

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005220.D
 Acq On : 23 Apr 2019 18:23
 Operator : JU/SJ
 Sample : K2403-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5125

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-BN041919MA.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	3.217	35	39	49	rVB	197587	236461	1.79%	0.160%
2	3.705	118	122	126	rBV	46410	54795	0.41%	0.037%
3	3.917	153	158	165	rVB	40104	54900	0.41%	0.037%
4	4.781	301	305	315	rBV2	34012	56065	0.42%	0.038%
5	4.864	315	319	325	rBV5	14845	25100	0.19%	0.017%
6	5.722	461	465	470	rVB6	7999	13352	0.10%	0.009%
7	6.281	554	560	566	rVB6	11025	17850	0.13%	0.012%
8	6.775	637	644	654	rBV	1801761	2788741	21.06%	1.886%
9	6.946	661	673	682	rBV	1400748	2141082	16.17%	1.448%
10	7.134	698	705	715	rBV	1803438	2759468	20.84%	1.866%
11	7.240	719	723	730	rVB5	11557	17672	0.13%	0.012%
12	7.599	776	784	792	rBV	4218901	6561270	49.55%	4.436%
13	7.669	792	796	802	rVB2	32547	50173	0.38%	0.034%
14	8.293	895	902	913	rBV	2059784	3228627	24.38%	2.183%
15	8.740	970	978	985	rBV	1690470	2763735	20.87%	1.869%
