

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
 Data File : BN005900.D
 Acq On : 24 May 2019 21:10
 Operator : JU/SJ
 Sample : K2928-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42D2

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-BN051819MA.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	6.775	638	644	656	rBV	87340	233615	11.01%	1.057%
2	6.905	661	666	676	rBV	116689	198566	9.35%	0.898%
3	7.104	695	700	709	rBV	141576	256438	12.08%	1.160%
4	7.557	771	777	787	rVB	249237	437365	20.60%	1.979%
5	8.287	897	901	917	rVB2	101142	229940	10.83%	1.040%
6	8.710	967	973	986	rBV	161831	318146	14.99%	1.440%
7	9.428	1090	1095	1104	rBV	119896	234063	11.03%	1.059%
8	9.987	1185	1190	1214	rBV	103802	316334	14.90%	1.431%
9	10.316	1240	1246	1254	rBV	380535	667587	31.45%	3.021%
10	10.487	1269	1275	1293	rBV	93581	242215	11.41%	1.096%
11	13.522	1786	1791	1796	rVB2	12455	18936	0.89%	0.086%
12	13.616	1801	1807	1811	rVV	501342	748015	35.24%	3.385%
13	13.663	1811	1815	1823	rVB	219055	349516	16.47%	1.582%
14	13.887	1846	1853	1865	rBV	503328	750302	35.35%	3.395%
15	14.198	1899	1906	1913	rVV2	651873	1019039	48.01%	4.611%
16	14.257	1914	1916	1922	rVB2	12897	17854	0.84%	0.081%
17	14.528	1957	1962	1964	rBV4	23385	42917	2.02%	0.194%
18	14.616	1973	1977	1984	rVB6	22923	38022	1.79%	0.172%
19	14.692	1984	1990	1995	rVV4	17453	27553	1.30%	0.125%
