

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000650.D
 Acq On : 27 Mar 2018 17:02
 Operator : JU/SJ
 Sample : J2060-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS5

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.584	20	25	33	rVB	29628	45288	1.23%	0.094%
2	4.408	160	165	173	rVB	19955	33340	0.91%	0.070%
3	5.402	328	334	343	rVB2	34179	64902	1.76%	0.135%
4	7.549	693	699	714	rBV	445895	786550	21.36%	1.640%
5	7.714	720	727	736	rBV	445498	695267	18.88%	1.450%
6	7.931	757	764	772	rBV	408115	667163	18.12%	1.391%
7	8.408	838	845	855	rBV	590625	956243	25.97%	1.994%
8	9.119	959	966	980	rVV	637948	1074653	29.18%	2.241%
9	9.590	1038	1046	1057	rVB	496372	836040	22.70%	1.743%
10	10.319	1163	1170	1179	rBV	284191	479532	13.02%	1.000%
11	10.866	1255	1263	1277	rBV	468677	810689	22.01%	1.690%
12	11.249	1320	1328	1334	rBV	855285	1475361	40.06%	3.076%
13	11.296	1334	1336	1342	rVB	39291	51535	1.40%	0.107%
14	11.372	1342	1349	1366	rBV	597981	1068516	29.02%	2.228%
15	12.878	1598	1605	1613	rVB	36589	53168	1.44%	0.111%
16	13.096	1637	1642	1647	rBV	21100	31216	0.85%	0.065%
17	13.819	1760	1765	1769	rBV	23335	32591	0.88%	0.068%
18	14.413	1860	1866	1871	rVV	1199331	1683688	45.72%	3.510%
