

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
 Data File : BN005545.D
 Acq On : 08 May 2019 22:53
 Operator : JU/SJ
 Sample : K2606-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5138

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	3.211	35	38	42	rBV	37841	43769	0.67%	0.048%
2	3.699	118	121	127	rVB	52614	64611	0.99%	0.072%
3	4.775	300	304	308	rVB3	19925	33124	0.51%	0.037%
4	6.769	637	643	661	rBV	816698	1511106	23.23%	1.673%
5	6.934	665	671	682	rVB	649377	1036418	15.93%	1.147%
6	7.128	697	704	716	rVV	860379	1423833	21.89%	1.576%
7	7.222	718	720	729	rVB5	8971	14410	0.22%	0.016%
8	7.587	775	782	790	rBV	1062609	1702421	26.17%	1.885%
9	8.287	895	901	914	rBV	976038	1716046	26.38%	1.900%
10	8.399	917	920	928	rVB5	11037	19784	0.30%	0.022%
11	8.728	969	976	987	rBV	848017	1457004	22.40%	1.613%
12	9.163	1045	1050	1054	rVB2	20129	27900	0.43%	0.031%
13	9.446	1090	1098	1115	rBV	729064	1259936	19.37%	1.395%
14	9.981	1182	1189	1200	rBV	1022058	1975129	30.36%	2.186%
15	10.069	1200	1204	1221	rVB	69499	205228	3.15%	0.227%
16	10.346	1244	1251	1265	rBV	1519522	2595759	39.90%	2.873%
17	10.493	1269	1276	1284	rBV	501798	1034652	15.90%	1.145%
18	11.957	1519	1525	1533	rVB4	16350	33441	0.51%	0.037%
19	13.640	1805	1811	1815	rBV	2224601	3082412	47.38%	3.412%
20	13.687	1815	1819	1834	rVB	518655	817815	12.57%	0.905%
