

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002247.D
 Acq On : 08 Aug 2018 12:25
 Operator : JU/SJ
 Sample : J4268-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN071318MA.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	3.252	42	45	53	rVB	40388	54832	1.72%	0.097%
2	3.869	146	150	154	rVB3	23800	34614	1.09%	0.061%
3	3.964	162	166	178	rVB	27999	44434	1.40%	0.078%
4	6.863	653	659	674	rBV	637136	1114884	35.07%	1.967%
5	7.028	681	687	695	rBV	584545	898553	28.27%	1.585%
6	7.222	714	720	731	rVB	731161	1155605	36.35%	2.039%
7	7.687	792	799	808	rBV	928141	1485406	46.73%	2.620%
8	8.393	912	919	933	rBV	682882	1164414	36.63%	2.054%
9	8.834	987	994	1004	rBV	728169	1213821	38.19%	2.141%
10	9.551	1108	1116	1128	rBV	582747	978110	30.77%	1.725%
11	10.087	1200	1207	1218	rBV	819861	1445754	45.48%	2.550%
12	10.457	1263	1270	1277	rBV	1338481	2279579	71.71%	4.021%
13	10.510	1277	1279	1285	rVB	34851	43071	1.35%	0.076%
14	10.598	1287	1294	1313	rBV	666120	1203058	37.85%	2.122%
15	12.128	1549	1554	1560	rVB	31137	46604	1.47%	0.082%
16	13.639	1805	1811	1816	rBV2	30288	46806	1.47%	0.083%
17	13.728	1821	1826	1831	rVV	1488914	2175811	68.45%	3.838%
18	13.775	1831	1834	1844	rVB	438281	611475	19.24%	1.079%
19	14.010	1867	1874	1885	rBV	1798662	2779440	87.44%	4.903%
20	14.316	1917	1926	1933	rBV2	1798284	2794696	87.92%	4.930%
21	14.381	1933	1937	1946	rVB3	22499	42807	1.35%	0.076%
22	14.534	1958	1963	1981	rBV2	195040	455499	14.33%	0.804%