20	15.204	2070	2077	2084	rBV	646790	1034106	48.72%	4.679%
21	15.263	2084	2087	2091	rVB	13644	19826	0.93%	0.090%
22	15.392	2103	2109	2115	rBV3	44009	88405	4.16%	0.400%
23	15.569	2133	2139	2145	rVB4	10024	16970	0.80%	0.077%
24	15.951	2197	2204	2209	rBV6	10511	25958	1.22%	0.117%
25	16.322	2263	2267	2273	rVB2	15137	26154	1.23%	0.118%
26	16.633	2313	2320	2326	rVV3	18876	39292	1.85%	0.178%
27	16.704	2326	2332	2333	rVV4	9848	18824	0.89%	0.085%
28	16.722	2333	2335	2338	rVV3	12642	17012	0.80%	0.077%
29	16.780	2342	2345	2353	rVV3	16661	25988	1.22%	0.118%
30	16.957	2369	2375	2379	rBV2	1009047	1402768	66.09%	6.347%
31	16.998	2379	2382	2387	rVV	230578	312450	14.72%	1.414%
32	17.057	2387	2392	2405	rVV	787005	1220554	57.50%	5.523%
33	17.163	2405	2410	2415	rVV5	16101	35154	1.66%	0.159%
34	17.210	2415	2418	2421	rVV3	8744	13525	0.64%	0.061%

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35	17.257	2421	2426	2431	rVV5	18488	37569	1.77%	0.170%
36	17.298	2431	2433	2441	rVB6	11383	17468	0.82%	0.079%
37	17.386	2441	2448	2453	rBV5	16394	38310	1.80%	0.173%
38	17.463	2458	2461	2468	rVV5	9271	14081	0.66%	0.064%
39	17.551	2472	2476	2478	rVV2	14489	19344	0.91%	0.088%
40	17.580	2478	2481	2487	rVB2	11100	17182	0.81%	0.078%
41	17.686	2495	2499	2506	rBV5	11432	23308	1.10%	0.105%
42	17.845	2519	2526	2528	rVV	65086	93793	4.42%	0.424%
43	17.892	2528	2534	2545	rVV2	114566	255791	12.05%	1.157%
44	17.980	2545	2549	2553	rVV3	18393	34404	1.62%	0.156%
