	433	436	rVB	6561	5945	0.34%	0.024%
12	5.364	436	438	440	rBV	6228	6174	0.36%	0.025%
13	5.540	466	468	471	rVB	8197	8385	0.48%	0.035%
14	5.570	471	473	476	rBV	8038	6972	0.40%	0.029%
15	5.681	491	492	495	rVB	8907	6026	0.35%	0.025%
16	5.717	495	498	500	rBV	6938	9139	0.53%	0.038%
17	5.764	504	506	509	rVV	8141	6318	0.36%	0.026%
18	5.834	516	518	521	rBV	5994	5512	0.32%	0.023%
19	5.858	521	522	525	rVB	7119	5257	0.30%	0.022%
20	6.122	563	567	569	rBV	9823	17619	1.01%	0.073%
21	6.234	584	586	588	rVB	7404	5363	0.31%	0.022%
22	6.264	588	591	592	rBV	6301	5223	0.30%	0.022%
23	6.311	598	599	603	rVB	8605	7797	0.45%	0.032%
24	6.411	614	616	619	rBV	7732	7551	0.43%	0.031%
25	6.464	623	625	627	rBV	11574	9569	0.55%	0.039%
26	6.569	639	643	647	rBV2	56912	101875	5.87%	0.420%
27	6.717	663	668	675	rBV	231770	391763	22.57%	1.614%
28	6.899	693	699	710	rBV2	258954	465378	26.81%	1.918%
29	7.017	718	719	722	rBV	6599	5542	0.32%	0.023%
30	7.052	722	725	726	rBV	6804	7102	0.41%	0.029%
31	7.264	759	761	763	rVB	8527	6391	0.37%	0.026%
32	7.352	771	776	789	rVB	308626	511847	29.48%	2.109%
33	7.628	822	823	825	rBV	9627	7263	0.42%	0.030%
34	7.652	825	827	828	rVB	9030	6366	0.37%	0.026%

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35	7.787	847	850	853	rBV	6552	9731	0.56%	0.040%
