

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009851.D
 Acq On : 22 Feb 2020 18:21
 Operator : CG/JU
 Sample : L1516-13
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD31

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	3.034	4	8	16	rVB	37180	58202	2.01%	0.158%
2	3.711	120	123	129	rVB5	4744	7983	0.28%	0.022%
3	3.805	137	139	142	rBV3	3245	3883	0.13%	0.011%
4	3.934	158	161	168	rVB6	5424	8113	0.28%	0.022%
5	4.011	172	174	178	rBV4	2956	4187	0.14%	0.011%
6	4.328	224	228	230	rBV5	3623	3903	0.13%	0.011%
7	4.599	270	274	280	rBV4	6986	11125	0.38%	0.030%
8	4.775	303	304	310	rBV5	2086	3862	0.13%	0.010%
9	5.152	365	368	371	rVB5	2911	4371	0.15%	0.012%
10	6.593	606	613	624	rBV	676242	1118344	38.60%	3.036%
11	6.746	634	639	654	rVB	465703	731351	25.24%	1.985%
12	6.928	664	670	684	rBV	661163	1061917	36.65%	2.882%
13	7.387	742	748	756	rVV	509707	811447	28.01%	2.203%
14	7.481	759	764	773	rVB	14328	22554	0.78%	0.061%
15	8.105	863	870	883	rBV	739486	1239107	42.77%	3.363%
16	8.216	888	889	892	rVV3	3185	2984	0.10%	0.008%
17	8.534	936	943	960	rBV	617261	1058444	36.53%	2.873%
18	8.722	970	975	978	rBV4	2656	4135	0.14%	0.011%
19	8.975	1014	1018	1022	rVB	15451	19384	0.67%	0.053%
20	9.246	1057	1064	1079	rBV	517211	882205	30.45%	2.395%
21	9.552	1110	1116	1118	rBV4	2109	3635	0.13%	0.010%
22	9.775	1147	1154	1170	rBV	695306	1214468	41.92%	3.296%
23	10.134	1208	1215	1224	rBV	694596	1109549	38.30%	3.012%
24	10.287	1234	1241	1259	rBV	564006	1137916	39.28%	3.089%
25	10.434	1264	1266	1270	rVV4	3732	4877	0.17%	0.013%
26	10.487	1274	1275	1282	rVB4	1535	2970	0.10%	0.008%
27	11.757	1487	1491	1499	rVB5	7054	14085	0.49%	0.038%
28	11.863	1503	1509	1510	rBV4	1890	3003	0.10%	0.008%
29	12.634	1637	1640	1646	rBV4	2974	5124	0.18%	0.014%