45	18.033	2553	2558	2563	rVV2	72314	125297	5.90%	0.567%
46	18.075	2563	2565	2575	rVB	40373	57352	2.70%	0.260%
47	18.157	2575	2579	2582	rBV4	12546	17312	0.82%	0.078%
48	18.251	2591	2595	2599	rVB5	18527	27001	1.27%	0.122%
49	18.298	2599	2603	2607	rBV6	8352	13776	0.65%	0.062%
50	18.351	2607	2612	2616	rBV	45304	69172	3.26%	0.313%
51	18.416	2619	2623	2629	rVB4	20911	35322	1.66%	0.160%
52	18.598	2650	2654	2659	rBV2	24232	30792	1.45%	0.139%
53	18.651	2659	2663	2667	rVV	34444	38883	1.83%	0.176%
54	18.692	2667	2670	2675	rVB2	20854	25293	1.19%	0.114%
55	18.769	2678	2683	2687	rBV	67042	93643	4.41%	0.424%
56	18.810	2687	2690	2691	rVV2	15812	20117	0.95%	0.091%
57	18.822	2691	2692	2697	rVV4	20435	29119	1.37%	0.132%
58	18.869	2697	2700	2703	rVB2	17517	18357	0.86%	0.083%
59	18.910	2703	2707	2714	rBV5	19080	37336	1.76%	0.169%
60	19.039	2724	2729	2736	rVB	293132	406426	19.15%	1.839%
61	19.110	2736	2741	2744	rBV	31218	38954	1.84%	0.176%
62	19.286	2767	2771	2775	rVB4	17007	24370	1.15%	0.110%
63	19.374	2780	2786	2801	rVV2	1129079	1959319	92.30%	8.866%
64	19.492	2801	2806	2810	rVB2	35777	47193	2.22%	0.214%
65	19.610	2822	2826	2830	rVB4	17192	25617	1.21%	0.116%
66	19.733	2843	2847	2851	rBV3	32994	66326	3.12%	0.300%
67	19.821	2858	2862	2867	rBV7	13846	26724	1.26%	0.121%
68	19.916	2867	2878	2885	rVV2	61952	148766	7.01%	0.673%
69	20.016	2891	2895	2900	rBV	27062	39478	1.86%	0.179%