36	7.864	861	863	865	rBV	5841	5400	0.31%	0.022%
37	7.905	868	870	873	rVV	8439	8561	0.49%	0.035%
38	7.940	874	876	879	rVB	7386	8750	0.50%	0.036%
39	7.975	879	882	884	rBV	8428	7226	0.42%	0.030%
40	8.075	894	899	910	rBV2	174310	313345	18.05%	1.291%
41	8.222	923	924	926	rBV	10314	9482	0.55%	0.039%
42	8.305	936	938	941	rBV	5641	7774	0.45%	0.032%
43	8.434	957	960	962	rBV	8474	8018	0.46%	0.033%
44	8.499	966	971	980	rBV	331089	593499	34.18%	2.445%
45	8.805	1020	1023	1025	rBV	7158	8375	0.48%	0.035%
46	8.922	1040	1043	1048	rBV3	17976	32318	1.86%	0.133%
47	9.128	1074	1078	1079	rBV	7341	9163	0.53%	0.038%
48	9.211	1086	1092	1100	rBV	277317	486505	28.02%	2.005%
49	9.516	1142	1144	1147	rBV	11239	8094	0.47%	0.033%
50	9.563	1151	1152	1155	rVB	7120	5990	0.35%	0.025%
51	9.752	1178	1184	1203	rBV2	249179	647618	37.30%	2.668%
52	9.993	1224	1225	1227	rBV	6879	6179	0.36%	0.025%
53	10.052	1234	1235	1237	rBV	5906	5205	0.30%	0.021%
54	10.099	1237	1243	1253	rVV	409813	702321	40.45%	2.894%
55	10.205	1259	1261	1263	rBV	10072	7576	0.44%	0.031%
56	10.299	1274	1277	1278	rBV	12519	11296	0.65%	0.047%
57	10.775	1356	1358	1359	rBV	9006	6622	0.38%	0.027%
58	10.816	1363	1365	1366	rBV	6141	5287	0.30%	0.022%