19	14.460	1871	1874	1879	rVV	270467	360466	9.79%	0.752%
20	14.725	1913	1919	1931	rBV	1381786	2077334	56.41%	4.331%
21	14.878	1939	1945	1950	rVB	74982	95844	2.60%	0.200%
22	15.025	1964	1970	1977	rVV2	1232531	1963227	53.31%	4.093%
23	15.090	1977	1981	1987	rVB	91895	130149	3.53%	0.271%
24	15.231	1996	2005	2013	rBV2	60489	119594	3.25%	0.249%
25	15.419	2032	2037	2043	rVB	28666	45168	1.23%	0.094%
26	15.484	2043	2048	2052	rBV2	19526	27899	0.76%	0.058%
27	15.819	2100	2105	2110	rVB	93918	123229	3.35%	0.257%
28	16.007	2131	2137	2143	rBV	1684544	2483524	67.44%	5.178%
29	16.060	2143	2146	2153	rVB2	33537	53132	1.44%	0.111%
30	16.131	2153	2158	2165	rBV	57906	89993	2.44%	0.188%
31	16.219	2165	2173	2185	rVV5	30213	89453	2.43%	0.187%
32	16.672	2245	2250	2257	rBV	80435	142476	3.87%	0.297%
33	17.454	2379	2383	2389	rVV2	43641	62853	1.71%	0.131%
34	17.572	2400	2403	2408	rVV	26603	37024	1.01%	0.077%

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35	17.754	2427	2434	2438	rVV	1586128	2293733	62.29%	4.782%
36	17.795	2438	2441	2445	rVV	539949	713514	19.38%	1.488%
37	17.848	2445	2450	2462	rVV2	1736155	2859681	77.65%	5.962%
38	17.948	2462	2467	2472	rVB	21157	35701	0.97%	0.074%
39	18.148	2492	2501	2505	rBV2	92252	150121	4.08%	0.313%