21	13.910	1850	1857	1872	rBV	2553754	3918732	60.24%	4.338%
22	14.140	1892	1896	1902	rVB5	7532	14932	0.23%	0.017%
23	14.222	1902	1910	1917	rBV2	2412355	3672760	56.46%	4.066%
24	14.287	1918	1921	1926	rVB2	26573	40470	0.62%	0.045%
25	14.445	1938	1948	1969	rBV	576539	1353689	20.81%	1.499%
26	14.604	1971	1975	1980	rBV3	21071	35780	0.55%	0.040%
27	15.098	2056	2059	2064	rVB4	18194	23439	0.36%	0.026%
28	15.222	2073	2080	2087	rBV	3261454	4808417	73.91%	5.323%
29	15.275	2087	2089	2098	rVV2	51786	98835	1.52%	0.109%
30	15.363	2098	2104	2115	rVV	597718	1057861	16.26%	1.171%
31	15.463	2117	2121	2127	rVB	42869	71797	1.10%	0.079%
32	15.610	2141	2146	2151	rVB3	38662	63052	0.97%	0.070%
33	15.728	2160	2166	2173	rBV9	10795	23454	0.36%	0.026%
34	15.816	2174	2181	2185	rVV8	9430	19453	0.30%	0.022%

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35	15.963	2201	2206	2209	rVV5	27956	44698	0.69%	0.049%
36	16.010	2210	2214	2220	rVB3	16252	29790	0.46%	0.033%
37	16.128	2231	2234	2239	rBV5	10875	17708	0.27%	0.020%
38	16.198	2239	2246	2255	rBV9	45329	115654	1.78%	0.128%
39	16.639	2316	2321	2327	rVV3	28201	51842	0.80%	0.057%
40	16.710	2327	2333	2339	rVV10	31922	71637	1.10%	0.079%
41	16.757	2339	2341	2344	rVV4	35124	48548	0.75%	0.054%
42	16.792	2344	2347	2355	rVB	42860	78701	1.21%	0.087%
43	16.892	2361	2364	2372	rBV6	11923	26831	0.41%	0.030%