59	10.857	1370	1372	1373	rBV	7058	6290	0.36%	0.026%
60	11.016	1397	1399	1401	rBV	5928	5907	0.34%	0.024%
61	11.063	1405	1407	1410	rVB	10839	9786	0.56%	0.040%
62	11.093	1410	1412	1416	rBV	8829	8737	0.50%	0.036%
63	11.199	1429	1430	1432	rBV	6546	6292	0.36%	0.026%
64	11.287	1444	1445	1447	rBV	8766	6037	0.35%	0.025%
65	11.493	1478	1480	1482	rBV	9098	7778	0.45%	0.032%
66	11.810	1532	1534	1535	rVB	10081	6319	0.36%	0.026%
67	11.828	1535	1537	1539	rBV	9716	8587	0.49%	0.035%
68	11.946	1555	1557	1560	rVB	8067	9415	0.54%	0.039%
69	12.357	1624	1627	1630	rBV	12981	18822	1.08%	0.078%
70	12.728	1687	1690	1691	rBV	9586	12367	0.71%	0.051%
71	12.963	1728	1730	1733	rBV	8765	5494	0.32%	0.023%

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72	13.428	1803	1809	1814	rBV	671947	1029539	59.30%	4.242%
73	13.475	1814	1817	1824	rVV	134438	212784	12.26%	0.877%
74	13.546	1827	1829	1832	rBV	8703	8721	0.50%	0.036%
75	13.681	1847	1852	1860	rBV	777475	1163098	66.99%	4.792%
76	13.993	1900	1905	1911	rBV2	592527	895700	51.59%	3.691%
77	14.293	1955	1956	1957	rBV	10812	7604	0.44%	0.031%
78	15.004	2072	2077	2084	rBV	978798	1463066	84.27%	6.028%
79	15.175	2101	2106	2116	rBV2	253109	466088	26.85%	1.920%
80	16.757	2370	2375	2383	rBV	774581	1055359	60.79%	4.348%