23	14.745	1997	1999	2005	rVB5	24390	31962	1.01%	0.056%
24	15.316	2089	2096	2102	rBV	2122764	3157911	99.34%	5.571%
25	15.363	2102	2104	2112	rVB2	31990	47498	1.49%	0.084%
26	15.439	2112	2117	2123	rBV	324143	464722	14.62%	0.820%
27	15.551	2130	2136	2141	rBV4	33695	60697	1.91%	0.107%
28	15.669	2150	2156	2164	rVB3	16477	34342	1.08%	0.061%
29	15.828	2173	2183	2188	rBV4	35773	67793	2.13%	0.120%
30	15.916	2195	2198	2206	rVB2	20523	35076	1.10%	0.062%
31	16.045	2212	2220	2223	rBV4	46928	90336	2.84%	0.159%
32	16.722	2331	2335	2342	rVB3	25038	43282	1.36%	0.076%
33	16.839	2350	2355	2359	rVV3	45043	65787	2.07%	0.116%
34	16.886	2359	2363	2369	rVB2	29611	42729	1.34%	0.075%

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35	16.975	2374	2378	2385	rBV3	85691	133024	4.18%	0.235%
36	17.063	2385	2393	2398	rBV2	2015827	3007428	94.61%	5.305%
37	17.104	2398	2400	2405	rVV	443728	581866	18.30%	1.026%
38	17.163	2405	2410	2421	rVB2	2117661	3178740	100.00%	5.608%
39	17.257	2421	2426	2431	rBV5	23856	40534	1.28%	0.072%
40	17.357	2440	2443	2452	rVB6	16304	35582	1.12%	0.063%
41	17.469	2459	2462	2466	rBV2	34198	41034	1.29%	0.072%
42	17.580	2477	2481	2487	rBV3	50015	90620	2.85%	0.160%
43	17.851	2521	2527	2533	rBV6	59978	134663	4.24%	0.238%
44	17.939	2533	2542	2544	rBV2	91181	153079	4.82%	0.270%
45	17.975	2544	2548	2557	rVB2	318658	601044	18.91%	1.060%
46	18.069	2562	2564	2569	rVB	29363	41418	1.30%	0.073%
47	18.133	2570	2575	2579	rBV4	125484	211995	6.67%	0.374%