16	8.916	1003	1008	1013	rVB5	18009	27921	0.21%	0.019%
17	9.193	1048	1055	1060	rBV2	67812	98048	0.74%	0.066%
18	9.452	1091	1099	1107	rBV	1383810	2239931	16.92%	1.515%
19	9.981	1182	1189	1200	rBV	2195547	3548309	26.80%	2.399%
20	10.357	1245	1253	1261	rBV	5684388	9764492	73.74%	6.602%
21	10.410	1261	1262	1268	rVB5	16237	13607	0.10%	0.009%
22	10.493	1268	1276	1289	rBV	1887833	3149351	23.78%	2.129%
23	11.799	1494	1498	1505	rVB8	9796	19123	0.14%	0.013%
24	11.946	1518	1523	1532	rVV3	32978	62766	0.47%	0.042%
25	12.028	1532	1537	1546	rVB3	17508	33016	0.25%	0.022%
26	12.840	1672	1675	1678	rBV5	9267	13575	0.10%	0.009%
27	13.075	1711	1715	1720	rVB3	19943	28198	0.21%	0.019%
28	13.140	1720	1726	1730	rBV3	36921	53808	0.41%	0.036%
29	13.651	1806	1813	1817	rBV	3543054	5029331	37.98%	3.401%
30	13.698	1817	1821	1828	rVV	1188148	1647888	12.44%	1.114%
31	13.916	1851	1858	1870	rBV	3910173	5907172	44.61%	3.994%
32	14.163	1895	1900	1904	rBV3	19330	28711	0.22%	0.019%
33	14.234	1904	1912	1920	rBV2	7990993	12348617	93.25%	8.350%
34	14.428	1937	1945	1955	rBV	1277372	1872373	14.14%	1.266%