70	20.080	2901	2906	2911	rVB2	34806	56042	2.64%	0.254%
71	20.221	2925	2930	2934	rBV3	27034	41138	1.94%	0.186%

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72	20.263	2934	2937	2941	rVV3	25153	33800	1.59%	0.153%
73	20.304	2941	2944	2948	rVB4	12631	16015	0.75%	0.072%
74	20.380	2953	2957	2962	rVB8	10946	17144	0.81%	0.078%
75	20.439	2963	2967	2971	rVB3	30031	30801	1.45%	0.139%
76	20.516	2976	2980	2983	rBV3	26491	35990	1.70%	0.163%
77	20.545	2983	2985	2996	rVB4	32499	70898	3.34%	0.321%
78	20.633	2998	3000	3004	rBV5	14672	19369	0.91%	0.088%
79	20.686	3004	3009	3013	rBV	44525	68517	3.23%	0.310%
80	20.839	3032	3035	3038	rVV	50709	65367	3.08%	0.296%
81	20.868	3038	3040	3044	rVV	29655	38913	1.83%	0.176%
82	20.910	3044	3047	3057	rVV6	96575	204205	9.62%	0.924%
83	20.992	3057	3061	3068	rVB	37823	65839	3.10%	0.298%
84	21.080	3072	3076	3078	rBV5	17613	26631	1.25%	0.121%
85	21.104	3078	3080	3084	rVV5	22955	34528	1.63%	0.156%
86	21.192	3088	3095	3100	rVV	1381029	2122662	100.00%	9.605%
87	21.233	3100	3102	3112	rVV	176823	247643	11.67%	1.121%
88	21.316	3114	3116	3119	rVV2	27866	30293	1.43%	0.137%
89	21.351	3119	3122	3126	rVB2	67569	74407	3.51%	0.337%
90	21.427	3133	3135	3141	rVB5	27499	36046	1.70%	0.163%
91	21.751	3183	3190	3192	rBV	65554	113438	5.34%	0.513%
92	21.774	3192	3194	3196	rVV	34699	30371	1.43%	0.137%
93	21.851	3205	3207	3211	rVB4	29583	37622	1.77%	0.170%