30	12.869	1677	1680	1685	rVB3	5141	5687	0.20%	0.015%
31	12.946	1688	1693	1697	rVV4	8765	12157	0.42%	0.033%
32	13.263	1743	1747	1753	rBV5	4455	7324	0.25%	0.020%
33	13.340	1756	1760	1765	rBV5	2340	3797	0.13%	0.010%
34	13.457	1773	1780	1785	rBV	1159776	1691687	58.39%	4.592%

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35	13.504	1785	1788	1797	rVB	115060	165368	5.71%	0.449%
36	13.716	1817	1824	1834	rBV	1394060	1990308	68.70%	5.402%
37	13.963	1863	1866	1870	rVB4	5779	7870	0.27%	0.021%
38	14.028	1870	1877	1888	rBV	998833	1433404	49.48%	3.891%
39	14.269	1912	1918	1932	rBV	389427	802124	27.69%	2.177%
40	14.487	1953	1955	1959	rVB3	2869	3186	0.11%	0.009%
41	14.863	2017	2019	2023	rVV4	3587	3791	0.13%	0.010%
42	14.922	2026	2029	2033	rVB4	7320	9016	0.31%	0.024%
43	15.034	2041	2048	2057	rBV	1764641	2415824	83.39%	6.557%
44	15.187	2067	2074	2086	rBV	529467	852026	29.41%	2.313%
45	15.275	2086	2089	2094	rVB3	20388	26972	0.93%	0.073%
46	15.545	2130	2135	2137	rBV4	1990	3458	0.12%	0.009%
47	15.792	2173	2177	2180	rBV3	4289	4449	0.15%	0.012%
48	15.822	2180	2182	2186	rVB5	4337	4770	0.16%	0.013%
49	15.910	2192	2197	2199	rBV2	2277	2906	0.10%	0.008%
50	16.040	2215	2219	2220	rBV4	3323	4506	0.16%	0.012%
51	16.540	2300	2304	2307	rBV3	3307	4208	0.15%	0.011%
52	16.581	2307	2311	2315	rBV4	5906	9778	0.34%	0.027%
53	16.787	2340	2346	2354	rBV	1192696	1649603	56.94%	4.478%
54	16.887	2357	2363	2379	rVV	1849297	2553569	88.14%	6.931%
55	16.998	2379	2382	2384	rVV3	3021	4124	0.14%	0.011%
56	17.028	2384	2387	2394	rVB7	5194	7890	0.27%	0.021%
57	17.204	2413	2417	2423	rVB3	15230	21963	0.76%	0.060%
58	17.716	2499	2504	2513	rBV	193640	289557	9.99%	0.786%
59	17.992	2548	2551	2553	rBV2	4238	5533	0.19%	0.015%