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 Title : SVOA CALIBRATION

35	14.587	1969	1972	1973	rBV2	18053	16711	0.13%	0.011%
36	14.663	1981	1985	1990	rBV3	30054	41293	0.31%	0.028%
37	14.781	2002	2005	2010	rBV7	8197	16541	0.12%	0.011%
38	14.851	2010	2017	2019	rVV7	13338	25017	0.19%	0.017%
39	14.893	2022	2024	2029	rVB5	14046	20474	0.15%	0.014%
40	15.063	2049	2053	2057	rBV3	13205	18456	0.14%	0.012%
41	15.116	2057	2062	2068	rVB4	28352	40964	0.31%	0.028%
42	15.228	2075	2081	2090	rBV	4714133	6898312	52.09%	4.664%
43	15.351	2096	2102	2109	rBV	652481	929802	7.02%	0.629%
44	15.469	2117	2122	2127	rBV2	59860	94392	0.71%	0.064%
45	15.622	2145	2148	2152	rVB4	16440	20512	0.15%	0.014%
46	15.822	2181	2182	2187	rVB5	10777	13589	0.10%	0.009%
47	15.981	2207	2209	2211	rVV3	18998	20102	0.15%	0.014%
48	16.016	2211	2215	2224	rVB7	31525	64112	0.48%	0.043%
49	16.151	2234	2238	2240	rBV3	12534	15332	0.12%	0.010%
50	16.187	2240	2244	2248	rVB3	14330	21158	0.16%	0.014%
51	16.410	2277	2282	2286	rBV6	21302	39891	0.30%	0.027%