81	16.857	2387	2392	2402	rBV	1062161	1548974	89.22%	6.382%
82	17.698	2530	2535	2545	rBV2	542410	857796	49.41%	3.534%
83	19.169	2780	2785	2791	rBV	1308273	1736149	100.00%	7.154%
84	20.263	2968	2971	2975	rVB	148978	166149	9.57%	0.685%
85	20.722	3045	3049	3057	rBV2	640268	873214	50.30%	3.598%
86	20.986	3090	3094	3101	rBV	851360	1123832	64.73%	4.631%
87	21.169	3121	3125	3132	rVB	527061	572566	32.98%	2.359%
88	21.586	3192	3196	3204	rVB	770866	871643	50.21%	3.592%
89	22.016	3265	3269	3274	rVB	953761	1159263	66.77%	4.777%
90	22.475	3343	3347	3356	rVB	1036966	1395568	80.38%	5.750%
91	22.945	3423	3427	3431	rBV	957882	1504443	86.65%	6.199%
92	22.986	3431	3434	3441	rVB	1007410	1436651	82.75%	5.920%

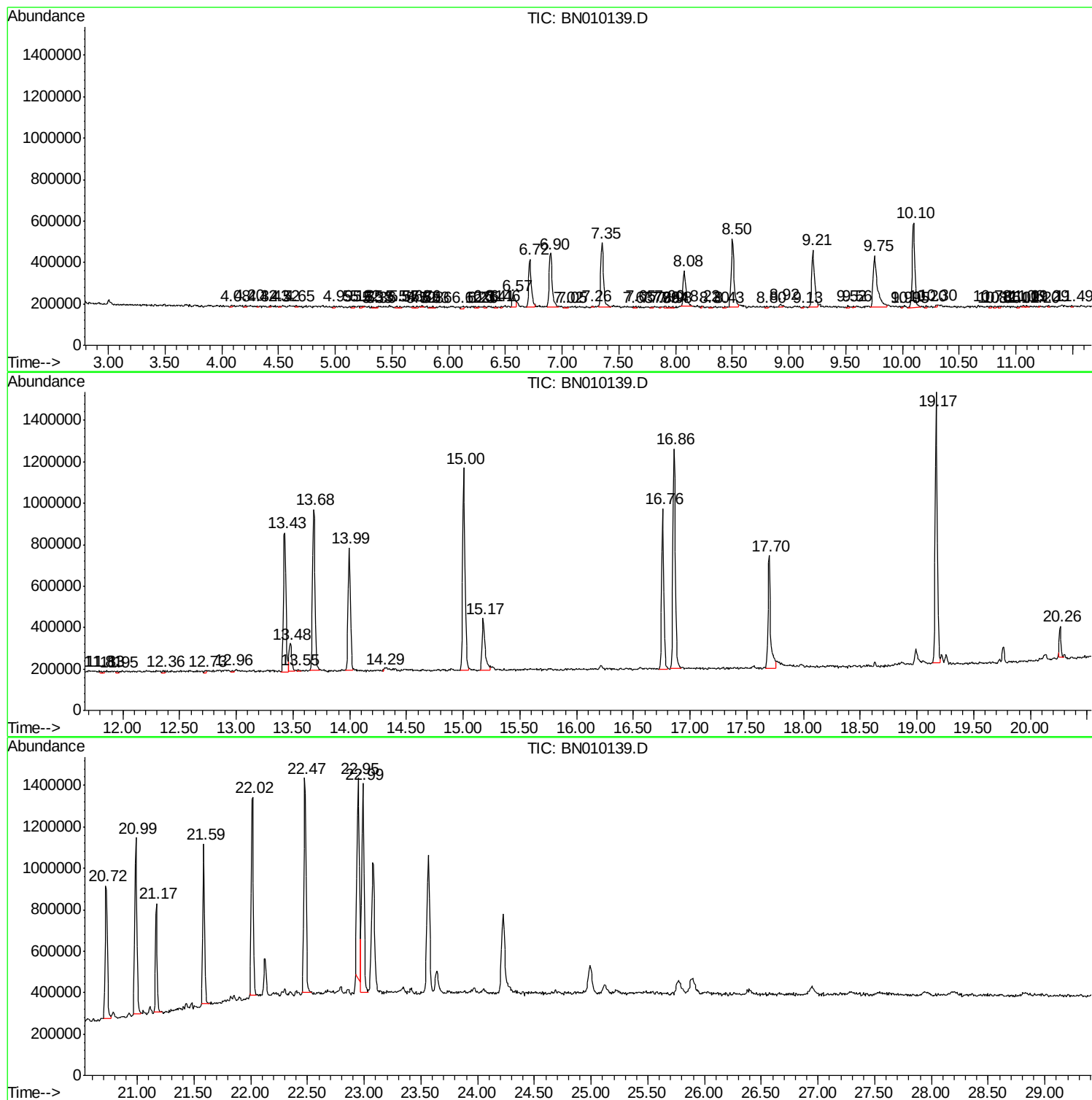
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Quant Title : SVOA CALIBRATION

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



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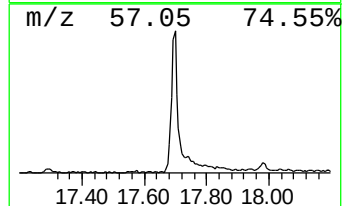
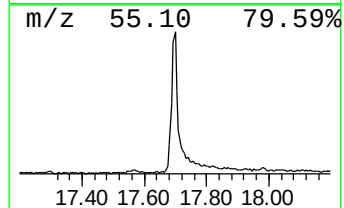
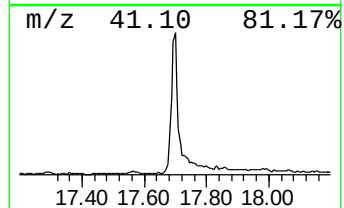
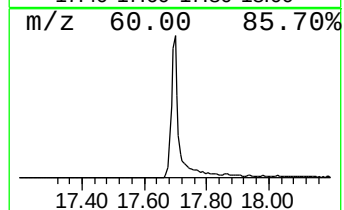
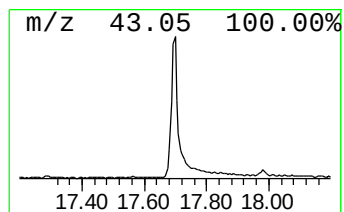
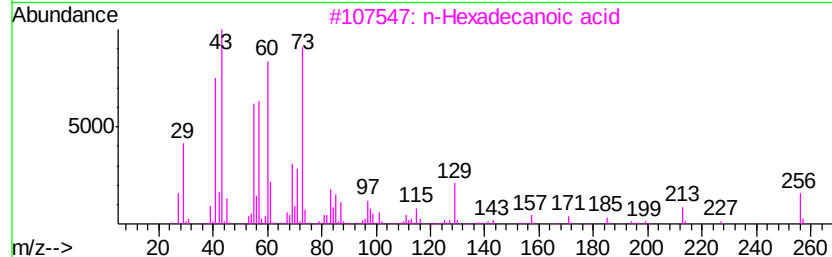
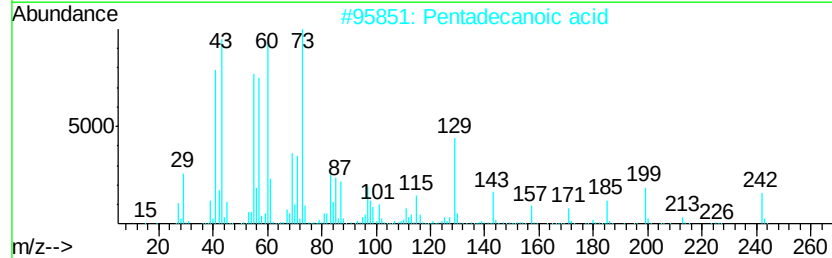
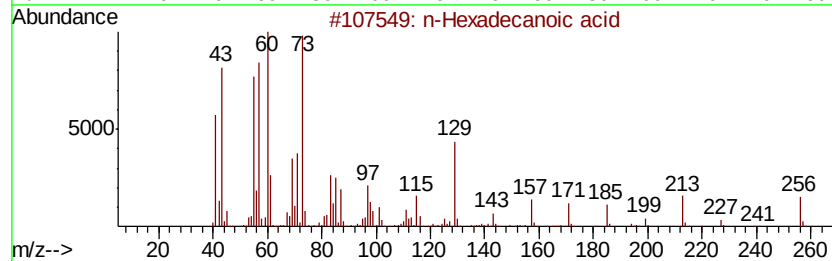