60	18.151	2574	2578	2582	rVB4	7427	9449	0.33%	0.026%
61	18.522	2638	2641	2646	rVB6	4509	4595	0.16%	0.012%
62	18.586	2648	2652	2655	rBV5	14561	14963	0.52%	0.041%
63	18.834	2690	2694	2697	rBV	15284	18996	0.66%	0.052%
64	18.939	2710	2712	2715	rBV4	2246	3238	0.11%	0.009%
65	19.010	2720	2724	2731	rVV2	41444	65713	2.27%	0.178%
66	19.081	2733	2736	2741	rVB3	14291	21198	0.73%	0.058%
67	19.122	2741	2743	2745	rBV3	3773	3150	0.11%	0.009%
68	19.192	2747	2755	2766	rBV	2169106	2897116	100.00%	7.864%
69	19.451	2797	2799	2804	rVB5	5453	6848	0.24%	0.019%
70	19.492	2804	2806	2808	rBV3	3823	4294	0.15%	0.012%
71	19.751	2846	2850	2854	rBV5	17155	26583	0.92%	0.072%

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72	20.163	2918	2920	2923	rVB4	8331	6670	0.23%	0.018%
73	20.286	2935	2941	2946	rBV7	18811	29439	1.02%	0.080%
74	20.698	3007	3011	3015	rBV	40496	68419	2.36%	0.186%
75	20.745	3015	3019	3026	rVV2	652469	817178	28.21%	2.218%
76	20.804	3026	3029	3037	rVB	163968	219180	7.57%	0.595%
77	21.004	3058	3063	3072	rBV	1376567	1756251	60.62%	4.767%
78	21.192	3092	3095	3102	rVB	65287	79676	2.75%	0.216%
79	21.610	3163	3166	3172	rBV2	118028	165138	5.70%	0.448%
80	22.045	3236	3240	3243	rBV	152712	185219	6.39%	0.503%
81	22.157	3256	3259	3263	rBV2	52342	65114	2.25%	0.177%
82	22.510	3315	3319	3323	rVB	188737	237022	8.18%	0.643%
83	22.974	3391	3398	3403	rBV	1733792	2795995	96.51%	7.589%
84	23.027	3403	3407	3413	rVV	211066	328614	11.34%	0.892%
85	23.104	3414	3420	3428	rVB	1019680	1776131	61.31%	4.821%
86	23.610	3501	3506	3511	rBV	159741	261762	9.04%	0.711%
87	23.680	3514	3518	3524	rVB2	111609	202558	6.99%	0.550%
88	24.280	3615	3620	3626	rVB	115222	221348	7.64%	0.601%

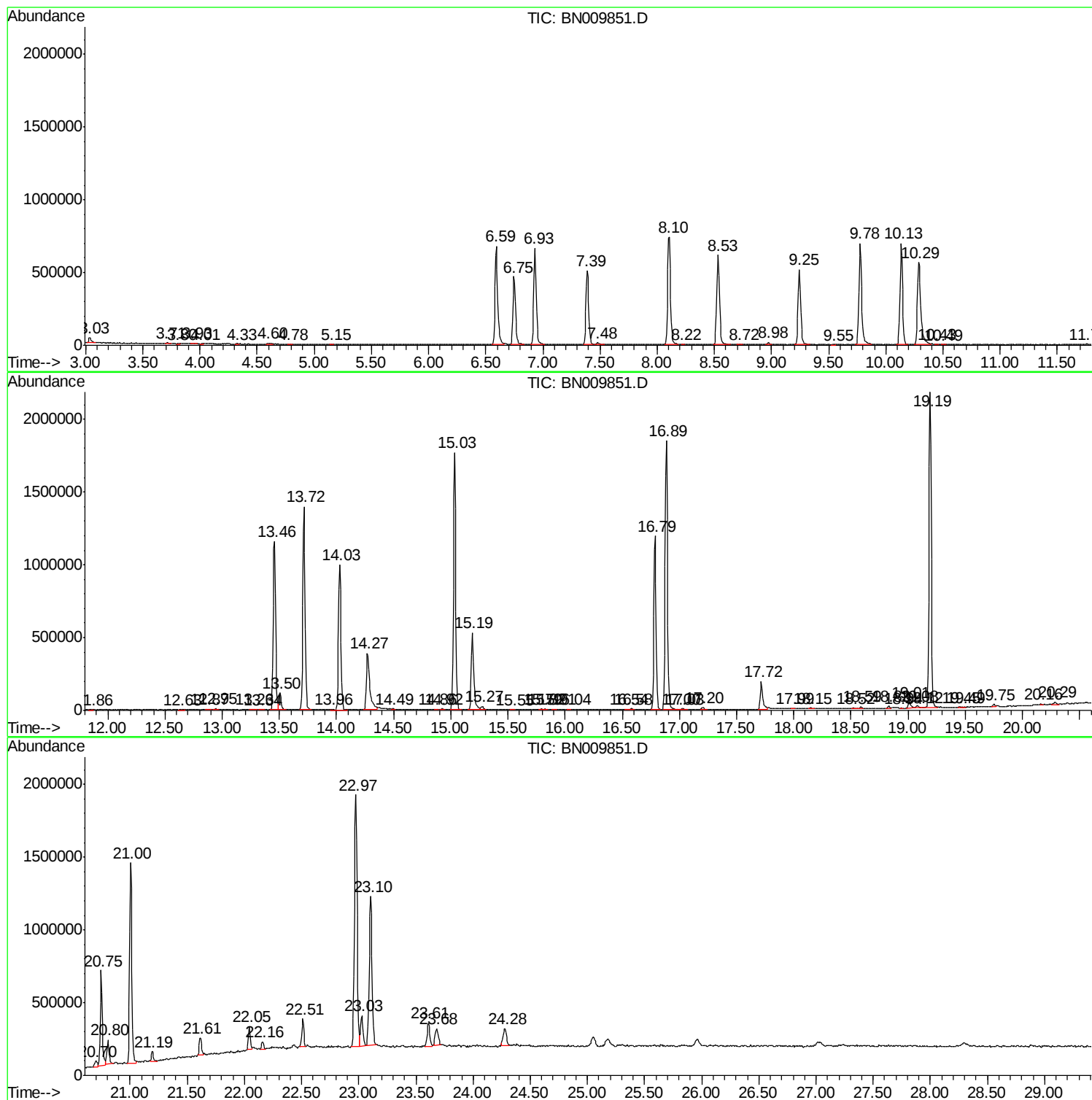