52	16.539	2300	2304	2310	rBV5	31063	49699	0.38%	0.034%
53	16.663	2323	2325	2330	rVB6	12839	15663	0.12%	0.011%
54	16.769	2337	2343	2352	rBV2	52968	114791	0.87%	0.078%
55	16.986	2373	2380	2386	rVV2	9410508	13241908	100.00%	8.954%
56	17.081	2390	2396	2406	rVB	4594937	6639484	50.14%	4.489%
57	17.186	2411	2414	2419	rVV6	13818	24938	0.19%	0.017%
58	17.298	2430	2433	2435	rBV5	10176	13693	0.10%	0.009%
59	17.404	2447	2451	2455	rVB6	25194	38203	0.29%	0.026%
60	17.516	2467	2470	2475	rBV5	21935	44147	0.33%	0.030%
61	17.786	2511	2516	2525	rBV9	43380	128988	0.97%	0.087%
62	17.863	2527	2529	2533	rVB4	19134	19350	0.15%	0.013%
63	17.916	2533	2538	2552	rBV	1396521	2244286	16.95%	1.517%
64	18.216	2585	2589	2594	rBV5	57771	87876	0.66%	0.059%
65	18.857	2695	2698	2705	rVB3	82838	121556	0.92%	0.082%
66	19.028	2723	2727	2729	rBV	54087	75652	0.57%	0.051%
67	19.057	2729	2732	2734	rVV2	82349	97297	0.73%	0.066%
68	19.092	2735	2738	2747	rVB6	102889	210548	1.59%	0.142%
69	19.216	2754	2759	2767	rBV	500421	884091	6.68%	0.598%
70	19.398	2782	2790	2796	rBV	4764959	6745864	50.94%	4.561%