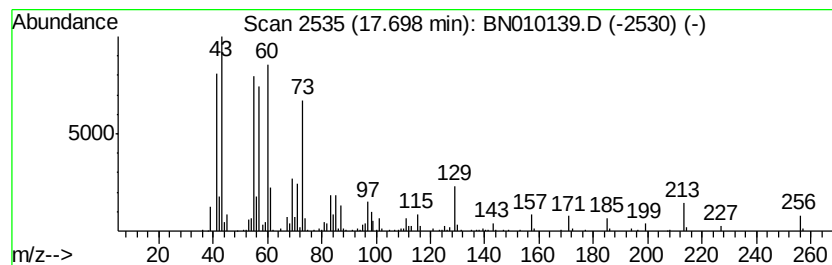
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	16.26 ng/ul	857796	Phenanthrene-d10	16.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5		Tridecanoic acid	214	C13H26O2	000638-53-9	78



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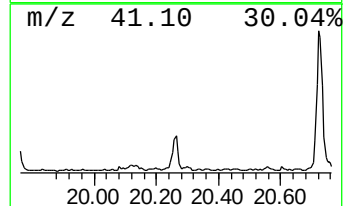
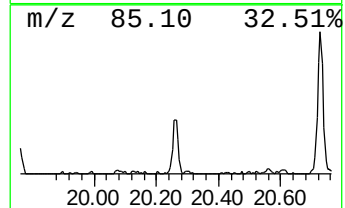
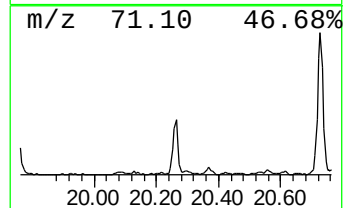
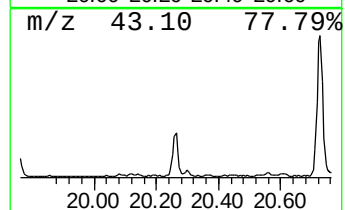
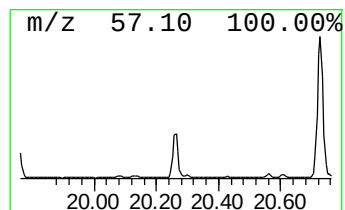
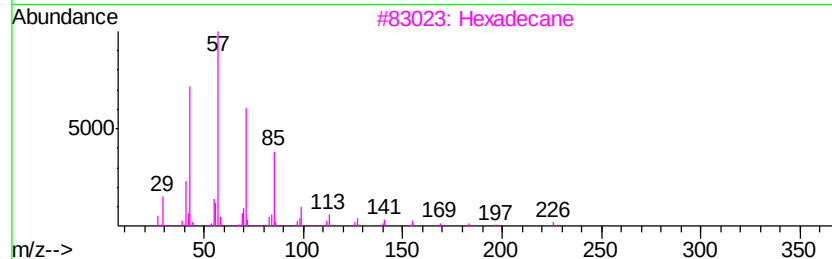
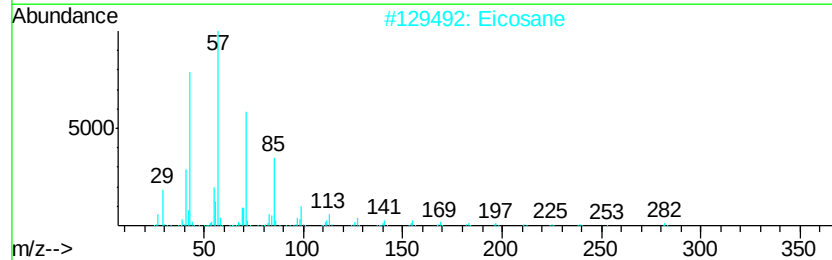
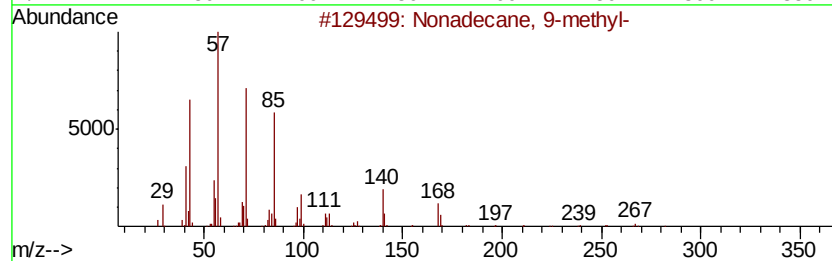
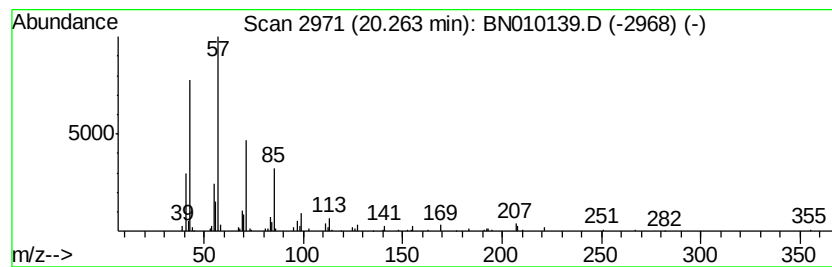
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.96 ng/ul	166149	Chrysene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	76
2		Eicosane	282	C20H42	000112-95-8	74
3		Hexadecane	226	C16H34	000544-76-3	72
4		Pentadecane	212	C15H32	000629-62-9	72
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68



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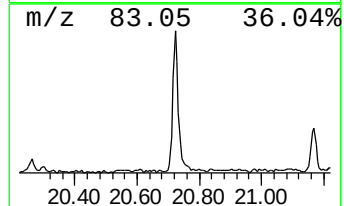
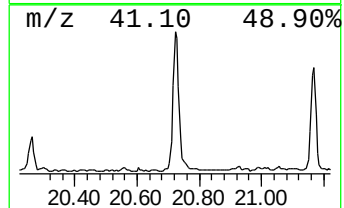
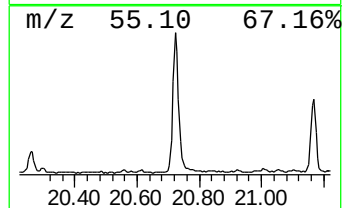
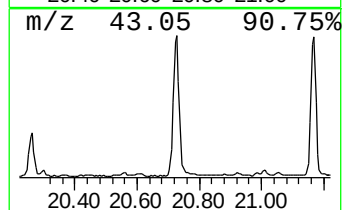
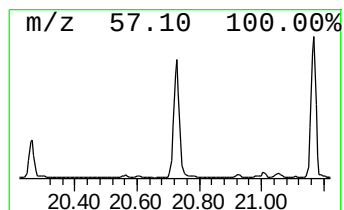