48	18.269	2594	2598	2606	rBV4	74592	150661	4.74%	0.266%
49	18.445	2624	2628	2632	rVV	55287	81492	2.56%	0.144%
50	18.486	2632	2635	2642	rVB3	84294	122000	3.84%	0.215%
51	18.692	2667	2670	2675	rVB2	29915	39136	1.23%	0.069%
52	18.739	2675	2678	2682	rVV3	33084	43551	1.37%	0.077%
53	18.786	2682	2686	2689	rVB3	24722	32261	1.01%	0.057%
54	18.869	2695	2700	2704	rBV	64579	113293	3.56%	0.200%
55	18.910	2704	2707	2712	rVV5	36230	68882	2.17%	0.122%
56	19.004	2719	2723	2731	rBV2	50551	98368	3.09%	0.174%
57	19.127	2736	2744	2750	rBV	1230370	1643833	51.71%	2.900%
58	19.327	2774	2778	2780	rBV5	27833	40185	1.26%	0.071%
59	19.463	2796	2801	2804	rBV2	2203324	3132119	98.53%	5.525%
60	19.492	2804	2806	2815	rVV	1084838	1294739	40.73%	2.284%
61	19.563	2815	2818	2825	rVB3	61803	106363	3.35%	0.188%
62	19.674	2834	2837	2841	rBV	43270	55766	1.75%	0.098%
63	19.822	2857	2862	2868	rBV3	63848	161646	5.09%	0.285%
64	19.963	2881	2886	2887	rBV3	57179	88710	2.79%	0.156%
65	19.992	2888	2891	2895	rVB	132053	168466	5.30%	0.297%
66	20.092	2904	2908	2912	rBV2	104651	130062	4.09%	0.229%
67	20.151	2914	2918	2922	rVB2	91037	131265	4.13%	0.232%
68	20.292	2938	2942	2945	rBV	60642	80938	2.55%	0.143%
69	20.333	2946	2949	2954	rVB3	55070	83158	2.62%	0.147%
70	20.745	3015	3019	3025	rVB2	92281	135294	4.26%	0.239%
71	20.910	3044	3047	3050	rVB	82810	98053	3.08%	0.173%

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72	20.945	3051	3053	3057	rBV	67861	74750	2.35%	0.132%
73	20.992	3057	3061	3065	rBV3	152163	287827	9.05%	0.508%