71	19.451	2796	2799	2802	rVB	76131	82796	0.63%	0.056%

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72	19.992	2888	2891	2896	rVB	109139	125300	0.95%	0.085%
73	20.310	2943	2945	2949	rBV5	39373	60767	0.46%	0.041%
74	20.363	2951	2954	2958	rVB	197144	233765	1.77%	0.158%
75	20.498	2974	2977	2980	rVB2	138297	118627	0.90%	0.080%
76	20.963	3051	3056	3074	rBV	2084973	3234335	24.42%	2.187%
77	21.169	3088	3091	3094	rVB	204586	199470	1.51%	0.135%
78	21.222	3094	3100	3106	rBV	8427044	11649214	87.97%	7.877%
79	21.363	3122	3124	3129	rVB4	99893	113589	0.86%	0.077%
80	21.427	3131	3135	3139	rBV	299222	355717	2.69%	0.241%
81	21.874	3206	3211	3222	rBV2	718535	1378770	10.41%	0.932%
82	22.327	3284	3288	3298	rVB	548308	752015	5.68%	0.508%
83	22.451	3305	3309	3317	rVB	549256	681550	5.15%	0.461%
84	22.833	3369	3374	3378	rBV	791118	1073067	8.10%	0.726%
85	23.298	3446	3453	3463	rVB2	3209265	5831871	44.04%	3.943%
86	23.392	3464	3469	3471	rVV	667900	988314	7.46%	0.668%
87	23.445	3471	3478	3486	rVB2	5976674	11660556	88.06%	7.884%
88	24.027	3572	3577	3584	rVB	677149	1229002	9.28%	0.831%