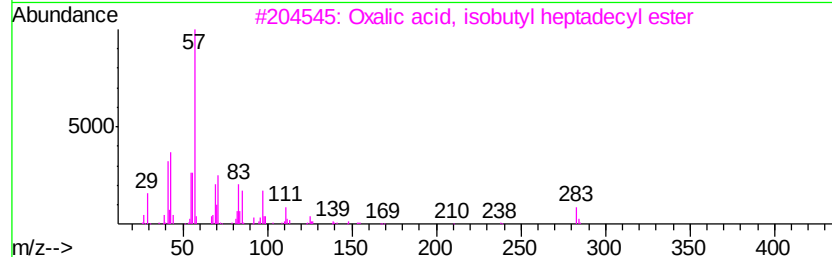
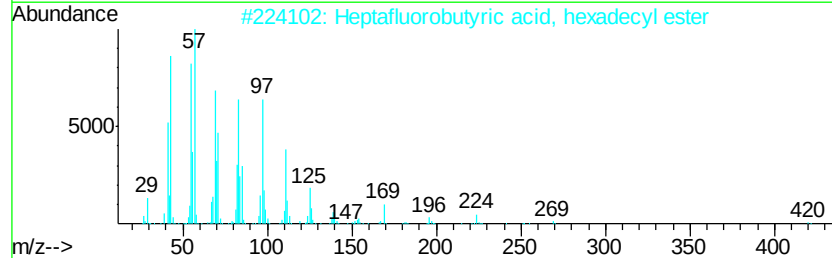
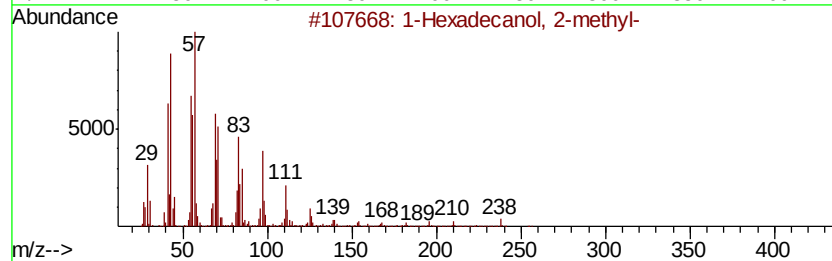
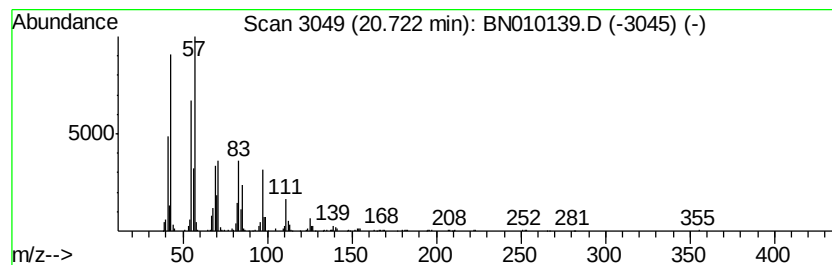
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Hexadecanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.72	15.54 ng/ul	873214	Chrysene-d12	20.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	87
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	86
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80



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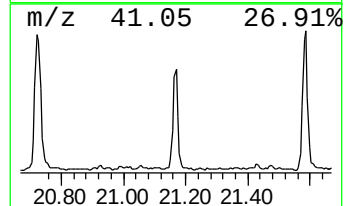
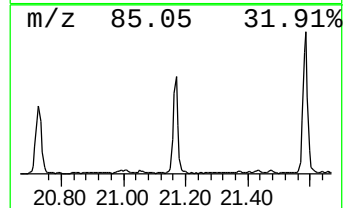
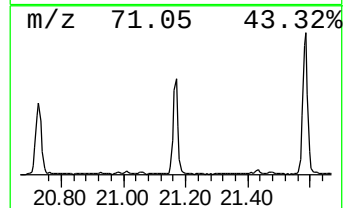
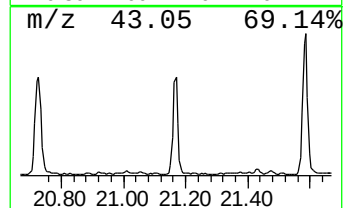
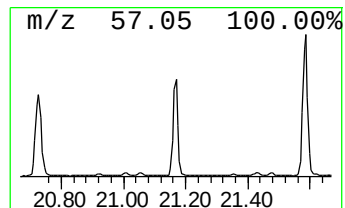
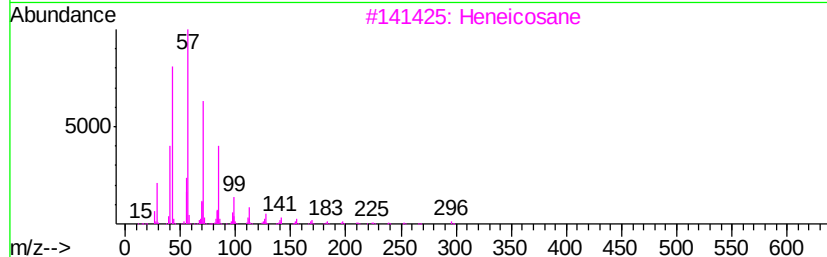
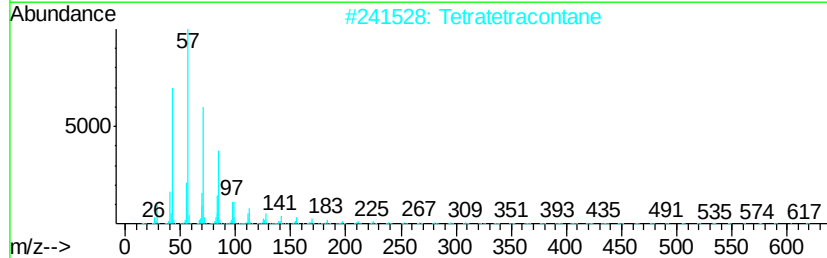
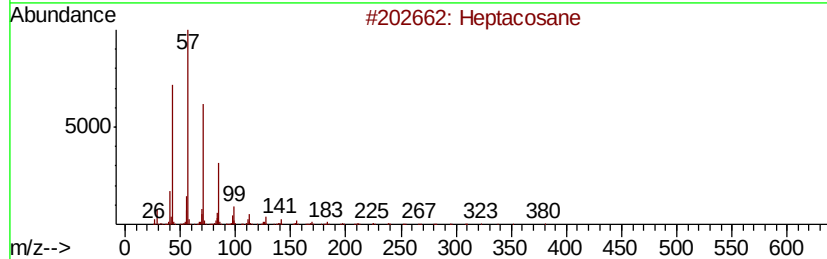
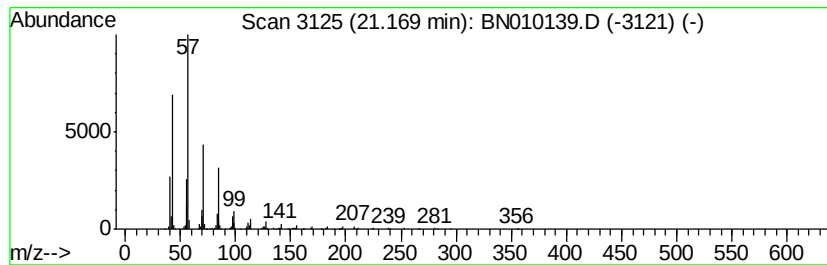
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	10.19 ng/ul	572566	Chrysene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Hexatriacontane	507	C36H74	000630-06-8	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010139.D
Acq On : 07 Mar 2020 03:09
Operator : CG/JU