74	21.186	3091	3094	3097	rBV	99461	99499	3.13%	0.176%
75	21.263	3100	3107	3111	rVV2	1922735	3153685	99.21%	5.563%
76	21.298	3111	3113	3124	rVB	581754	718679	22.61%	1.268%
77	21.421	3130	3134	3139	rBV2	115296	192575	6.06%	0.340%
78	21.863	3206	3209	3215	rVB3	158447	204243	6.43%	0.360%
79	22.827	3367	3373	3378	rBV	752947	1526732	48.03%	2.693%
80	22.992	3399	3401	3407	rVB	105214	154012	4.85%	0.272%
81	23.298	3448	3453	3457	rBV	299533	554022	17.43%	0.977%
82	23.351	3457	3462	3466	rVV2	1180769	2171683	68.32%	3.831%
83	23.392	3466	3469	3477	rVB	522380	890171	28.00%	1.570%
84	23.492	3479	3486	3491	rBV	1085882	2047213	64.40%	3.611%
85	24.021	3571	3576	3587	rVB	396055	771312	24.26%	1.361%
86	25.709	3857	3863	3873	rVB3	272645	766822	24.12%	1.353%
87	26.392	3975	3979	3991	rVB2	195865	510572	16.06%	0.901%

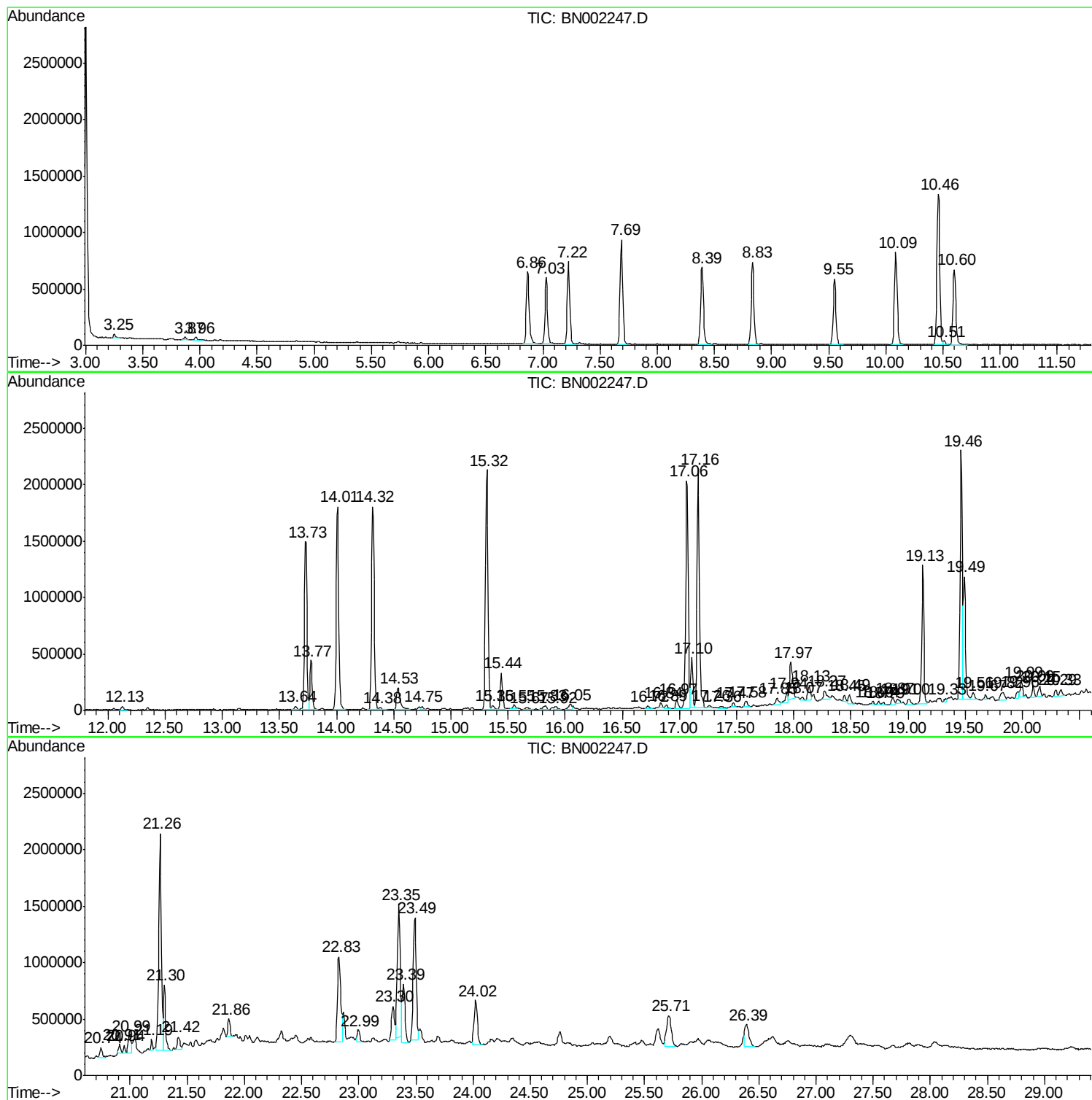
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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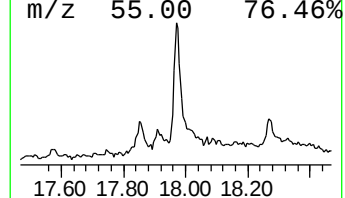
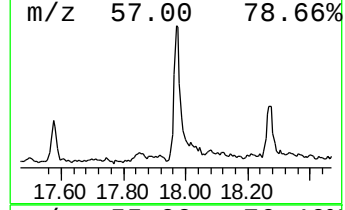
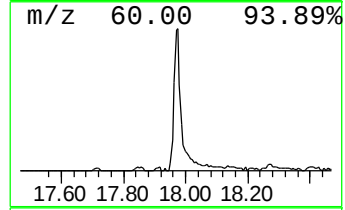
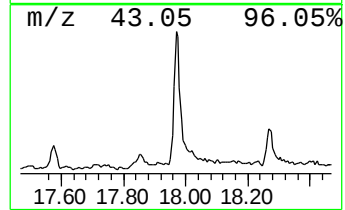
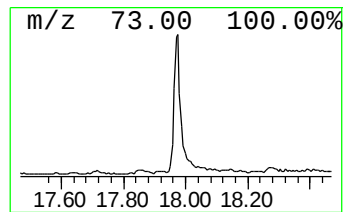
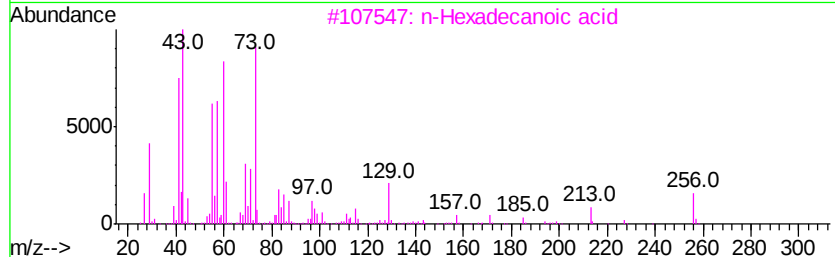
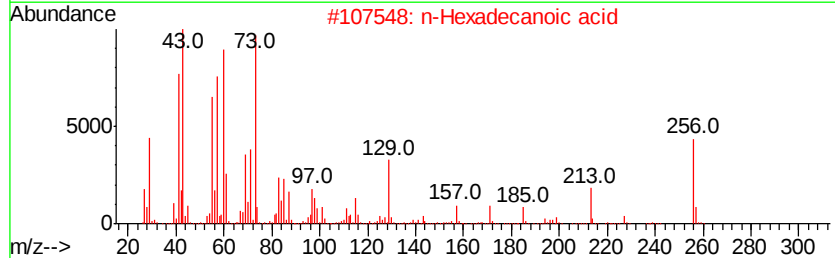
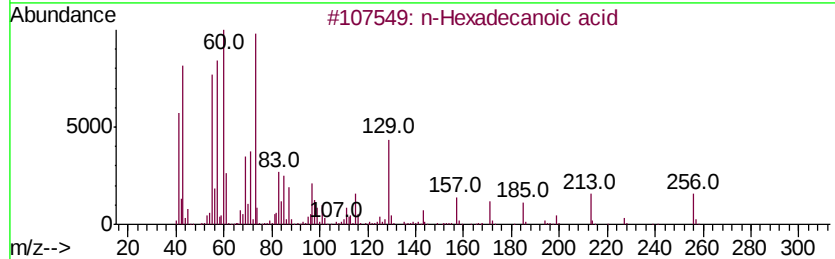
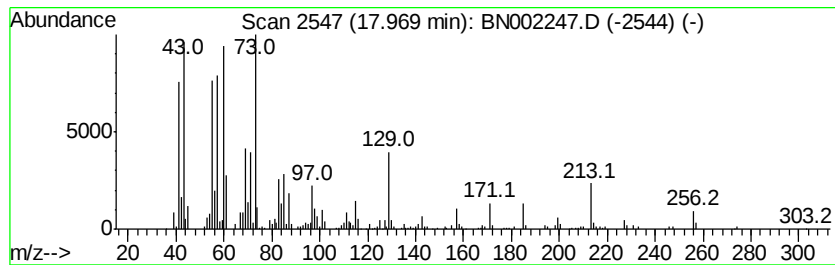
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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.		