44	16.975	2372	2378	2382	rBV2	3130358	4621622	71.04%	5.116%
45	17.016	2382	2385	2390	rVV	846691	1197065	18.40%	1.325%
46	17.075	2390	2395	2407	rVV	3581263	5326301	81.88%	5.896%
47	17.181	2409	2413	2418	rVB3	32256	54201	0.83%	0.060%
48	17.386	2438	2448	2456	rBV	94319	187002	2.87%	0.207%
49	17.504	2464	2468	2470	rBV4	31264	39024	0.60%	0.043%
50	17.563	2475	2478	2485	rVB7	18531	37992	0.58%	0.042%
51	17.775	2510	2514	2519	rBV8	17793	35309	0.54%	0.039%
52	17.851	2522	2527	2531	rBV	81808	137031	2.11%	0.152%
53	17.898	2531	2535	2542	rVV2	482249	775276	11.92%	0.858%
54	17.957	2543	2545	2549	rVB	63879	80050	1.23%	0.089%
55	18.051	2555	2561	2565	rBV3	154435	263640	4.05%	0.292%
56	18.086	2565	2567	2573	rVB	58705	76919	1.18%	0.085%
57	18.186	2580	2584	2587	rBV5	29868	47948	0.74%	0.053%
58	18.369	2610	2615	2618	rBV	76830	118268	1.82%	0.131%
59	18.410	2618	2622	2631	rVB	185400	290285	4.46%	0.321%
60	18.616	2654	2657	2661	rVB6	22746	28887	0.44%	0.032%
61	18.663	2663	2665	2669	rVB2	20654	21851	0.34%	0.024%
62	18.704	2670	2672	2676	rBV5	12709	14111	0.22%	0.016%
63	18.786	2683	2686	2690	rVB3	31879	35413	0.54%	0.039%
64	18.839	2690	2695	2697	rBV5	38955	65854	1.01%	0.073%
65	18.933	2707	2711	2717	rVB2	65757	112241	1.73%	0.124%
66	19.051	2722	2731	2739	rBV	2044151	2862720	44.01%	3.169%
67	19.151	2746	2748	2751	rVB2	21905	18958	0.29%	0.021%