89	24.104	3585	3590	3599	rVV2	322764	707344	5.34%	0.478%
90	24.763	3696	3702	3709	rVB	409027	813847	6.15%	0.550%
91	25.615	3841	3847	3857	rVB3	346424	854828	6.46%	0.578%

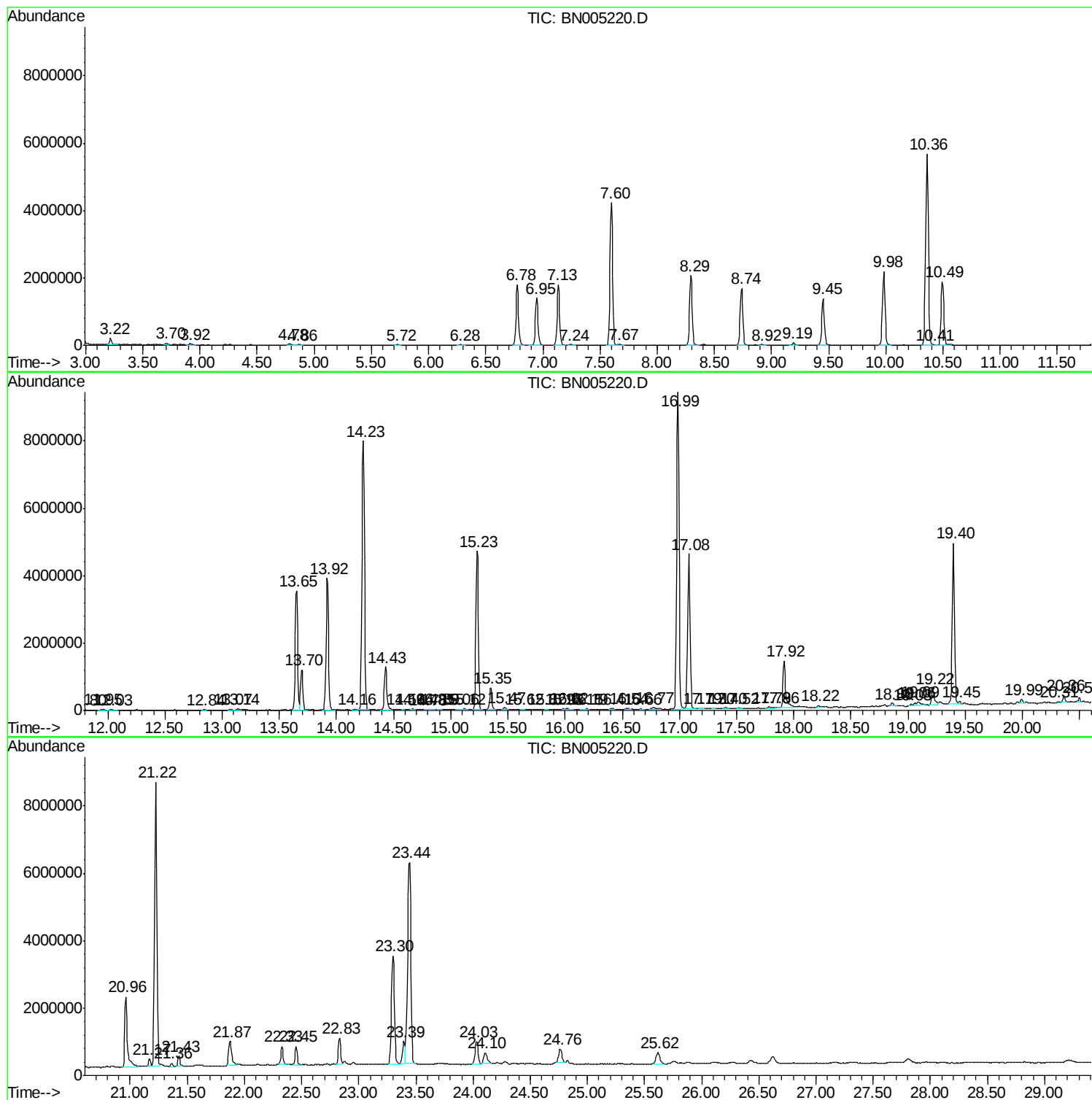
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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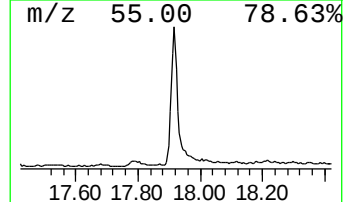
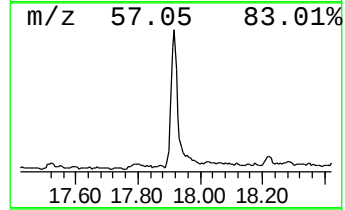
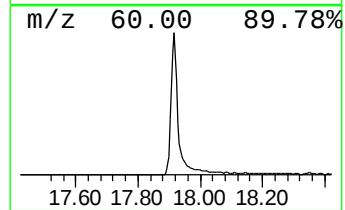
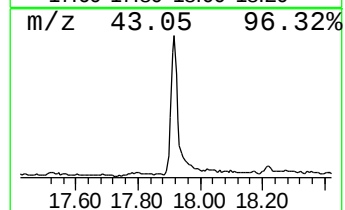
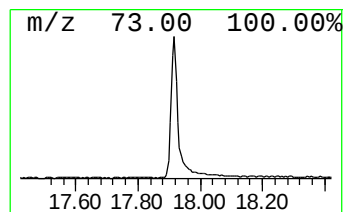
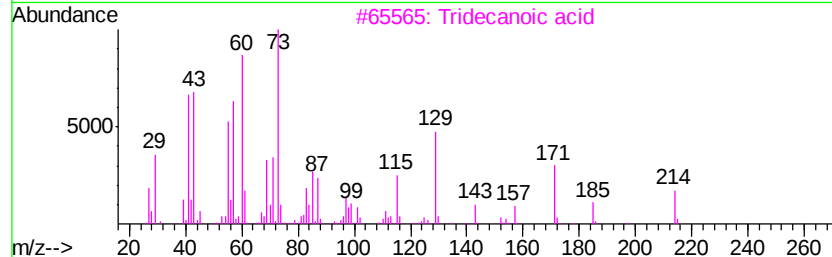
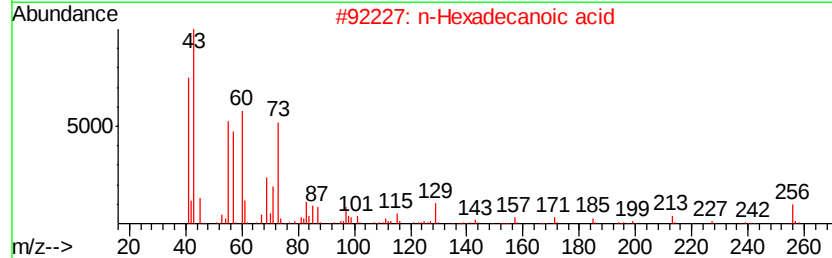
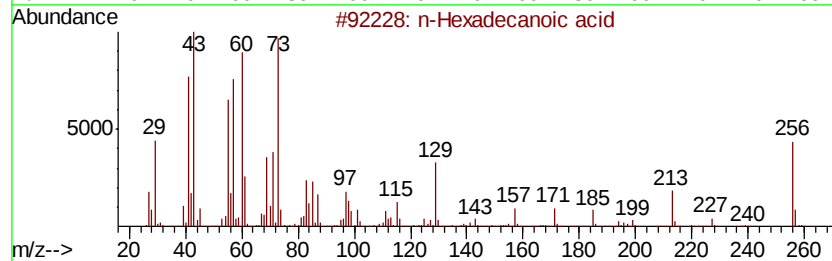
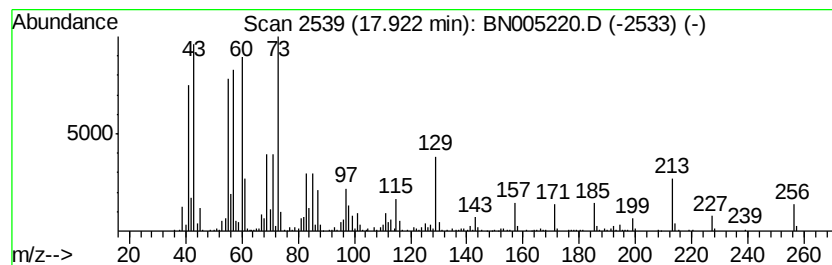
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.92	3.39 ng/ul	2244290	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
3	Tridecanoic acid		214	C13H26O2	000638-53-9	95
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	94
5	Tridecanoic acid		214	C13H26O2	000638-53-9	91



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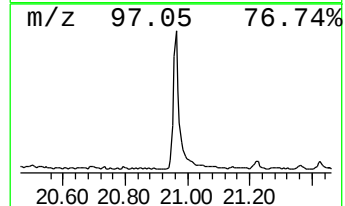