Sample : L1834-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0DF3

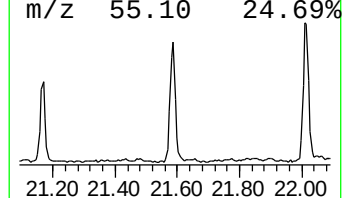
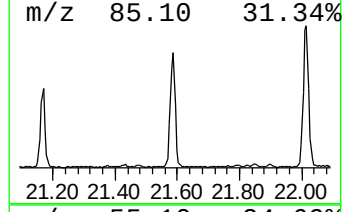
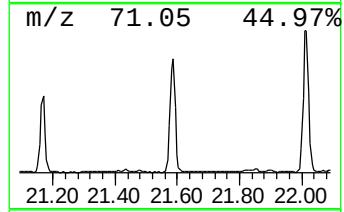
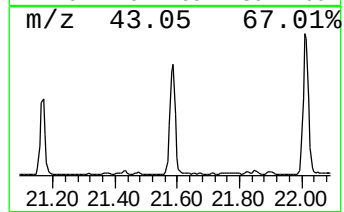
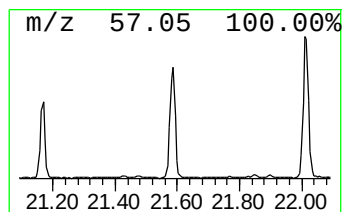
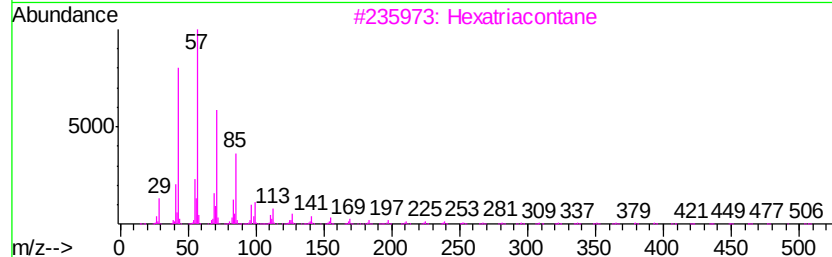
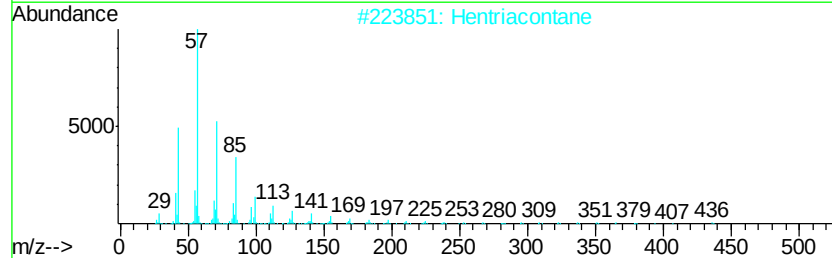
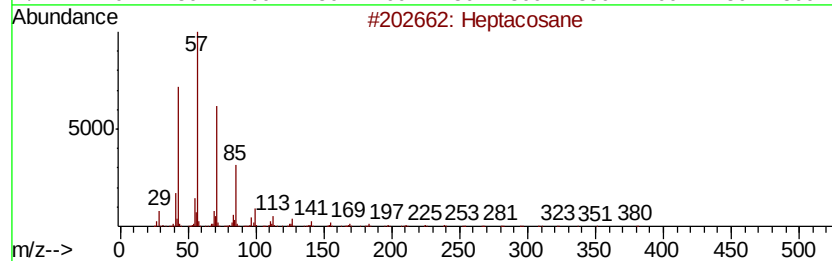
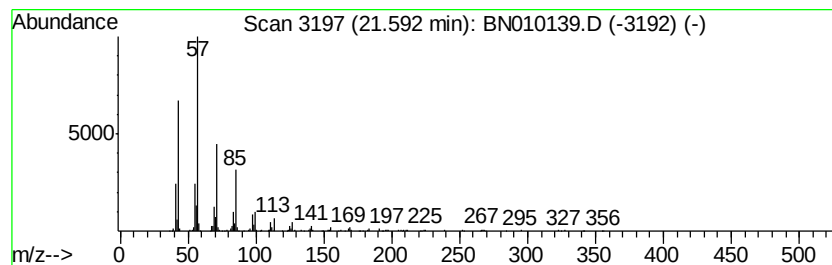
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	15.51 ng/ul	871643	Chrysene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010139.D
Acq On : 07 Mar 2020 03:09
Operator : CG/JU
Sample : L1834-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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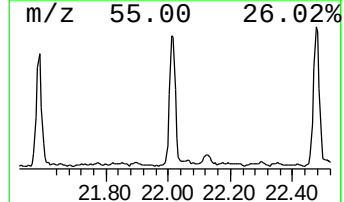
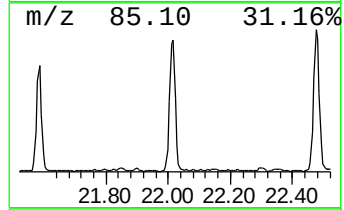
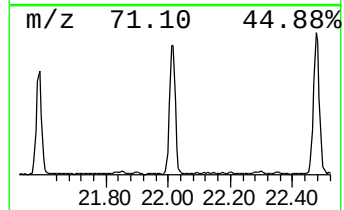
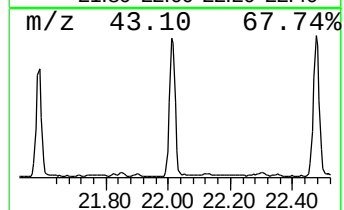
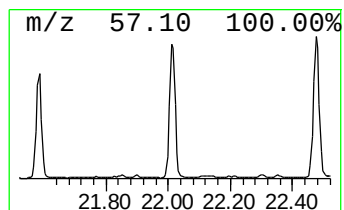
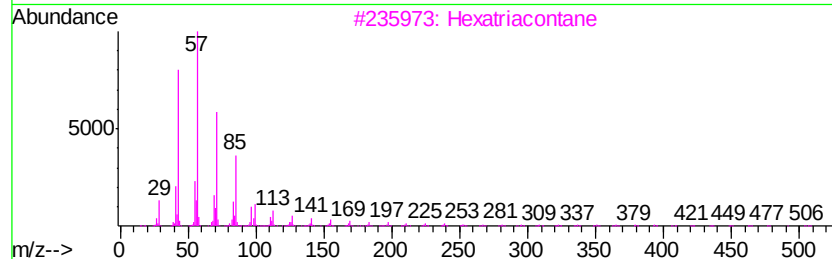
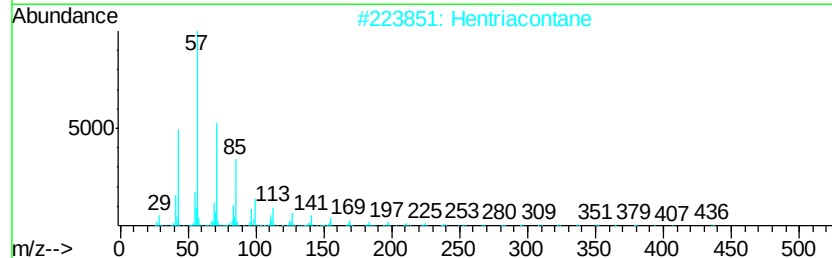
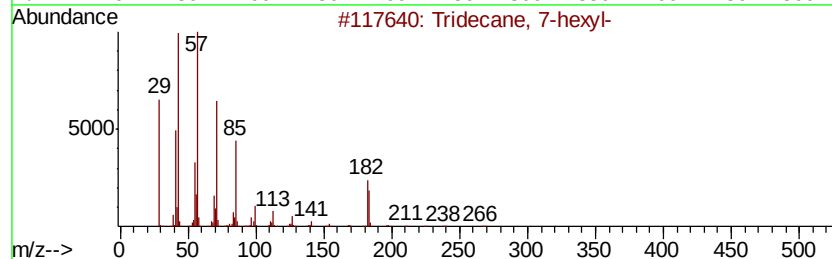
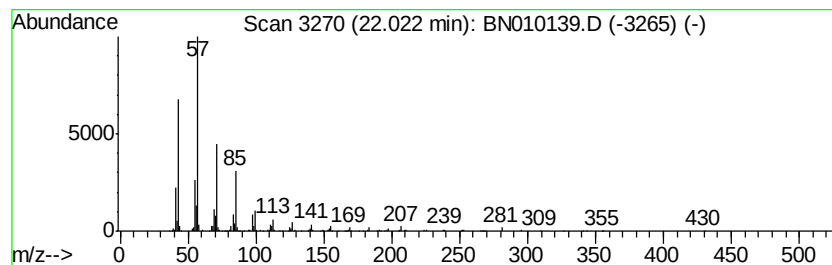
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Quant Title : SVOA CALIBRATION

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.