40	18.189	2505	2508	2515	rVB2	22951	29575	0.80%	0.062%
41	18.613	2573	2580	2584	rBV	85660	159943	4.34%	0.333%
42	18.660	2584	2588	2594	rVV	109089	164499	4.47%	0.343%
43	18.742	2597	2602	2606	rVB2	28079	39859	1.08%	0.083%
44	18.813	2607	2614	2617	rBV3	84332	154547	4.20%	0.322%
45	18.842	2617	2619	2622	rVB2	28444	29159	0.79%	0.061%
46	18.954	2634	2638	2643	rVV3	19012	32408	0.88%	0.068%
47	19.095	2658	2662	2667	rVV	49403	67923	1.84%	0.142%
48	19.148	2667	2671	2676	rVV3	20938	31977	0.87%	0.067%
49	19.342	2696	2704	2707	rBV4	19744	32659	0.89%	0.068%
50	19.507	2725	2732	2735	rBV2	37866	71761	1.95%	0.150%
51	19.654	2751	2757	2762	rBV3	25282	49997	1.36%	0.104%
52	19.778	2768	2778	2783	rBV	1025223	1450953	39.40%	3.025%
53	19.866	2788	2793	2799	rVV3	28768	46529	1.26%	0.097%
54	19.995	2811	2815	2817	rBV	32583	40939	1.11%	0.085%
55	20.019	2817	2819	2822	rVB	24177	28621	0.78%	0.060%
56	20.107	2827	2834	2837	rVV	2236075	3321505	90.19%	6.925%
57	20.136	2837	2839	2845	rVV	994688	1100519	29.88%	2.295%
58	20.195	2845	2849	2855	rVB2	54709	72928	1.98%	0.152%
59	20.301	2864	2867	2872	rVB	59103	80557	2.19%	0.168%
60	20.378	2872	2880	2885	rBV2	50570	102738	2.79%	0.214%