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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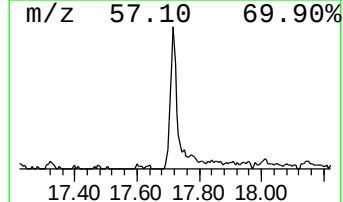
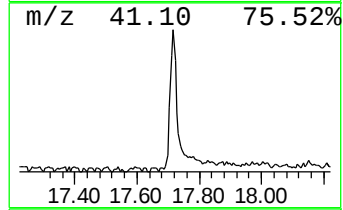
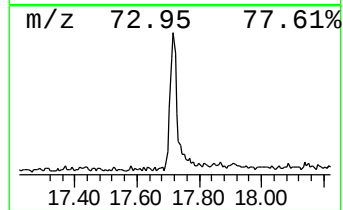
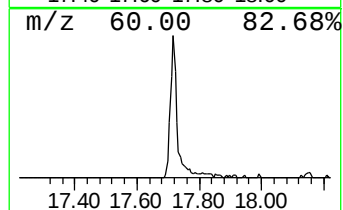
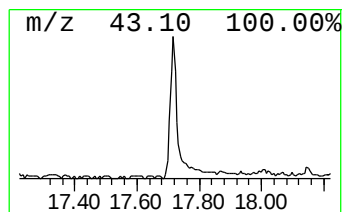
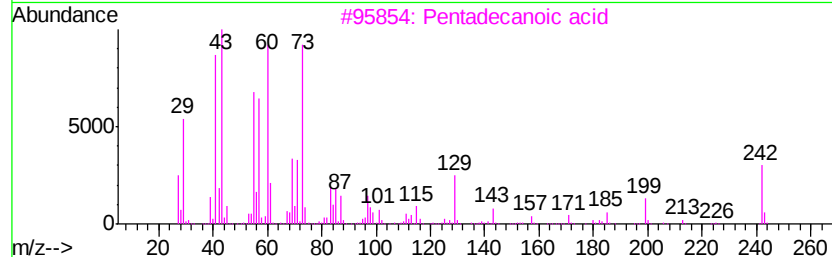
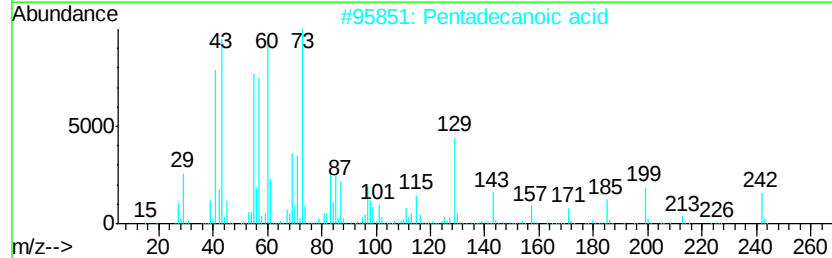
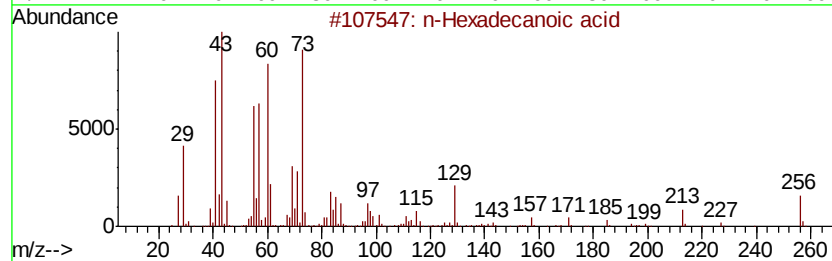
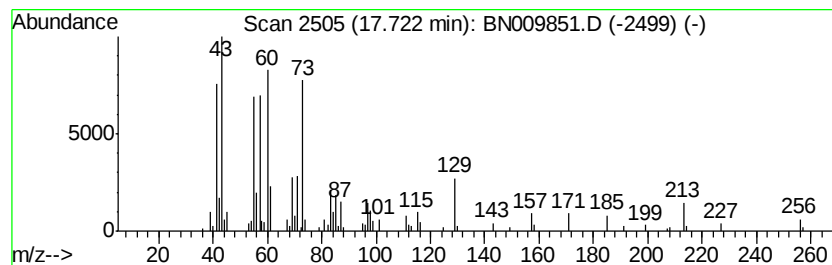
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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.
17.72	3.51 ng/ul	289557	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	80
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



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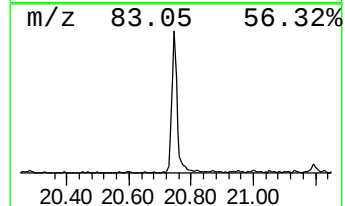
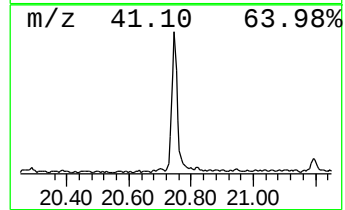
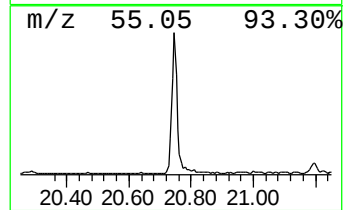
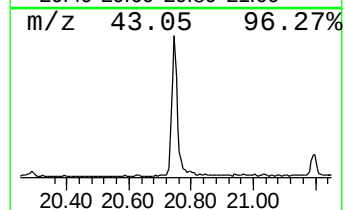
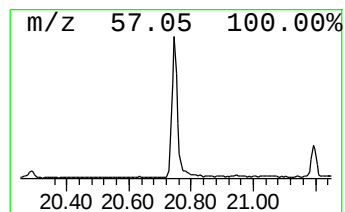
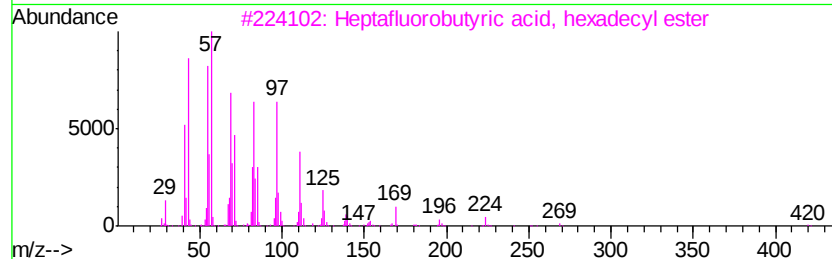
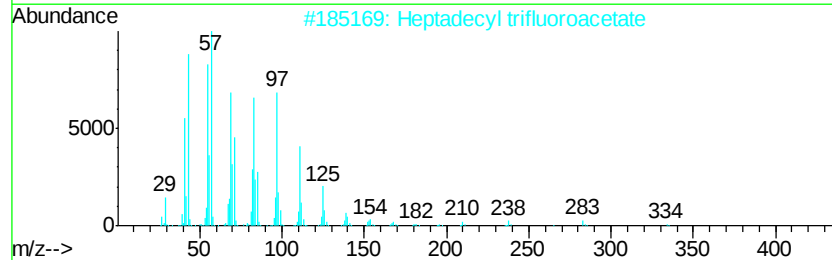
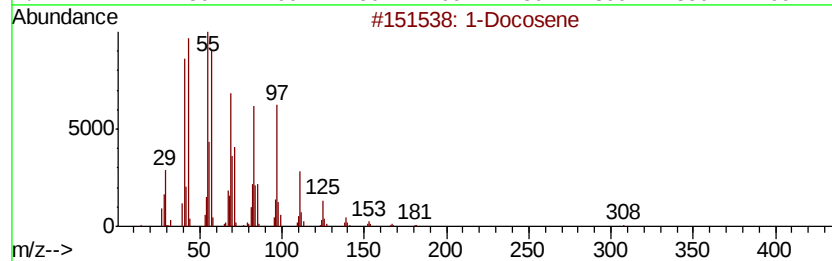
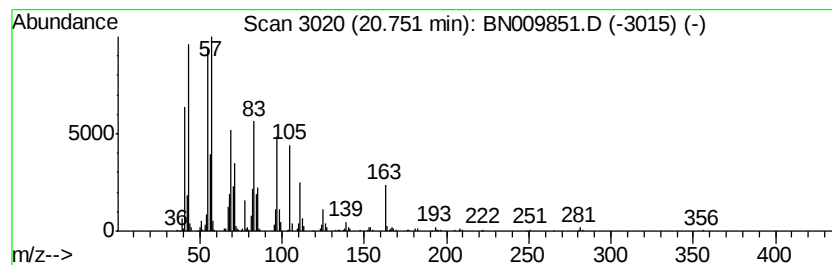
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	9.31 ng/ul	817178	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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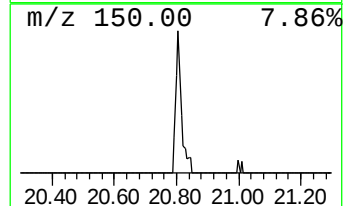
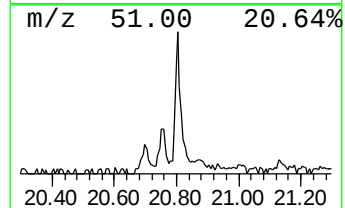
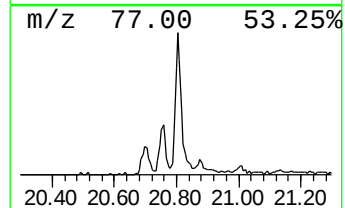
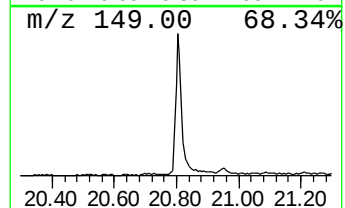
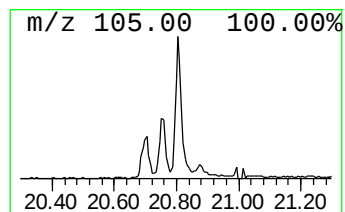
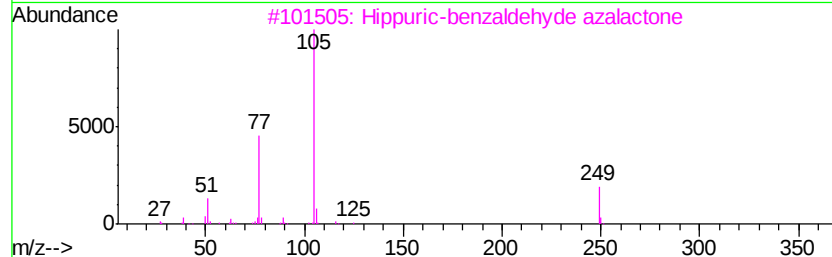
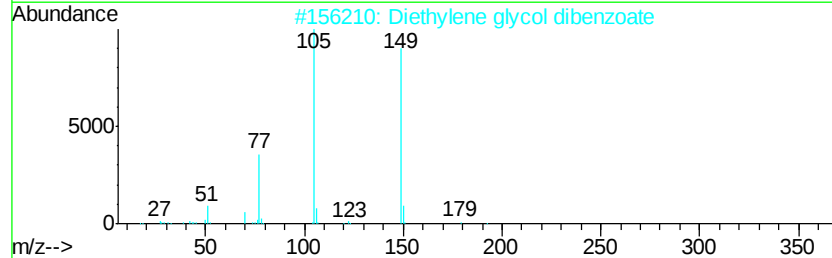
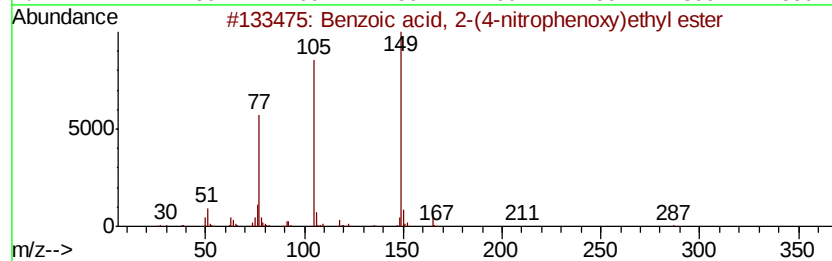
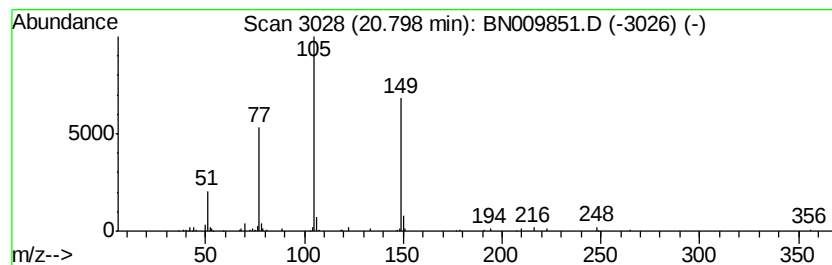