68	19.192	2751	2755	2762	rBV3	119569	206264	3.17%	0.228%
69	19.269	2765	2768	2772	rBV2	50077	96235	1.48%	0.107%
70	19.386	2782	2788	2792	rBV	4117618	6505405	100.00%	7.201%
71	19.416	2792	2793	2803	rVV	1680128	1519966	23.36%	1.683%

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72	19.498	2803	2807	2812	rVB2	62776	98541	1.51%	0.109%
73	19.604	2821	2825	2831	rBV	82067	112073	1.72%	0.124%
74	19.663	2833	2835	2841	rVB	51356	67882	1.04%	0.075%
75	19.757	2845	2851	2856	rBV2	73259	180648	2.78%	0.200%
76	19.886	2869	2873	2875	rBV3	61184	101530	1.56%	0.112%
77	19.922	2876	2879	2883	rVB2	180258	248610	3.82%	0.275%
78	20.028	2893	2897	2901	rVB	132896	174009	2.67%	0.193%
79	20.080	2903	2906	2910	rVB2	74481	118080	1.82%	0.131%
80	20.345	2948	2951	2955	rVB2	58690	66988	1.03%	0.074%
81	20.686	3005	3009	3016	rVB	115107	152796	2.35%	0.169%
82	20.845	3032	3036	3040	rBV2	169336	231497	3.56%	0.256%
83	20.886	3040	3043	3046	rBV	101036	99186	1.52%	0.110%
84	20.939	3046	3052	3056	rBV3	322348	578965	8.90%	0.641%
85	21.133	3082	3085	3088	rBV	124169	145932	2.24%	0.162%
86	21.204	3090	3097	3101	rVV2	3042646	5040191	77.48%	5.579%
87	21.239	3101	3103	3115	rVB	819359	1029931	15.83%	1.140%
88	21.357	3120	3123	3125	rBV	115707	141112	2.17%	0.156%
89	21.810	3197	3200	3209	rBV3	197847	324106	4.98%	0.359%
90	22.269	3274	3278	3283	rVB	242699	317240	4.88%	0.351%