61	20.442	2885	2891	2898	rBV4	64358	152702	4.15%	0.318%
62	20.507	2898	2902	2907	rBV	33546	46629	1.27%	0.097%
63	20.583	2907	2915	2916	rBV5	53925	99628	2.71%	0.208%
64	20.613	2916	2920	2927	rVB2	181407	269343	7.31%	0.562%
65	20.713	2932	2937	2941	rVV2	132428	177573	4.82%	0.370%
66	20.772	2941	2947	2951	rVV2	105350	197882	5.37%	0.413%
67	20.807	2951	2953	2956	rVV2	37248	39138	1.06%	0.082%
68	20.842	2956	2959	2964	rVB4	29516	45494	1.24%	0.095%
69	20.913	2967	2971	2974	rVV	52773	75597	2.05%	0.158%
70	20.960	2975	2979	2985	rVV2	86632	147334	4.00%	0.307%
71	21.066	2995	2997	3001	rVB3	30023	35305	0.96%	0.074%

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72	21.195	3015	3019	3022	rBV5	32611	53926	1.46%	0.112%
73	21.307	3035	3038	3042	rBV2	27366	38008	1.03%	0.079%
74	21.354	3042	3046	3052	rVV	93789	139849	3.80%	0.292%
75	21.519	3069	3074	3077	rBV	144578	212983	5.78%	0.444%
76	21.554	3077	3080	3084	rVV	110767	151056	4.10%	0.315%
77	21.595	3084	3087	3092	rVV2	131005	215416	5.85%	0.449%
78	21.648	3092	3096	3105	rVB2	102174	178637	4.85%	0.372%
79	21.754	3108	3114	3120	rBV2	45194	108955	2.96%	0.227%
80	21.872	3123	3134	3138	rBV2	1862946	3682627	100.00%	7.678%
81	21.913	3138	3141	3149	rVB	714754	961617	26.11%	2.005%