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzoic acid, 2-(4-nitrophe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.50 ng/ul	219180	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13N05	1000368-92-7	72
2		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
3		Hippuric-benzaldehyde azalactone	249	C16H11N02	000842-74-0	38
4		Vinyl benzoate	148	C9H8O2	000769-78-8	38
5		Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	35



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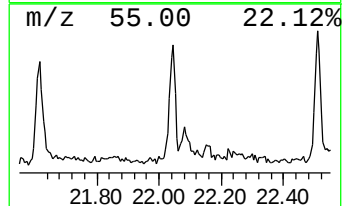
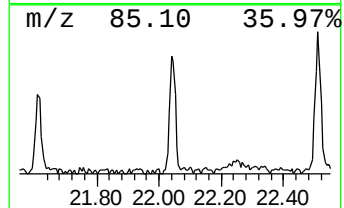
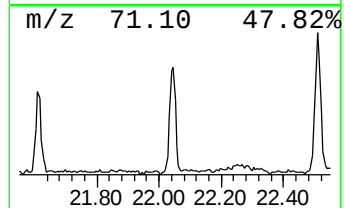
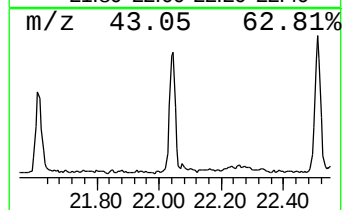
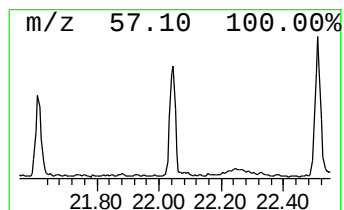
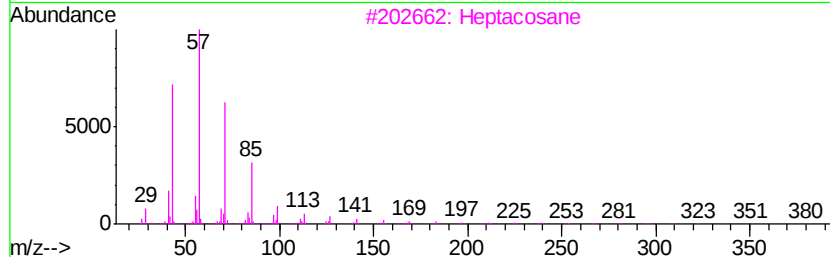
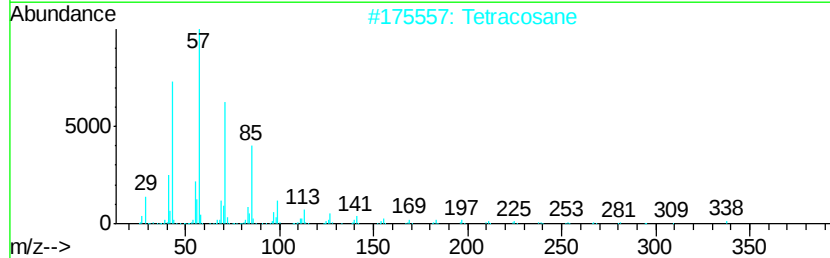
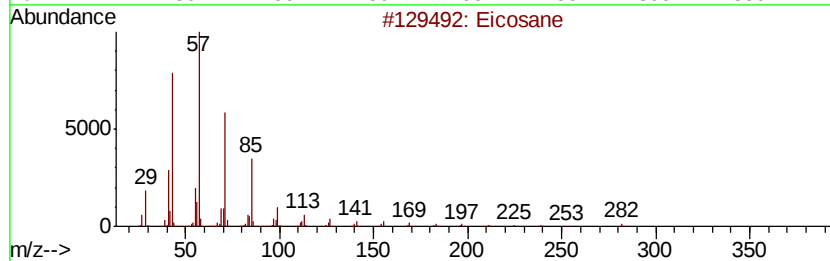
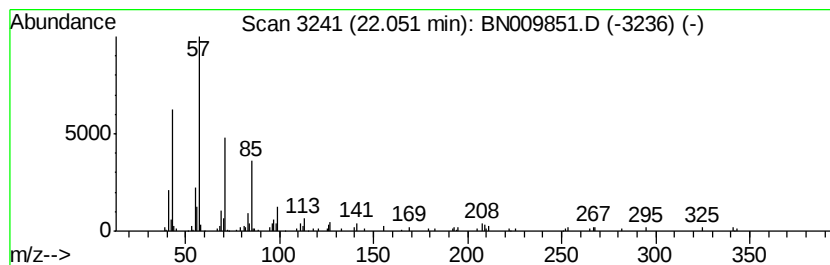
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	2.11 ng/ul	185219	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Tetracosane	338	C24H50	000646-31-1	83
3		Heptacosane	380	C27H56	000593-49-7	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009851.D
Acq On : 22 Feb 2020 18:21
Operator : CG/JU
Sample : L1516-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD31

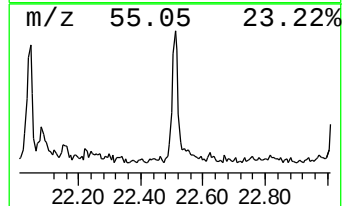
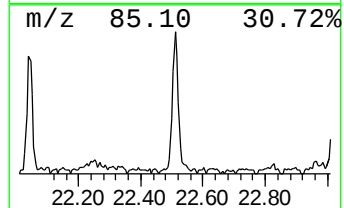
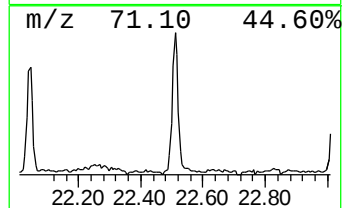
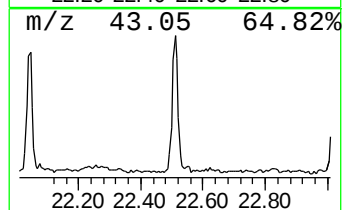
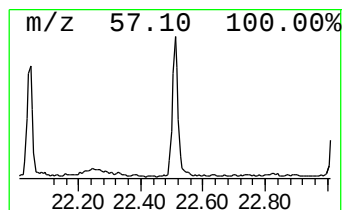
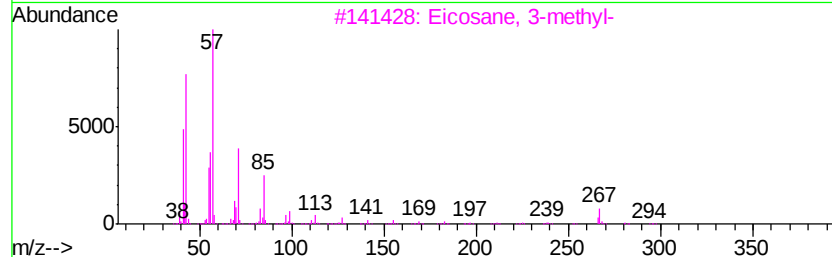
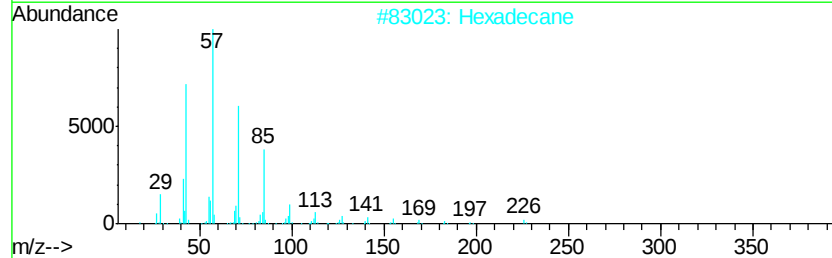
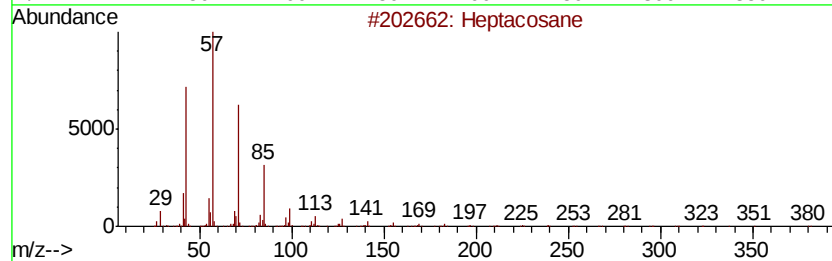
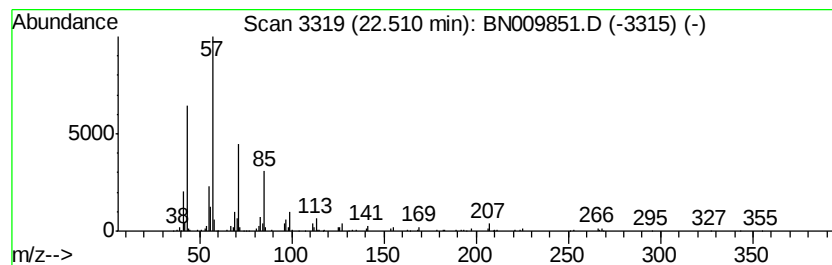
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Quant Title : SVOA CALIBRATION

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.