22.02	20.63 ng/ul	1159260	Chrysene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010139.D
Acq On : 07 Mar 2020 03:09
Operator : CG/JU
Sample : L1834-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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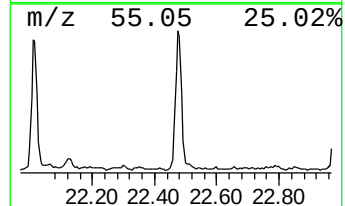
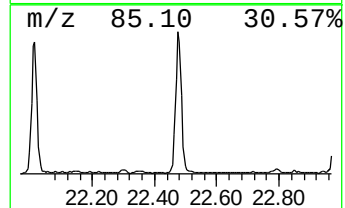
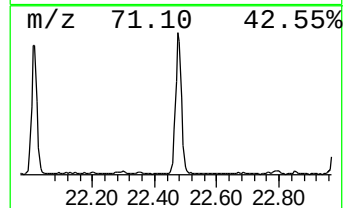
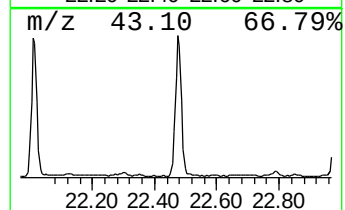
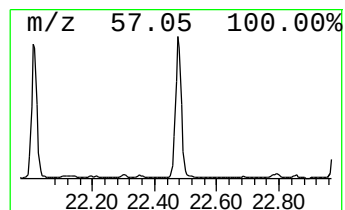
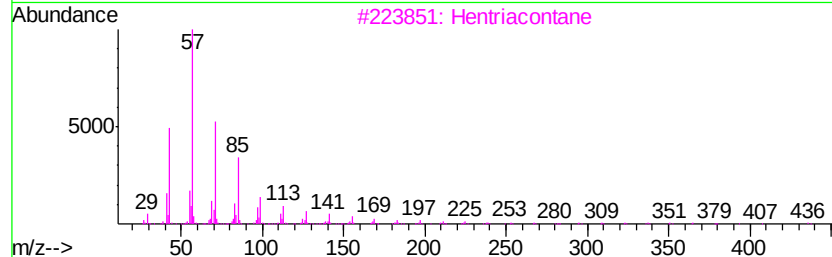
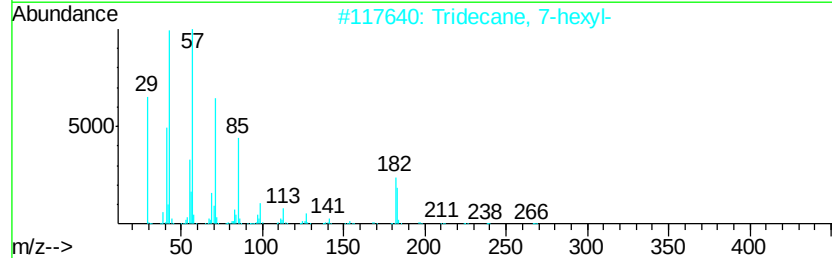
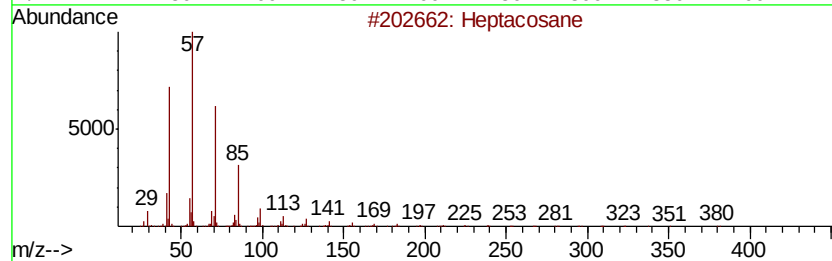
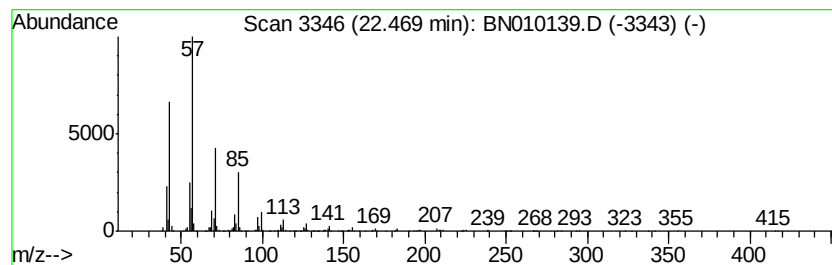
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Quant Title : SVOA CALIBRATION

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.
22.47	19.43 ng/ul	1395570	Perylene-d12	23.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030620\
Data File : BN010139.D
Acq On : 07 Mar 2020 03:09
Operator : CG/JU
Sample : L1834-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0DF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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	17.70	16.3	ng/ul	857796	4	16.76	1055360	20.0
(DEL) Alkane: Str...	20.26	3.0	ng/ul	166149	5	20.99	1123830	20.0
1-Hexadecanol, 2-...	20.72	15.5	ng/ul	873214	5	20.99	1123830	20.0
(DEL) Alkane: Str...	21.17	10.2	ng/ul	572566	5	20.99	1123830	20.0
(DEL) Alkane: Str...	21.59	15.5	ng/ul	871643	5	20.99	1123830	20.0
(DEL) Alkane: Str...	22.02	20.6	ng/ul	1159260	5	20.99	1123830	20.0
(DEL) Alkane: Str...	22.47	19.4	ng/ul	1395570	6	23.08	1436650	20.0