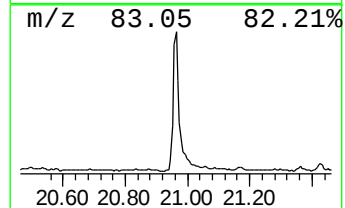
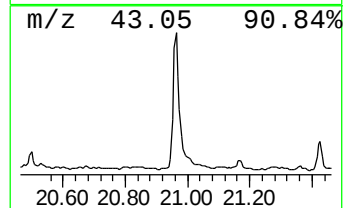
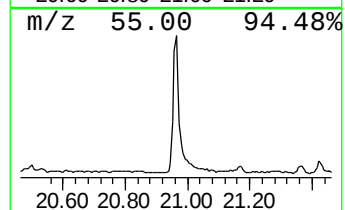
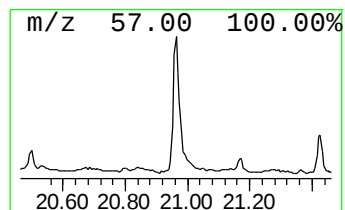
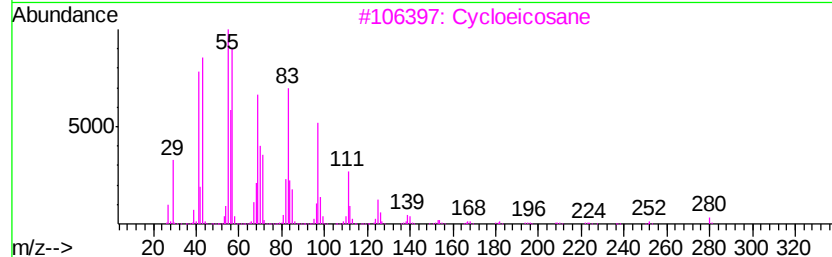
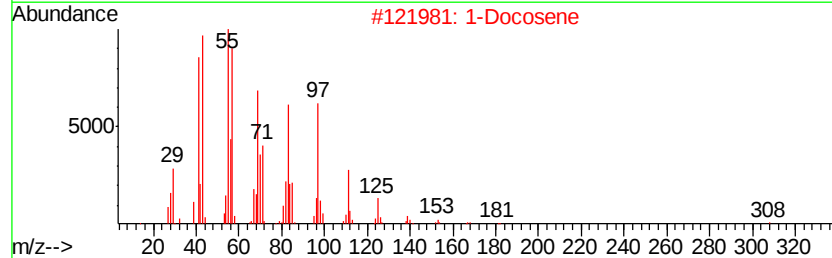
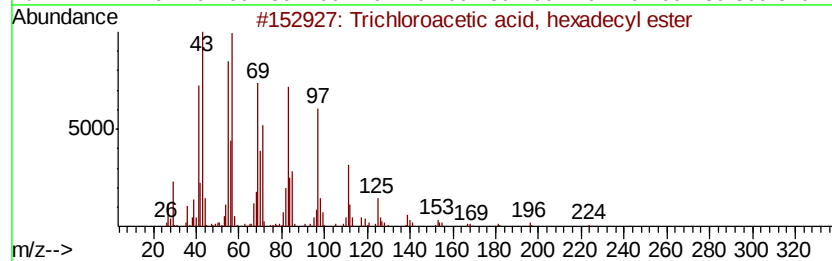
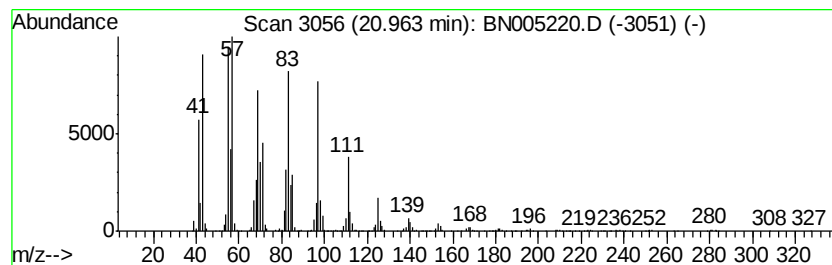
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.55 ng/ul	3234340	Chrysene-d12	21.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		Cycloeicosane	280	C20H40	000296-56-0	93
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	91



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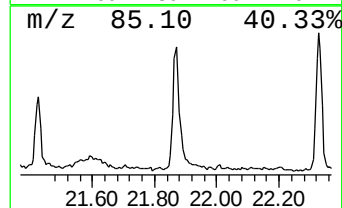
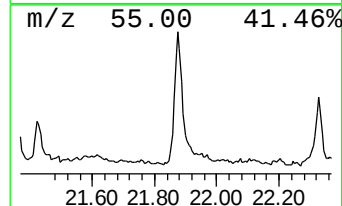
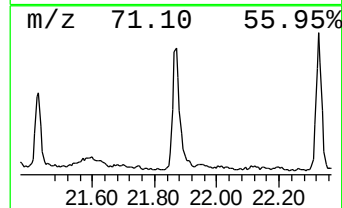
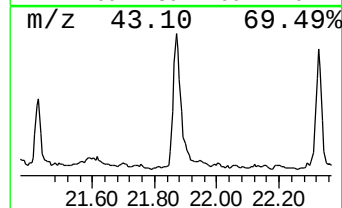
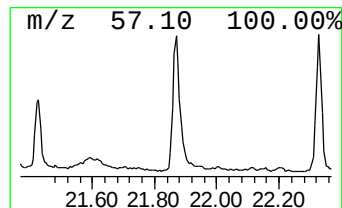
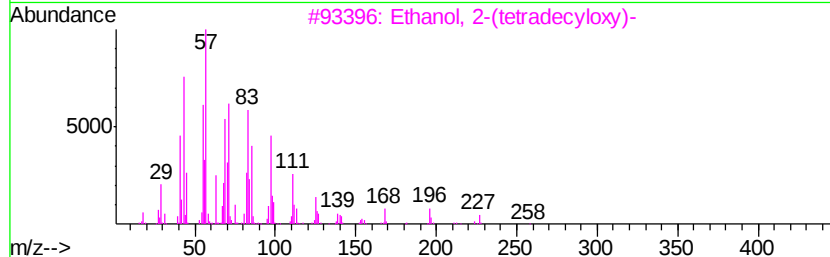
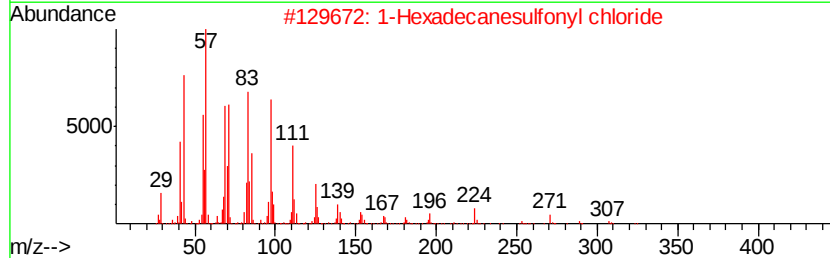
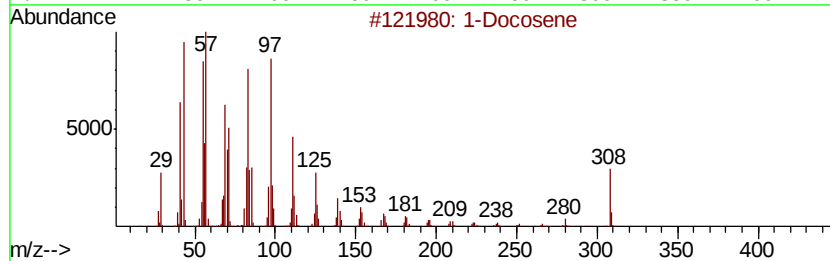
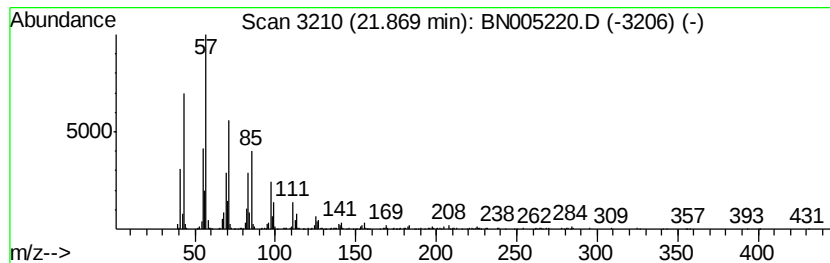
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.37 ng/ul	1378770	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	81