22.51	2.67 ng/ul	237022	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Hexadecane	226	C16H34	000544-76-3	80
3		Eicosane, 3-methyl-	296	C21H44	006418-46-8	80
4		Eicosane	282	C20H42	000112-95-8	74
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009851.D
Acq On : 22 Feb 2020 18:21
Operator : CG/JU
Sample : L1516-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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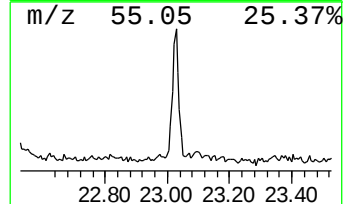
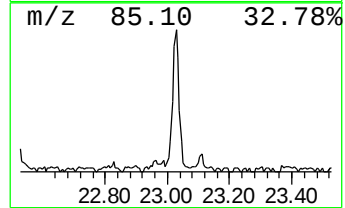
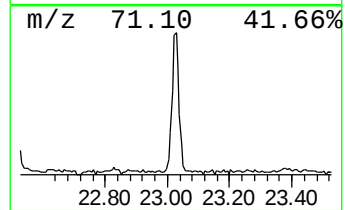
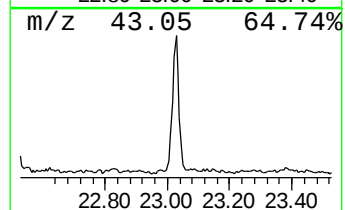
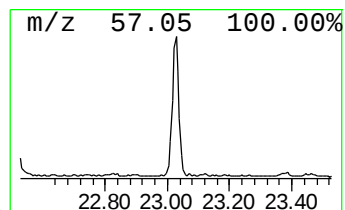
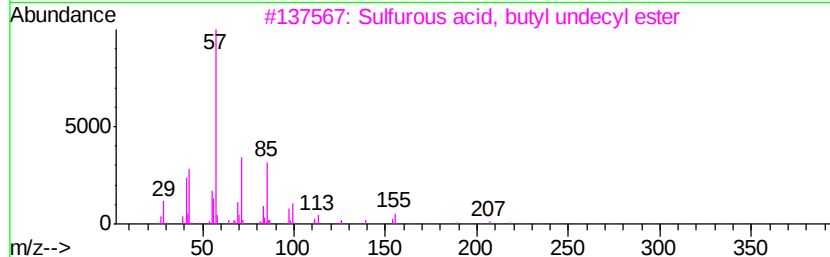
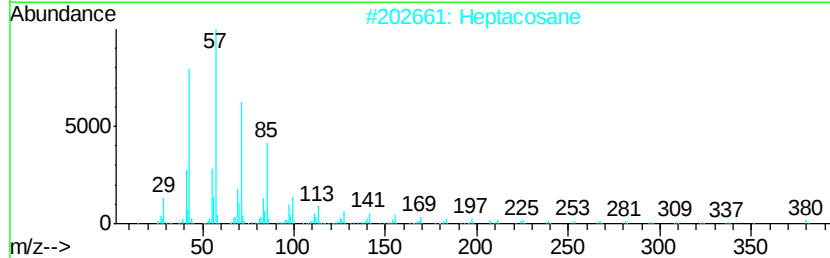
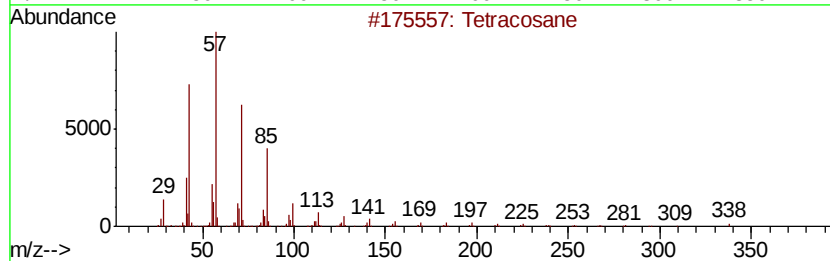
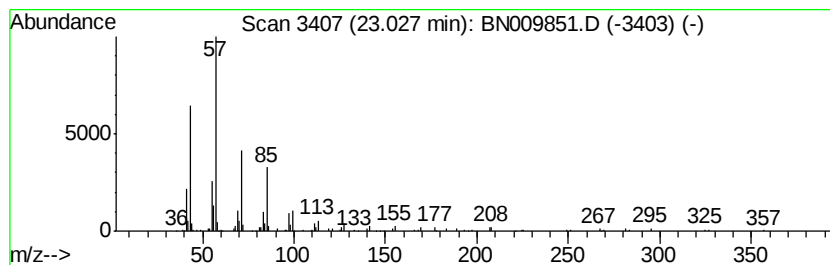
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	3.70 ng/ul	328614	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009851.D
Acq On : 22 Feb 2020 18:21
Operator : CG/JU
Sample : L1516-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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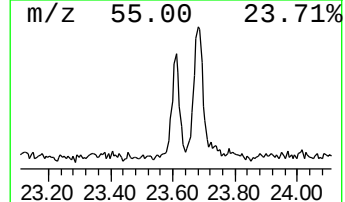
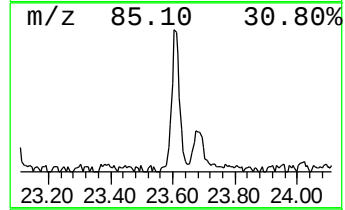
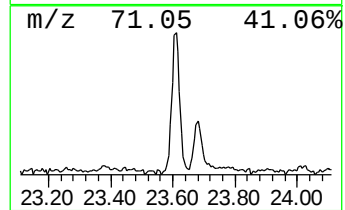
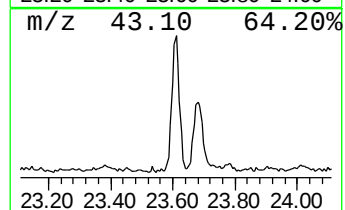
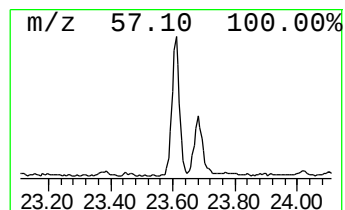
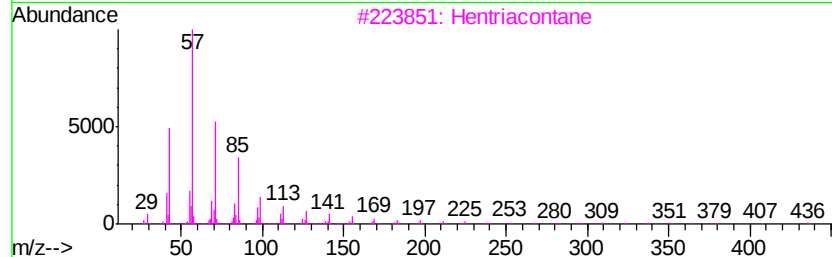
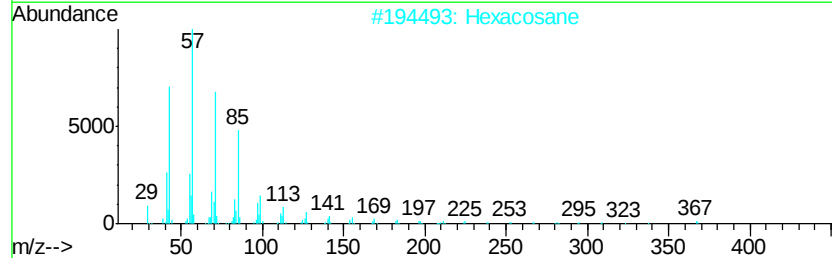
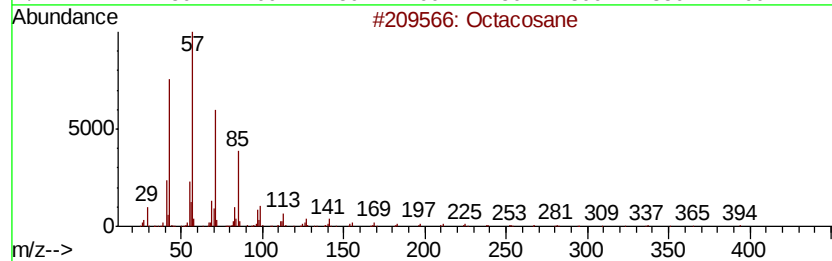