17.97	4.00 ng/ul	601044	Phenanthrene-d10	17.06		
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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91	



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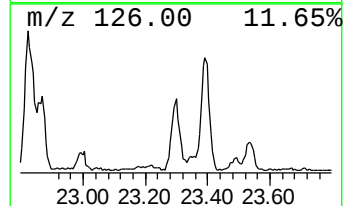
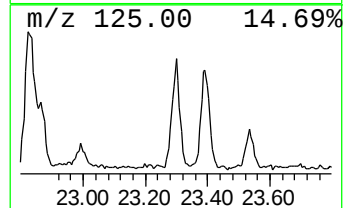
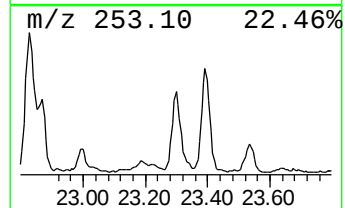
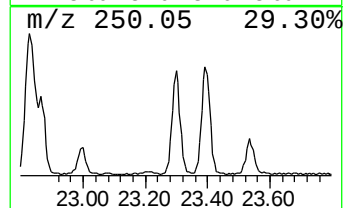
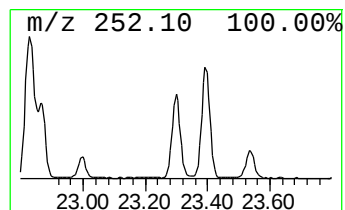
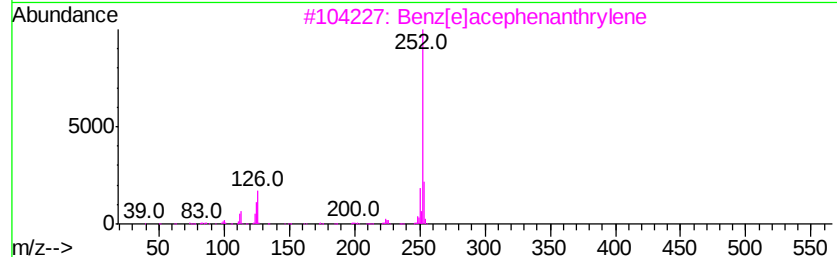
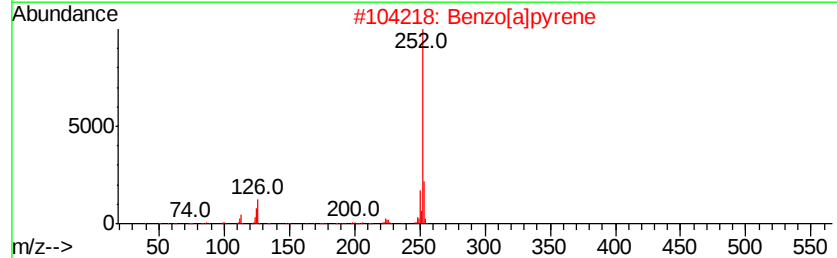
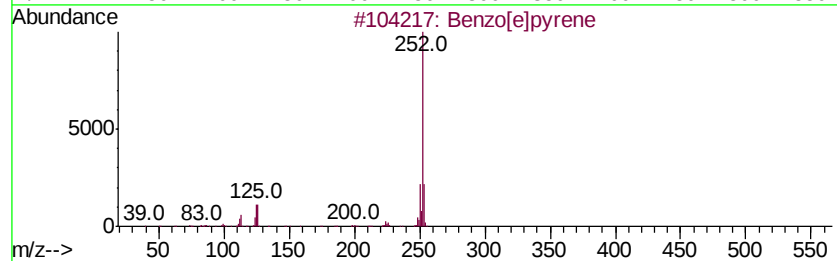
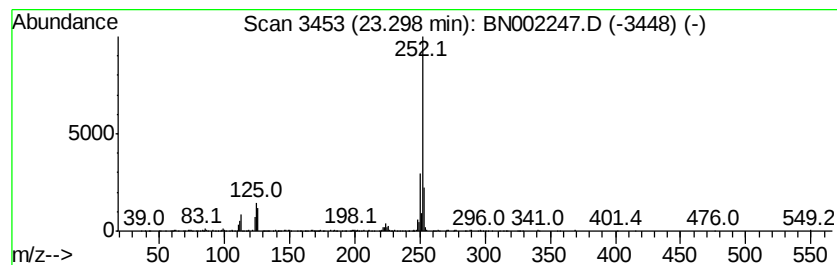
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	5.41 ng/ul	554022	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Perylene	252	C20H12	000198-55-0	89



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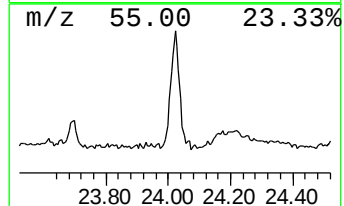