82	22.042	3159	3163	3168	rBV	107580	162102	4.40%	0.338%
83	22.095	3169	3172	3176	rVV2	74283	127717	3.47%	0.266%
84	22.154	3180	3182	3186	rVB	69957	85258	2.32%	0.178%
85	22.213	3187	3192	3197	rVV2	132577	190245	5.17%	0.397%
86	22.466	3228	3235	3239	rVV3	124046	244236	6.63%	0.509%
87	22.519	3242	3244	3251	rVB	68415	97974	2.66%	0.204%
88	22.689	3269	3273	3276	rBV3	55622	94054	2.55%	0.196%
89	22.789	3286	3290	3296	rVB	62580	95023	2.58%	0.198%
90	22.948	3314	3317	3321	rVB	44442	52185	1.42%	0.109%
91	23.507	3407	3412	3420	rVB3	101413	194973	5.29%	0.407%
92	23.601	3421	3428	3433	rBV	493720	1240726	33.69%	2.587%
93	23.789	3455	3460	3466	rVB	104909	192103	5.22%	0.401%
94	24.136	3513	3519	3523	rBV	344658	664732	18.05%	1.386%
95	24.195	3523	3529	3534	rVV2	964002	1990247	54.04%	4.150%
96	24.242	3534	3537	3546	rVB	432474	774957	21.04%	1.616%
97	24.354	3548	3556	3562	rBV	801993	1727956	46.92%	3.603%
98	24.860	3637	3642	3654	rVB4	83793	222938	6.05%	0.465%
99	26.901	3982	3989	4001	rVB	168206	517510	14.05%	1.079%
100	27.695	4118	4124	4134	rVB2	109394	347714	9.44%	0.725%

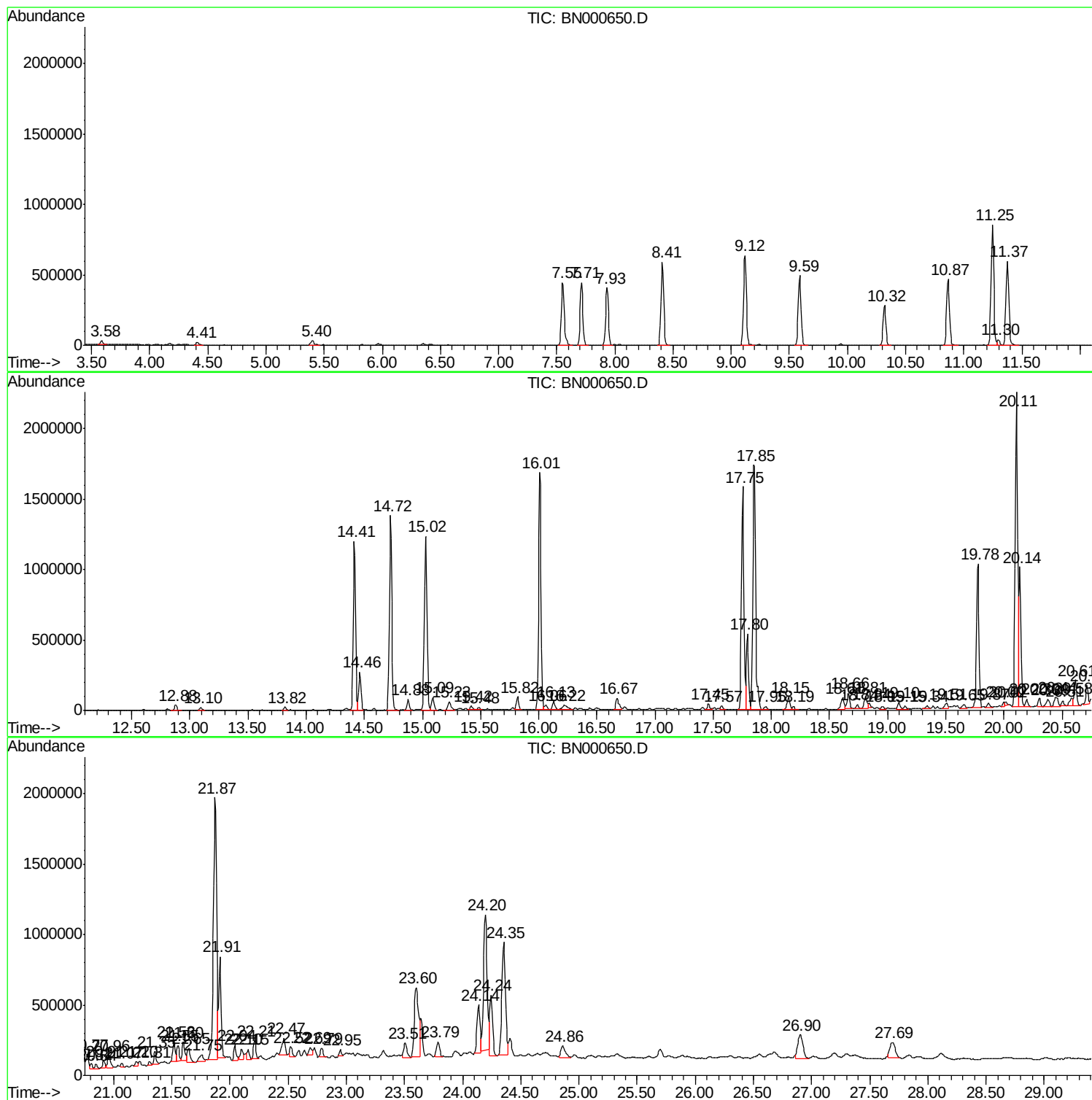
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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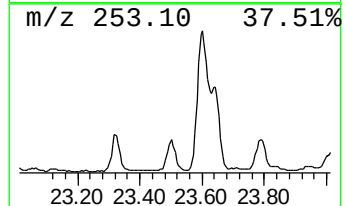