91	22.392	3296	3299	3304	rVB	142142	178757	2.75%	0.198%
92	22.757	3355	3361	3372	rVB2	894828	2260482	34.75%	2.502%
93	23.216	3434	3439	3442	rBV	345232	615945	9.47%	0.682%
94	23.269	3442	3448	3452	rVV2	2077861	3766425	57.90%	4.169%
95	23.310	3452	3455	3462	rVB2	786441	1313590	20.19%	1.454%
96	23.404	3464	3471	3477	rBV	1707372	3320415	51.04%	3.676%
97	23.939	3558	3562	3571	rVB	315413	554065	8.52%	0.613%
98	24.663	3681	3685	3691	rVB2	230432	436794	6.71%	0.484%
99	26.727	4029	4036	4047	rVB2	780417	2176449	33.46%	2.409%
100	27.274	4119	4129	4142	rVB	1648637	5965310	91.70%	6.603%

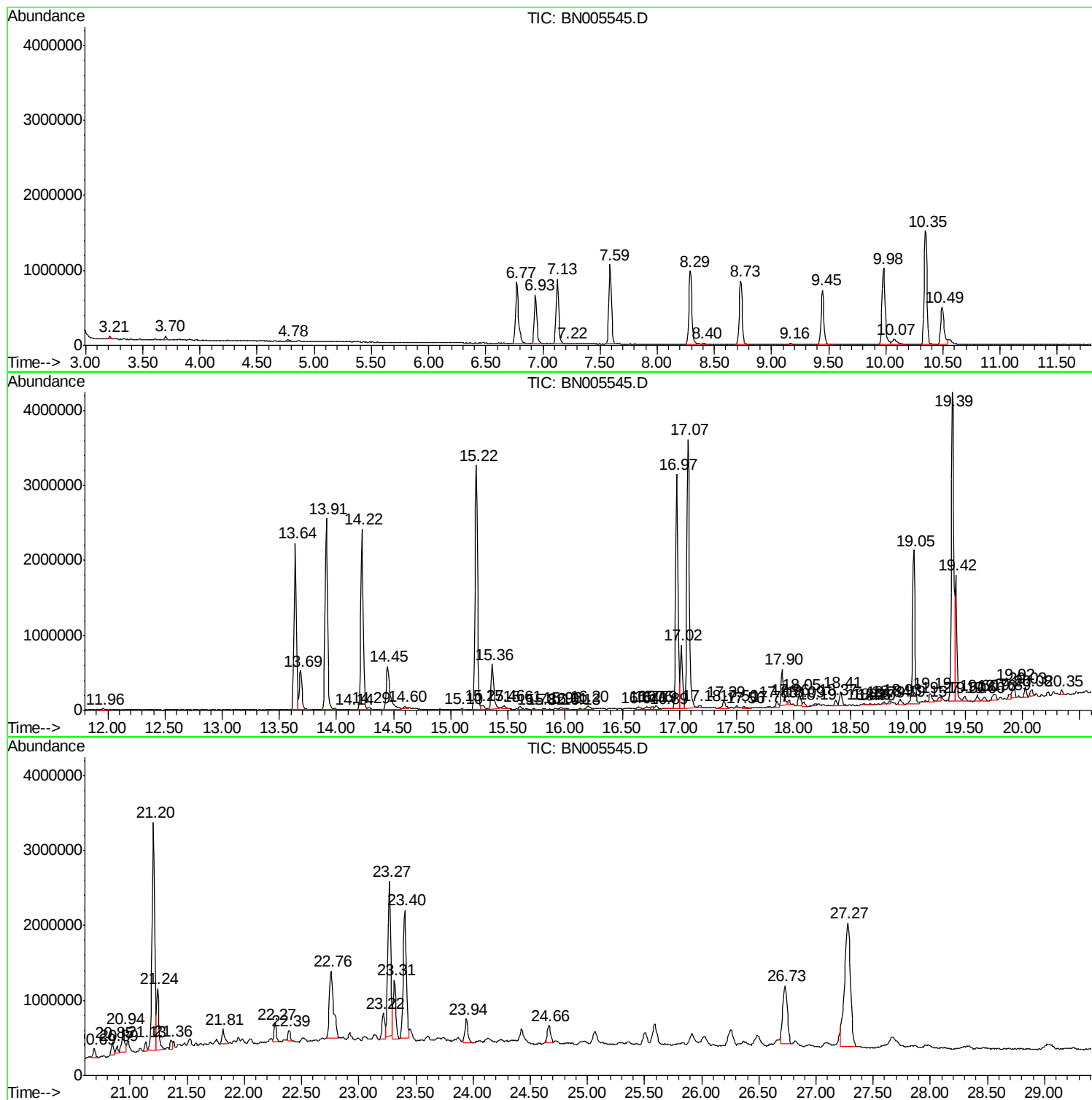
Sum of corrected areas: 90336265

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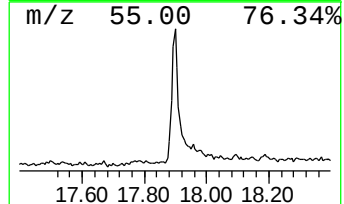
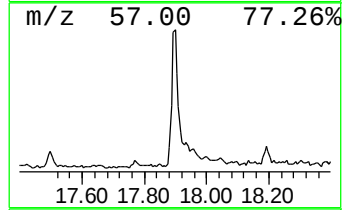
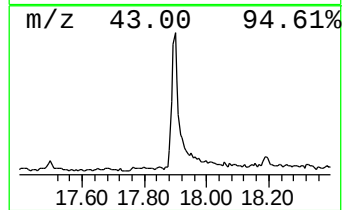
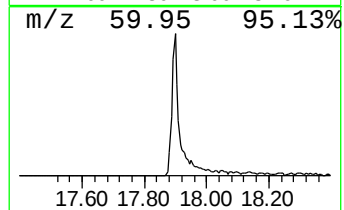
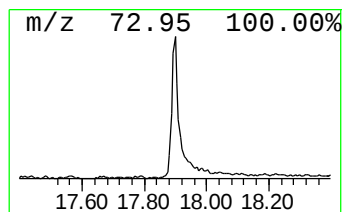
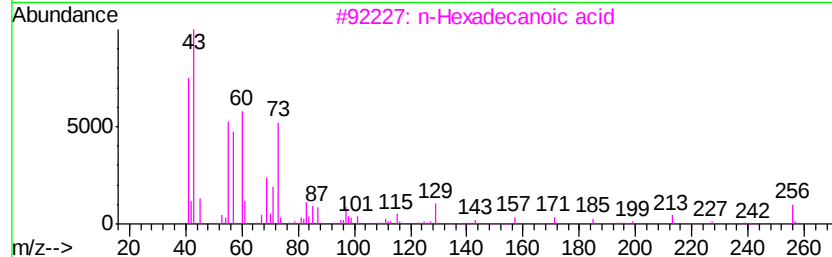
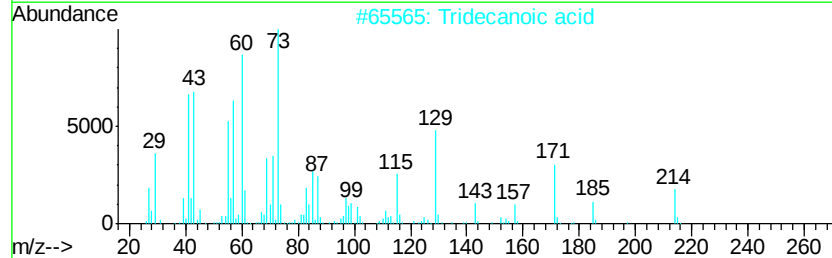
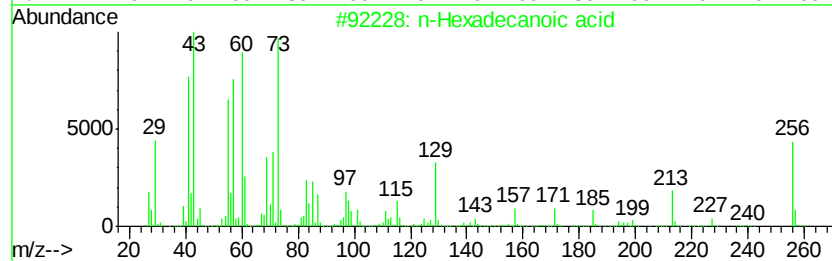
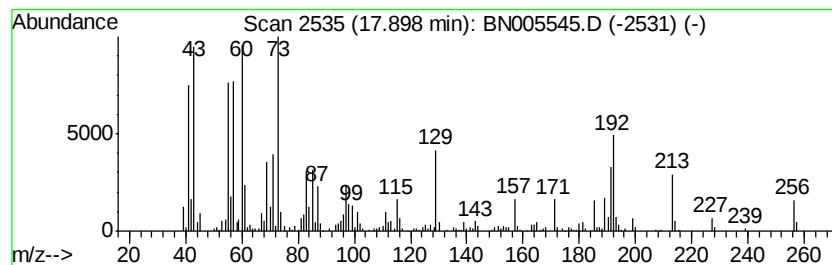
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	3.36 ng/ul	775276	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	86
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	64
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	62