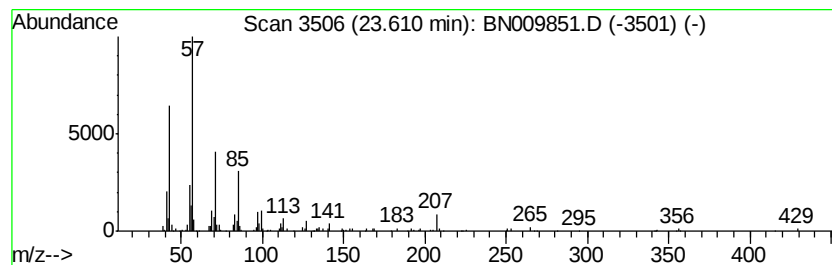
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	2.95 ng/ul	261762	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	76
2		Hexacosane	366	C26H54	000630-01-3	76
3		Hentriacontane	437	C31H64	000630-04-6	68
4		Heptacosane	380	C27H56	000593-49-7	68
5		Tetratetracontane	619	C44H90	007098-22-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
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Acq On : 22 Feb 2020 18:21
Operator : CG/JU
Sample : L1516-13
Misc :
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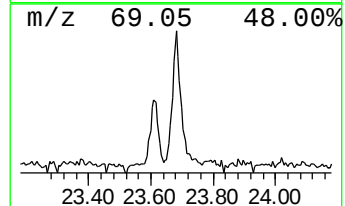
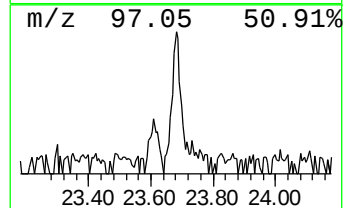
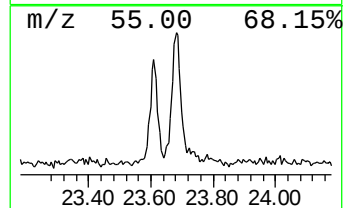
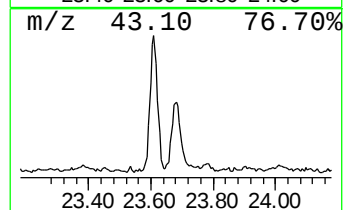
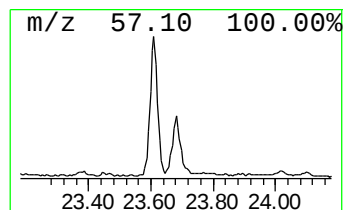
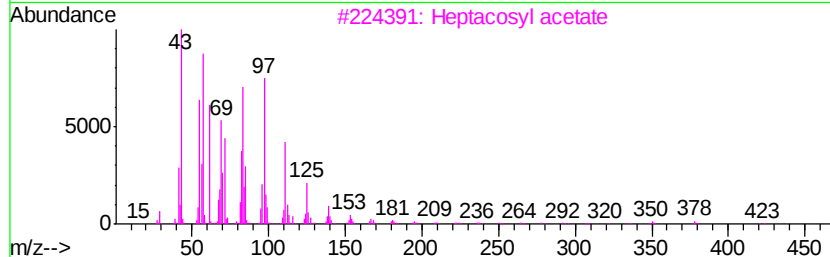
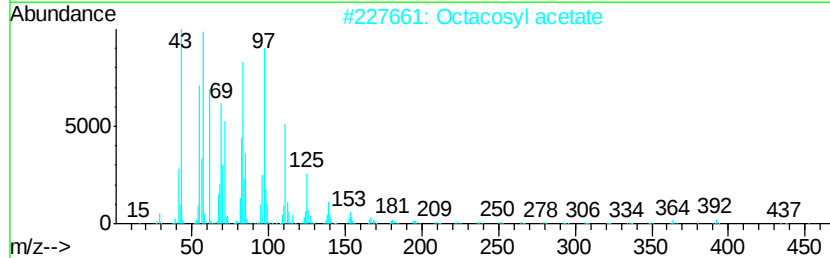
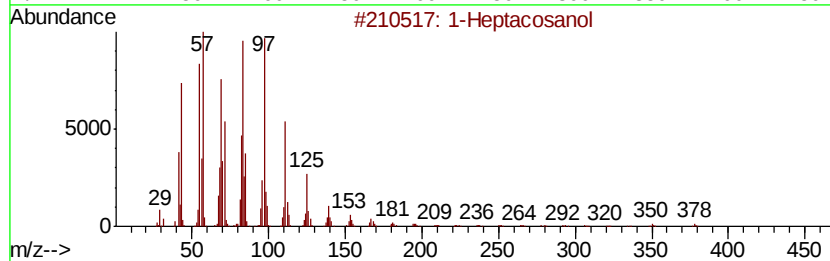
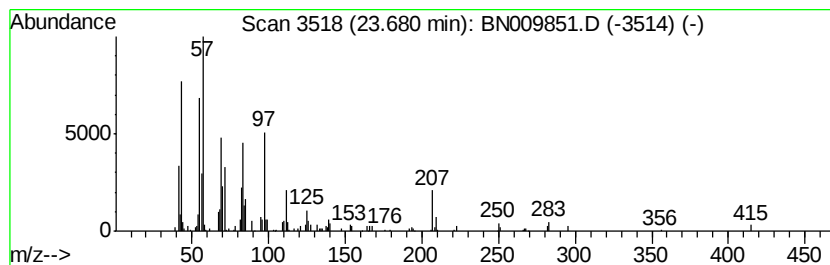
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	2.28 ng/ul	202558	Perylene-d12	23.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol	396 C27H56O	002004-39-9	83
2	Octacosyl acetate	452 C30H60O2	018206-97-8	83
3	Heptacosyl acetate	438 C29H58O2	1000351-78-2	80
4	1-Docosene	308 C22H44	001599-67-3	64
5	cis-Vaccenic acid	282 C18H34O2	000506-17-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009851.D
Acq On : 22 Feb 2020 18:21
Operator : CG/JU