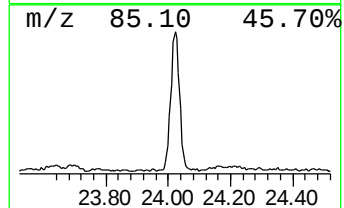
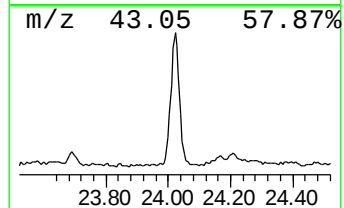
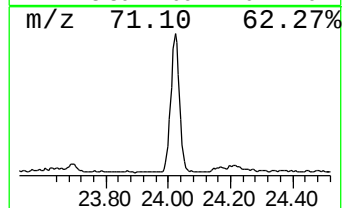
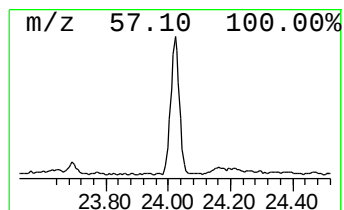
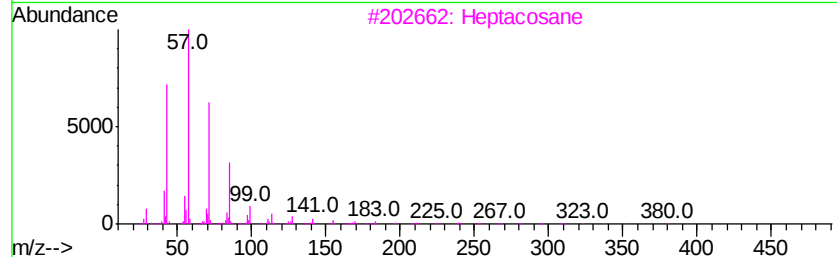
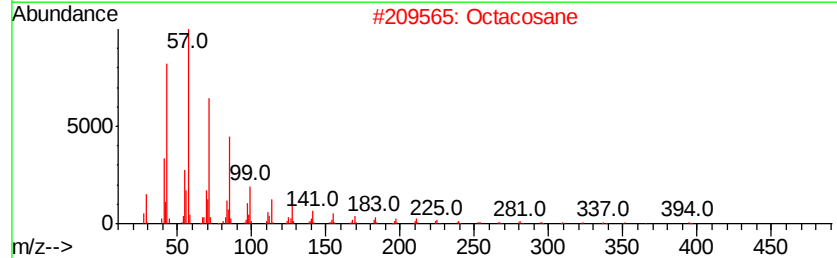
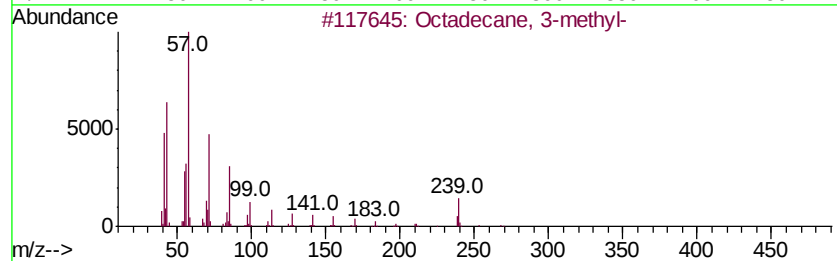
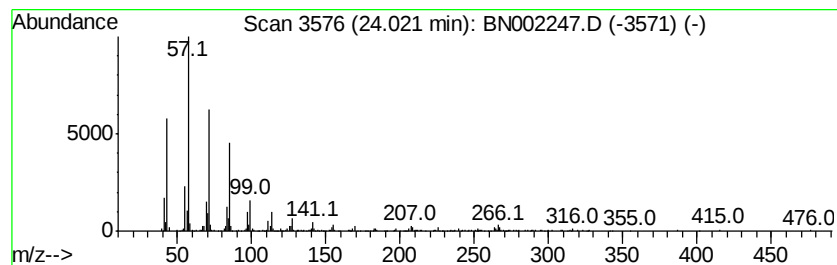
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	7.54 ng/ul	771312	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 3-methyl-	268	C19H40	006561-44-0	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Octacosane	394	C28H58	000630-02-4	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	4.0	ng/ul	601044	4	17.06	3007430	20.0
Benzo[e]pyrene	23.30	5.4	ng/ul	554022	6	23.49	2047210	20.0
(DEL) Alkane: Str...	24.02	7.5	ng/ul	771312	6	23.49	2047210	20.0