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	60



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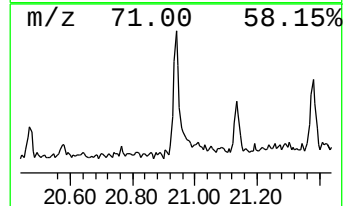
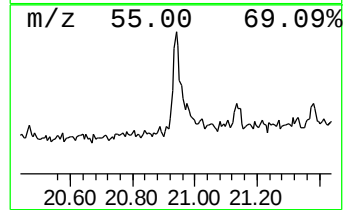
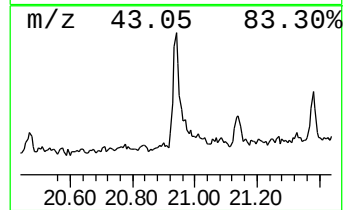
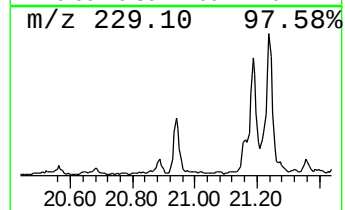
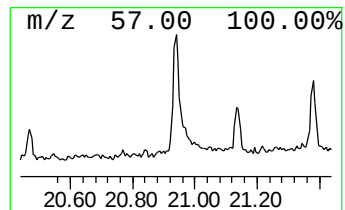
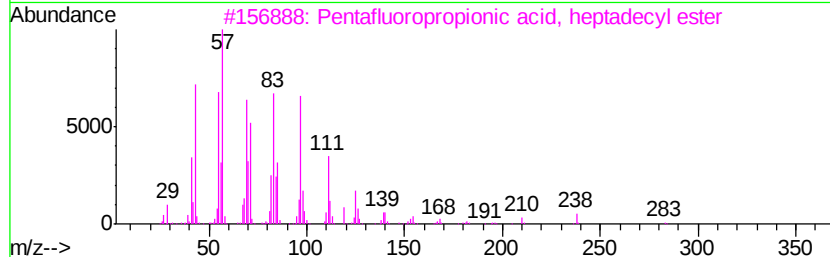
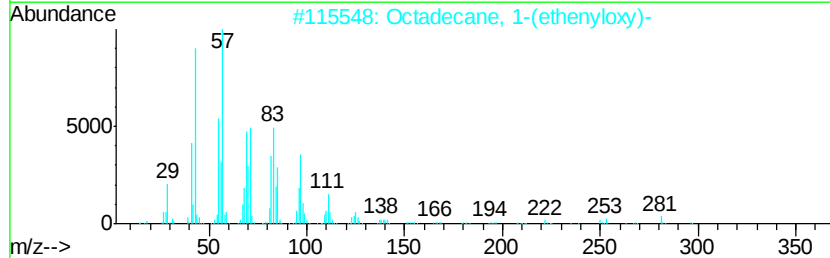
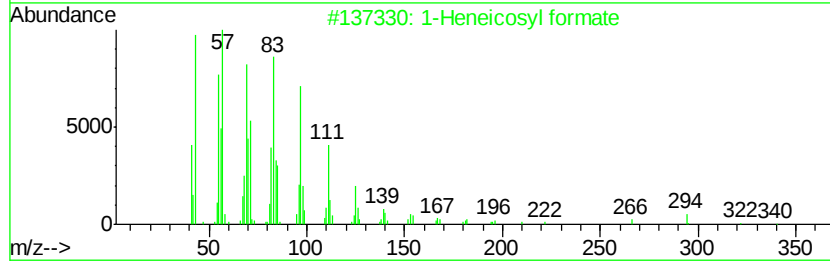
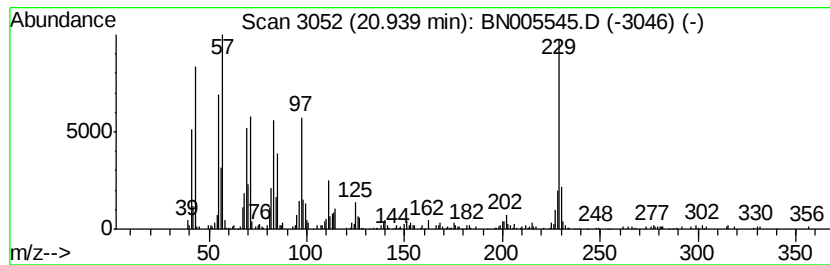
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Heneicosyl formate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.94	2.30 ng/ul	578965	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosyl formate	340	C22H44O2	077899-03-7	78
2		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	51
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	46
4		17-Pentatriacontene	491	C35H70	006971-40-0	45
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	41



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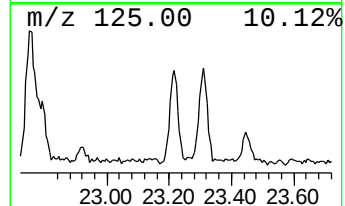
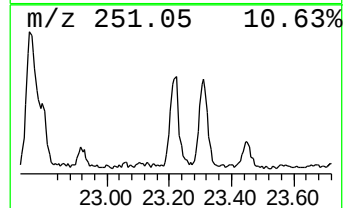
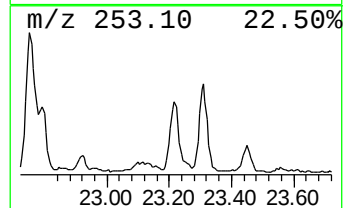
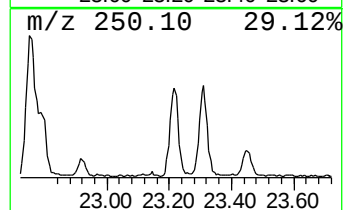
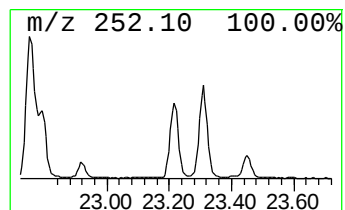
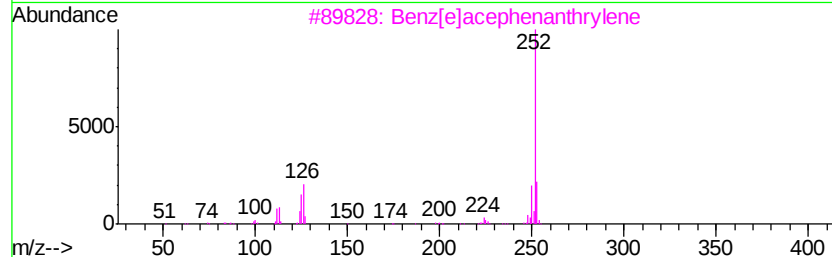
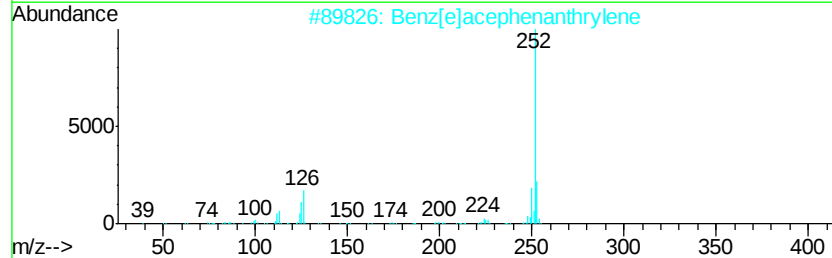
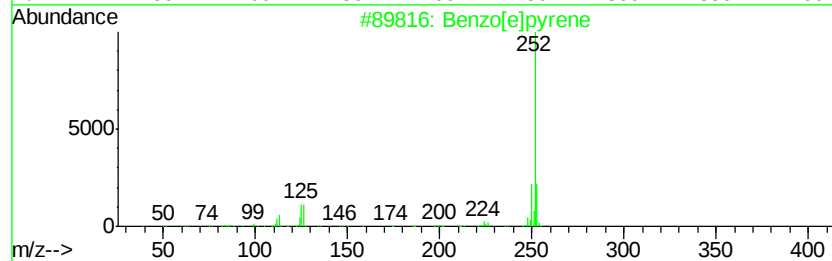
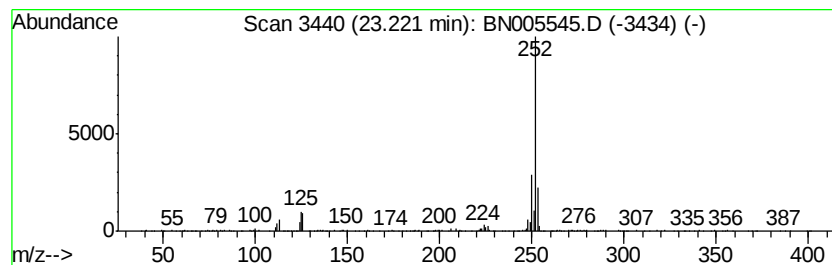