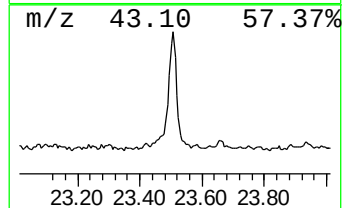
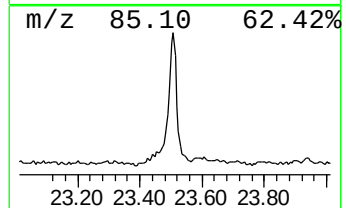
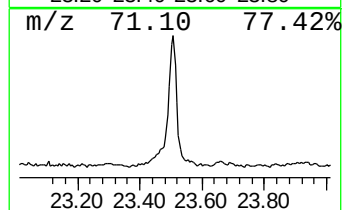
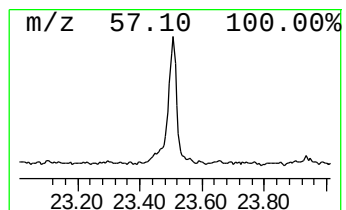
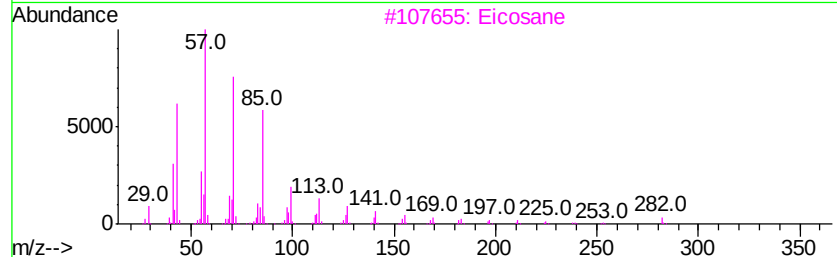
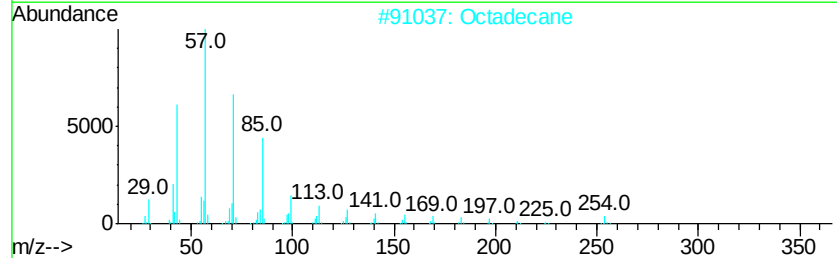
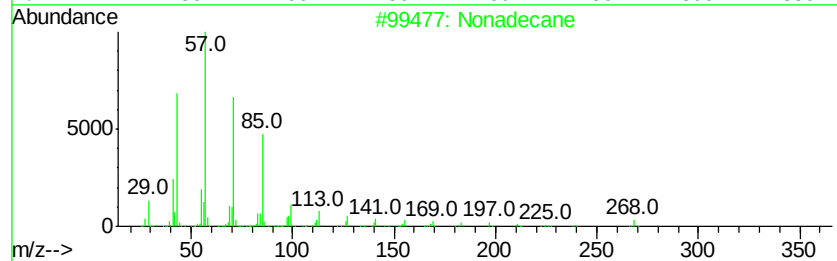
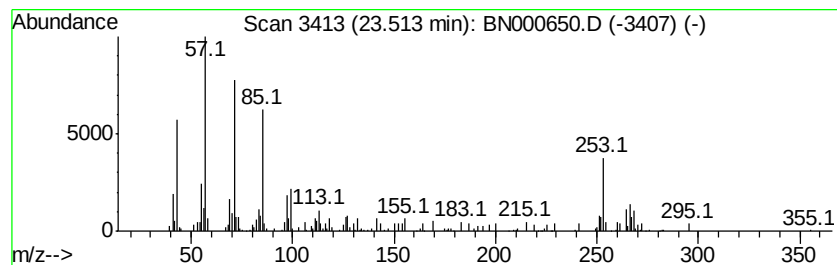
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	2.26 ng/ul	194973	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Octadecane	254	C18H38	000593-45-3	95
3			Eicosane	282	C20H42	000112-95-8	86
4			Octadecane	254	C18H38	000593-45-3	86
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	81



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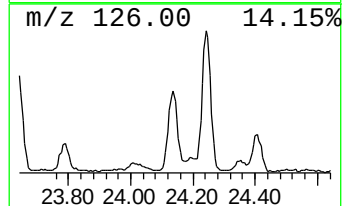
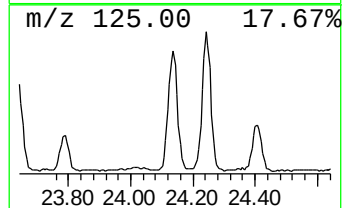
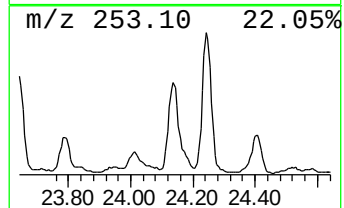
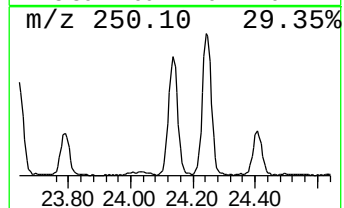
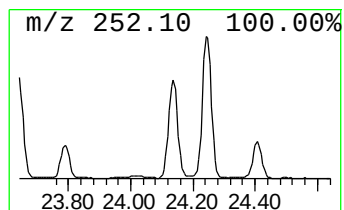
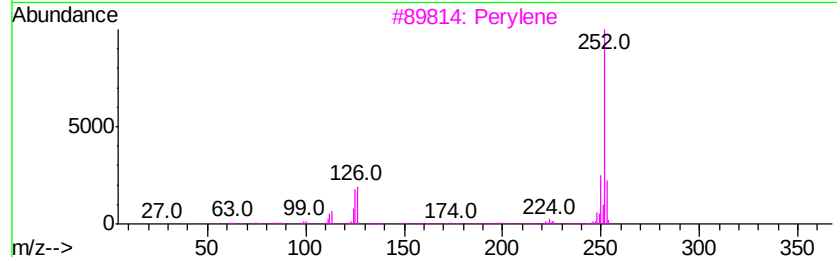
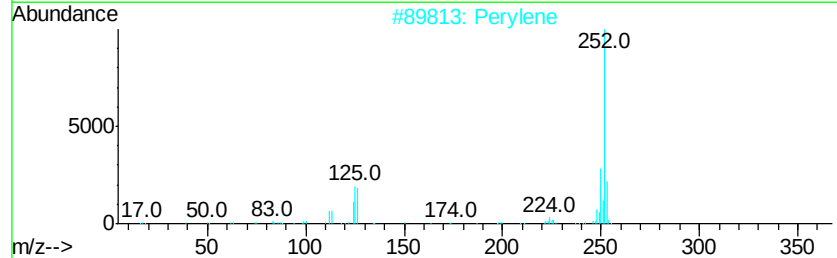
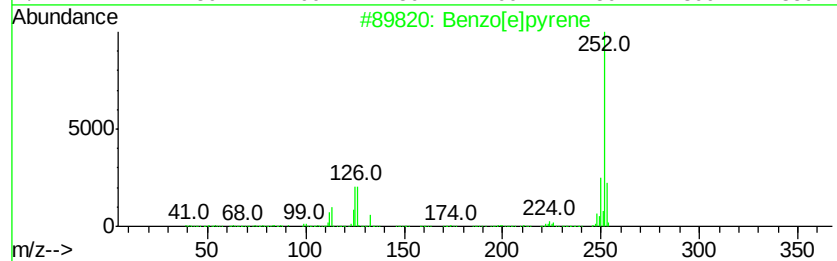
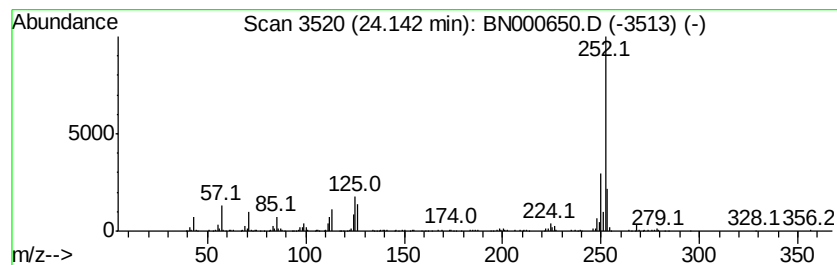
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	7.69 ng/ul	664732	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	98