Sample : L1516-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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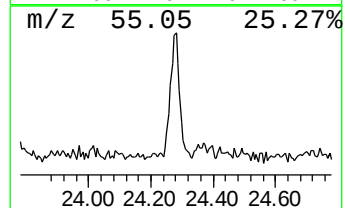
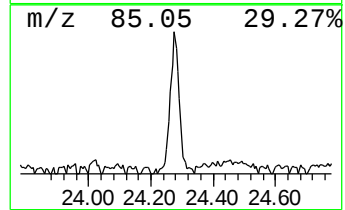
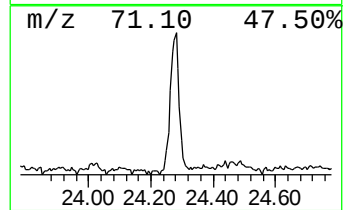
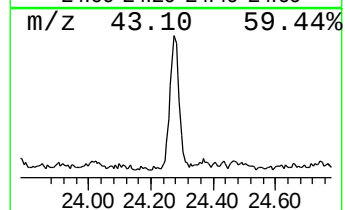
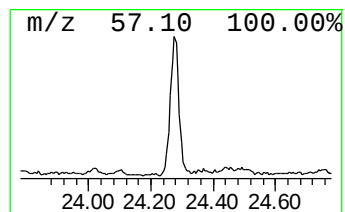
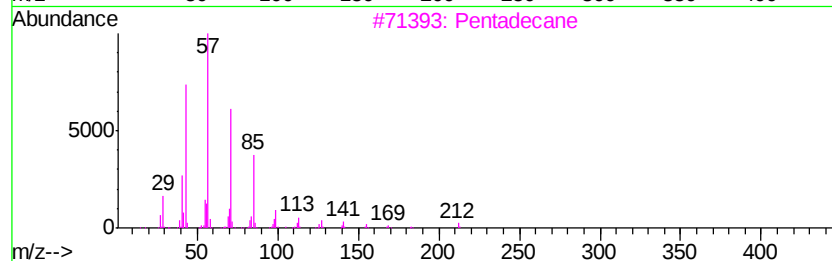
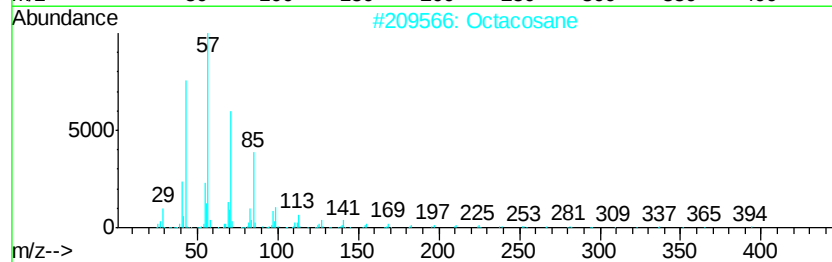
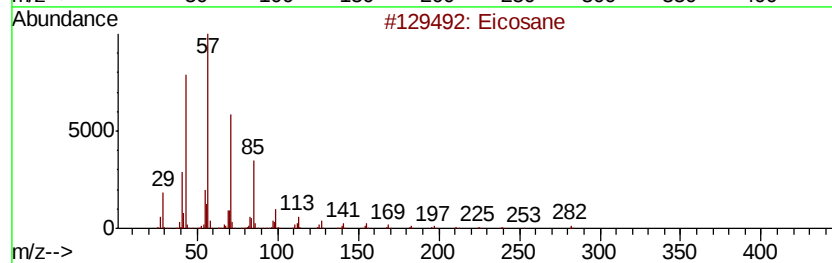
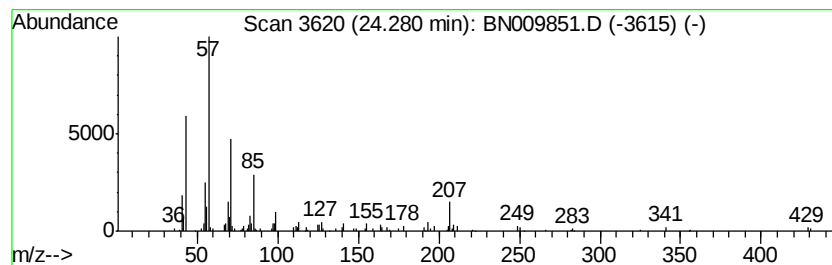
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.28	2.49 ng/ul	221348	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	74
2		Octacosane	394	C28H58	000630-02-4	74
3		Pentadecane	212	C15H32	000629-62-9	74
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009851.D
Acq On : 22 Feb 2020 18:21
Operator : CG/JU
Sample : L1516-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.72	3.5	ng/ul	289557	4	16.79	1649600	20.0
(DEL) Alkane: Str...	20.75	9.3	ng/ul	817178	5	21.00	1756250	20.0
Benzoic acid, 2-(...	20.80	2.5	ng/ul	219180	5	21.00	1756250	20.0
(DEL) Alkane: Str...	22.05	2.1	ng/ul	185219	5	21.00	1756250	20.0
(DEL) Alkane: Str...	22.51	2.7	ng/ul	237022	6	23.10	1776130	20.0
(DEL) Alkane: Str...	23.03	3.7	ng/ul	328614	6	23.10	1776130	20.0
(DEL) Alkane: Str...	23.61	3.0	ng/ul	261762	6	23.10	1776130	20.0
1-Heptacosanol	23.68	2.3	ng/ul	202558	6	23.10	1776130	20.0
(DEL) Alkane: Str...	24.28	2.5	ng/ul	221348	6	23.10	1776130	20.0