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	3.71 ng/ul	615945	Perylene-d12	23.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene		252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene		252	C20H12	000205-99-2	93
3	Benz[e]acephenanthrylene		252	C20H12	000205-99-2	93
4	Benzo[a]pyrene		252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene		252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005545.D
Acq On : 08 May 2019 22:53
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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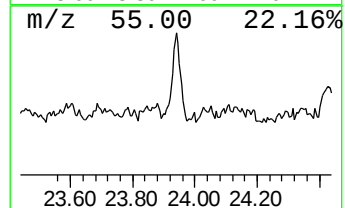
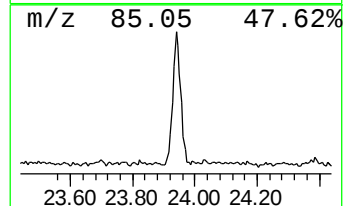
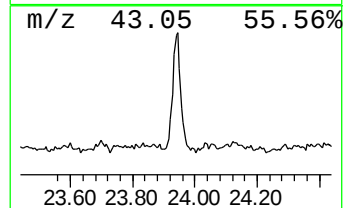
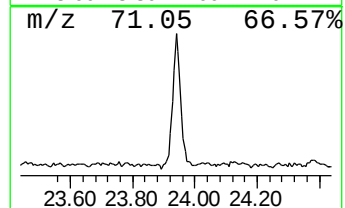
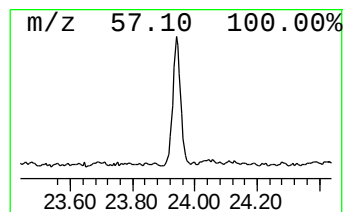
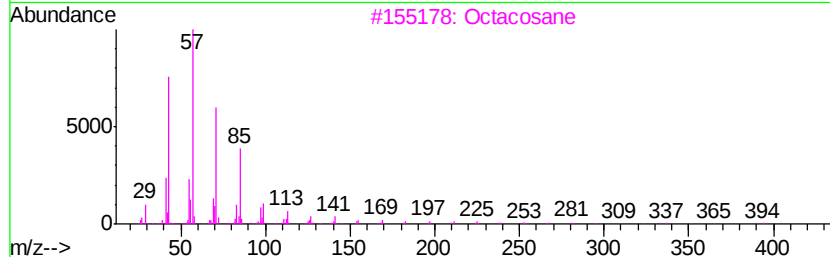
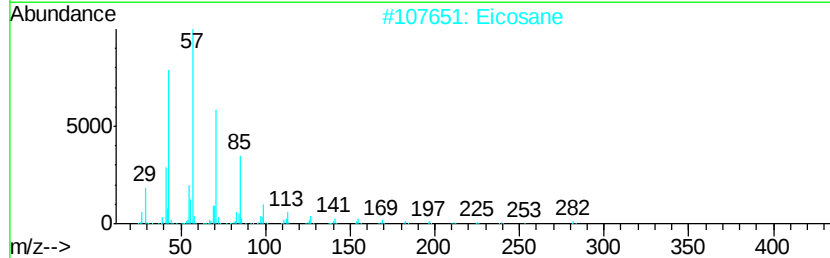
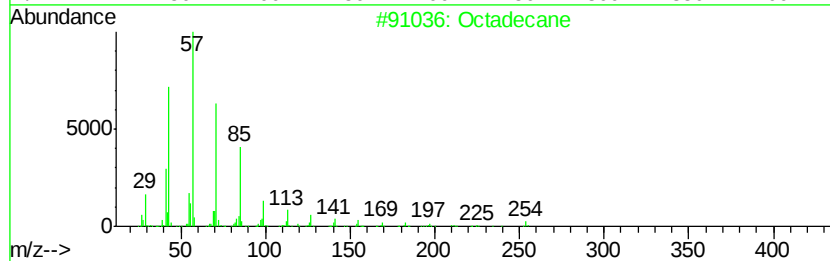
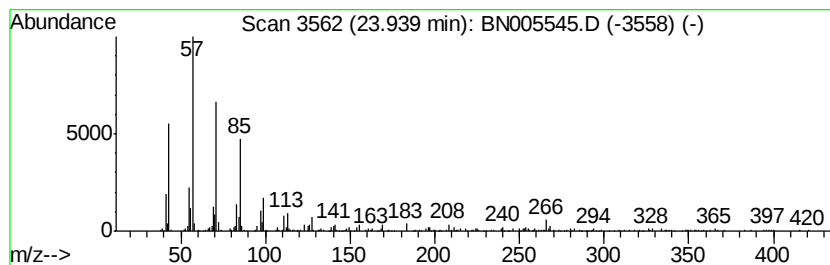
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.34 ng/ul	554065	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Eicosane	282	C20H42	000112-95-8	95
3			Octacosane	394	C28H58	000630-02-4	94
4			Octacosane	394	C28H58	000630-02-4	93
5			Tricosane, 2-methyl-	338	C24H50	001928-30-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005545.D
Acq On : 08 May 2019 22:53