5		1-Docosanethiol	342	C22H46S	007773-83-3	81



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ClientSampleId :
A5125

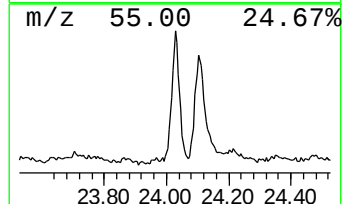
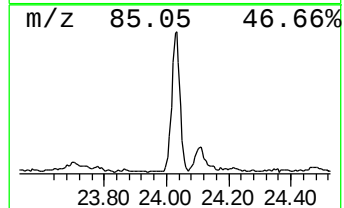
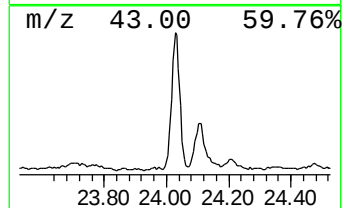
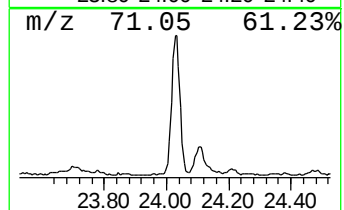
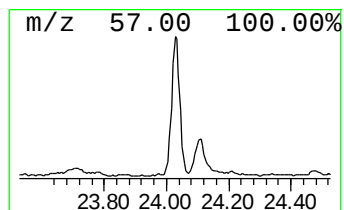
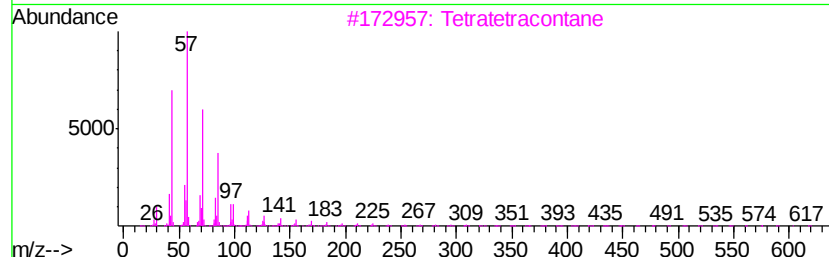
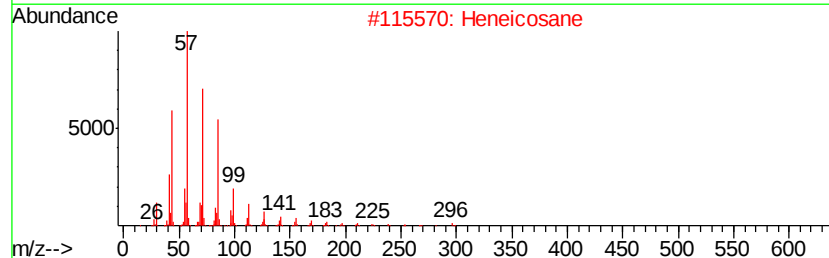
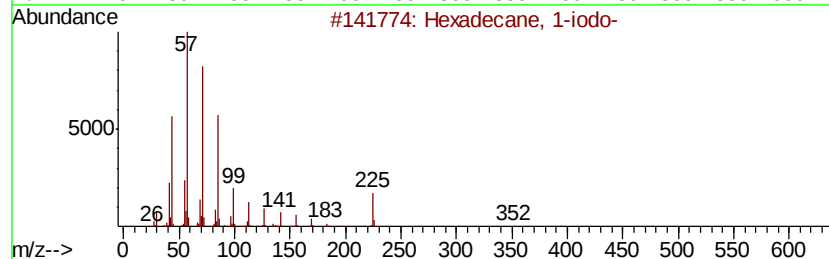
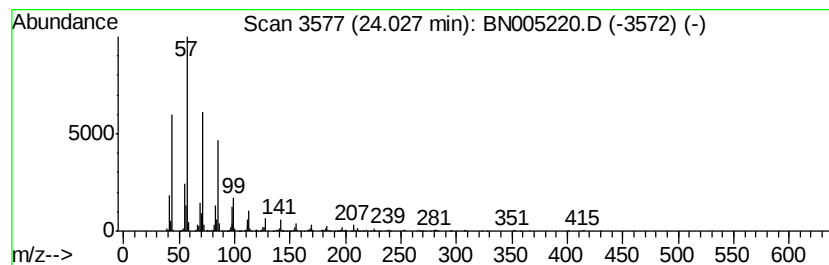
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.11 ng/ul	1229000	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005220.D
Acq On : 23 Apr 2019 18:23
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5125

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	3.4	ng/ul	2244290	4	16.99	13241900	20.0
Trichloroacetic a...	20.96	5.5	ng/ul	3234340	5	21.22	11649200	20.0
(DEL) Alkane: Str...	21.87	2.4	ng/ul	1378770	5	21.22	11649200	20.0
Hexadecane, 1-iodo-	24.03	2.1	ng/ul	1229000	6	23.45	11660600	20.0