3		Perylene	252	C20H12	000198-55-0	98
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
5		Benzo[e]pyrene	252	C20H12	000192-97-2	97



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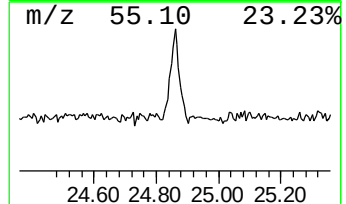
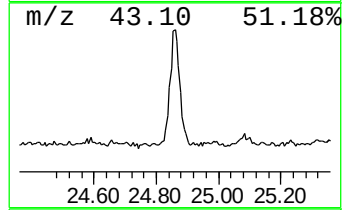
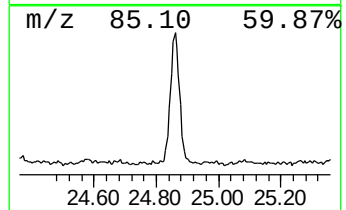
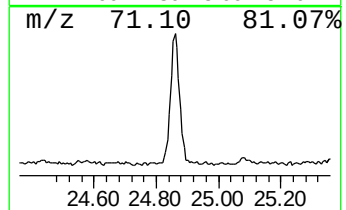
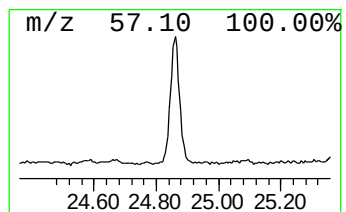
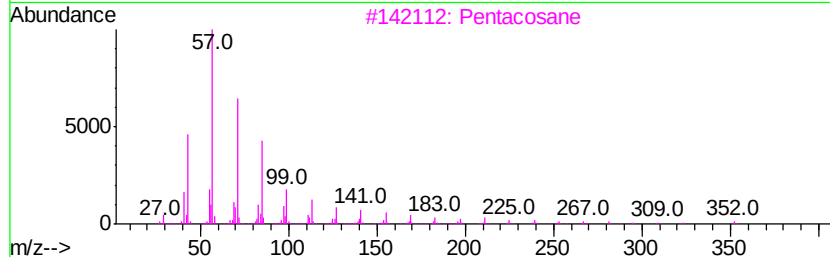
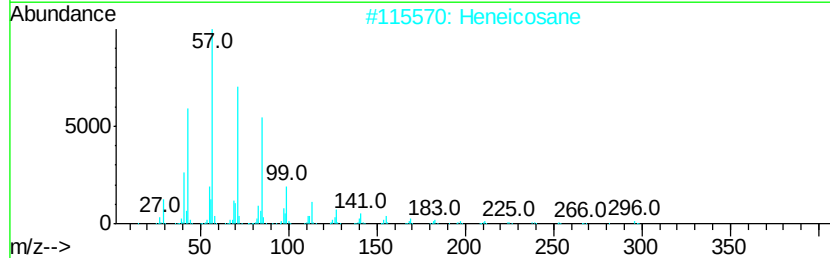
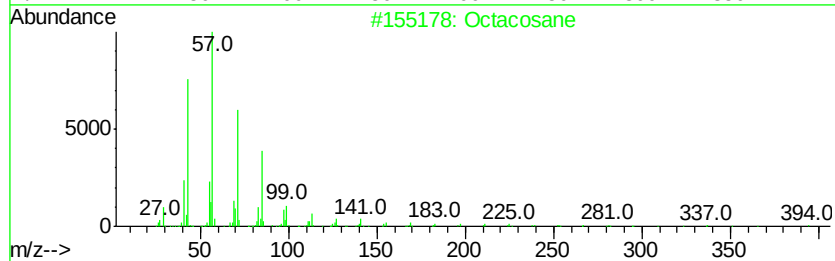
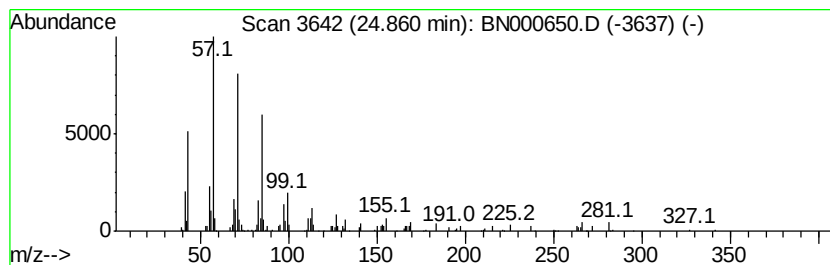
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	2.58 ng/ul	222938	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentacosane	352	C25H52	000629-99-2	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



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Instrument :
BNA_N
ClientSampleId :
C0AS5

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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
(DEL) Alkane: Str...	23.51	2.3	ng/ul	194973	6	24.35	1727960	20.0
Benzo[e]pyrene	24.14	7.7	ng/ul	664732	6	24.35	1727960	20.0
(DEL) Alkane: Str...	24.86	2.6	ng/ul	222938	6	24.35	1727960	20.0