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5138

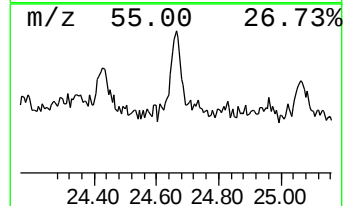
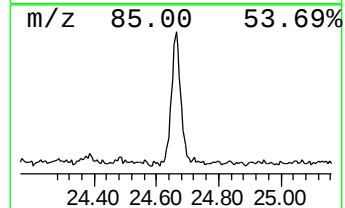
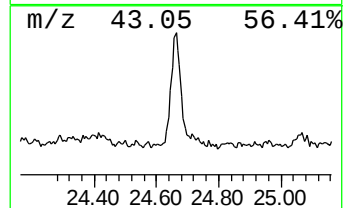
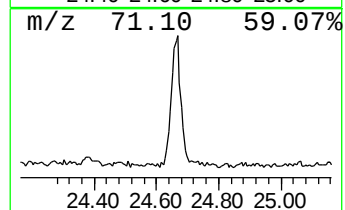
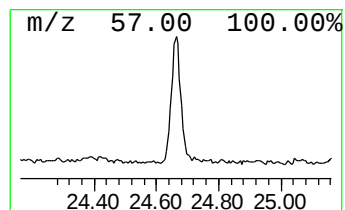
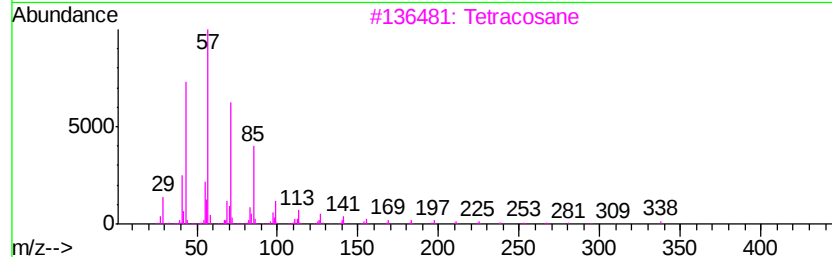
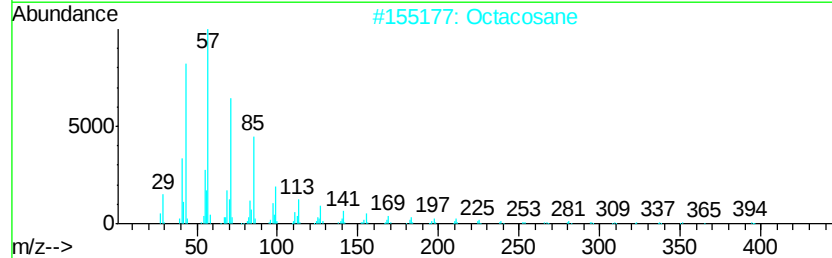
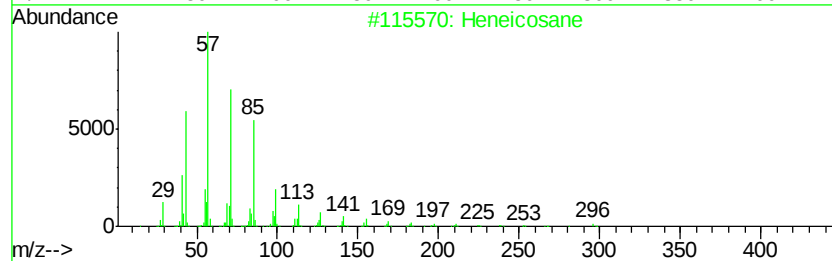
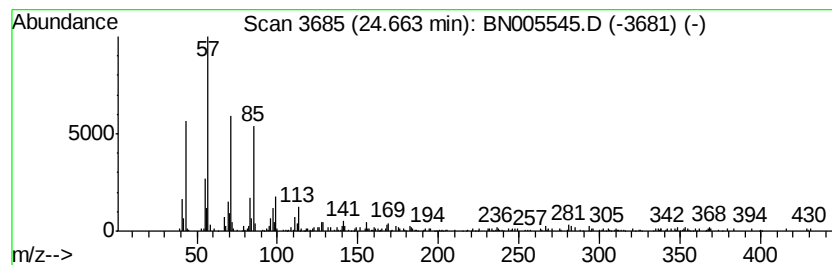
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.63 ng/ul	436794	Perylene-d12	23.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	98
2	Octacosane		394	C28H58	000630-02-4	93
3	Tetracosane		338	C24H50	000646-31-1	93
4	Tetracosane		338	C24H50	000646-31-1	93
5	Eicosane		282	C20H42	000112-95-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005545.D
Acq On : 08 May 2019 22:53
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5138

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	17.90	3.4	ng/ul	775276	4	16.97	4621620	20.0
1-Heneicosyl formate	20.94	2.3	ng/ul	578965	5	21.20	5040190	20.0
Benzo[e]pyrene	23.22	3.7	ng/ul	615945	6	23.40	3320420	20.0
(DEL) Alkane: Str...	23.94	3.3	ng/ul	554065	6	23.40	3320420	20.0
(DEL) Alkane: Str...	24.66	2.6	ng/ul	436794	6	23.40	3320420	20.0
4,4,6a,6b,8a,11,1...	26.73	13.1	ng/ul	2176450	6	23.40	3320420	20.0
4,4,6a,6b,8a,11,1...	27.27	35.9	ng/ul	5965310	6	23.40	3320420	20.0