94	22.227	3268	3271	3277	rBV2	94779	147062	6.93%	0.665%
95	22.721	3351	3355	3357	rBV	108106	152297	7.17%	0.689%
96	23.204	3432	3437	3439	rBV	57298	92442	4.36%	0.418%
97	23.251	3439	3445	3452	rVV	850318	1631405	76.86%	7.382%
98	23.392	3462	3469	3477	rBV2	918014	1763644	83.09%	7.980%
99	23.880	3547	3552	3560	rVB	112614	204465	9.63%	0.925%
100	24.592	3668	3673	3682	rVB2	90190	174336	8.21%	0.789%

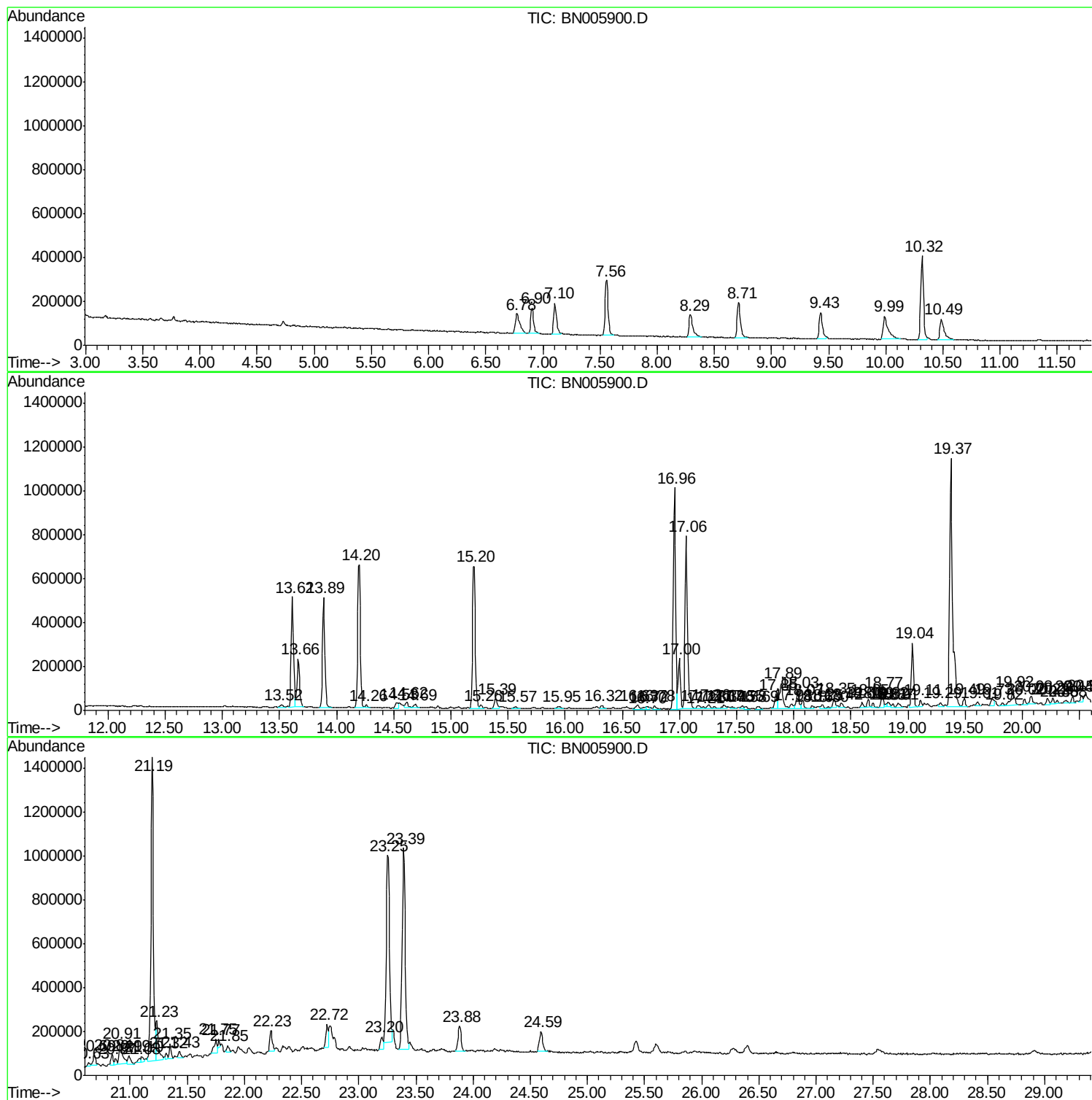
Sum of corrected areas: 22099934

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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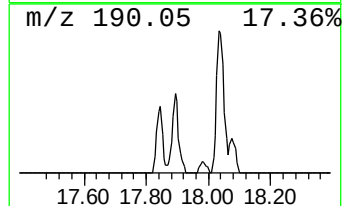
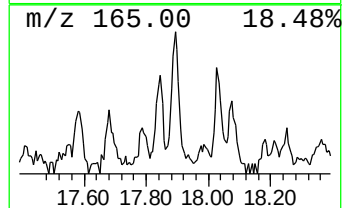
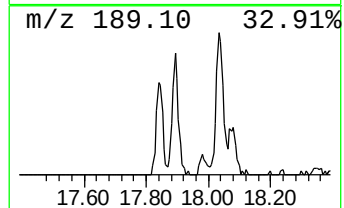
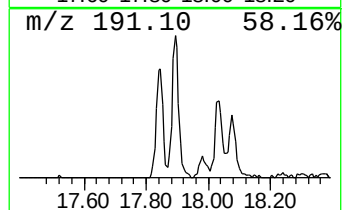
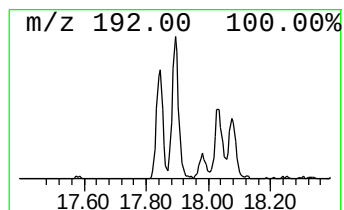
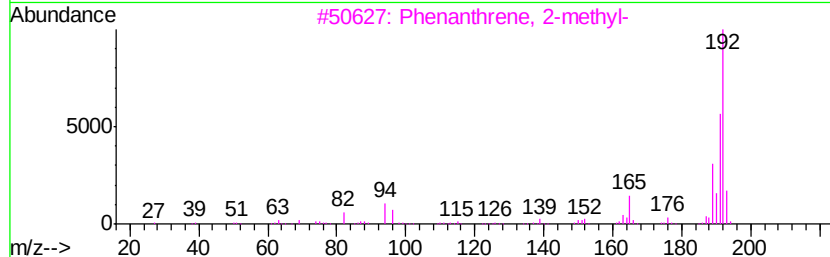
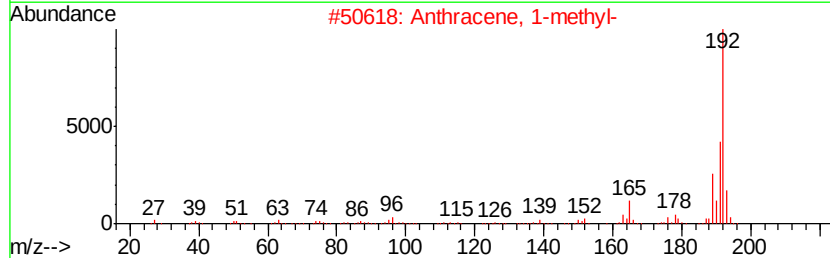
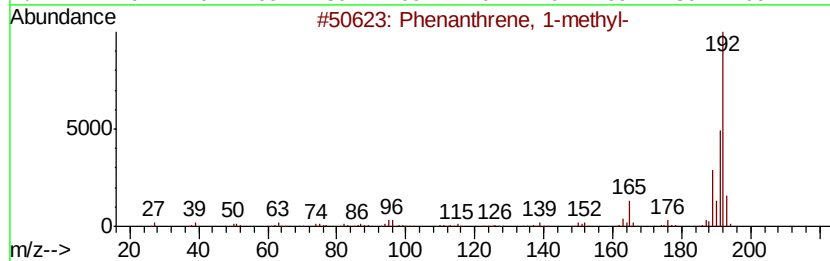
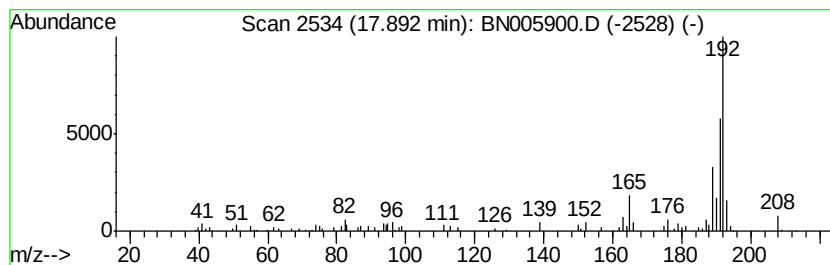
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	3.65 ng/ul	255791	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



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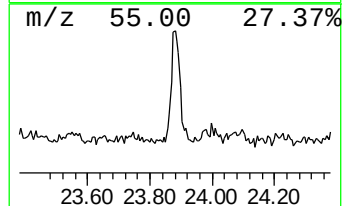
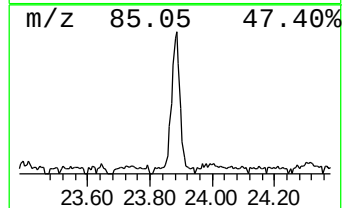
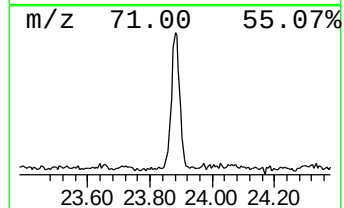
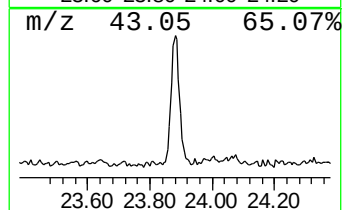
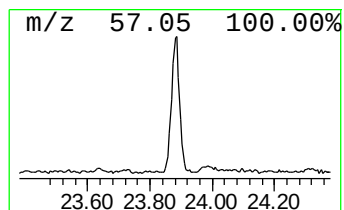
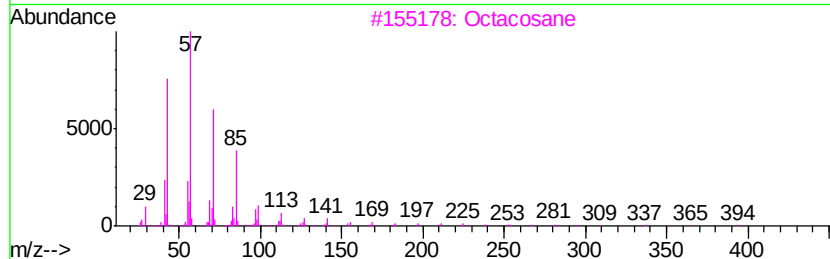
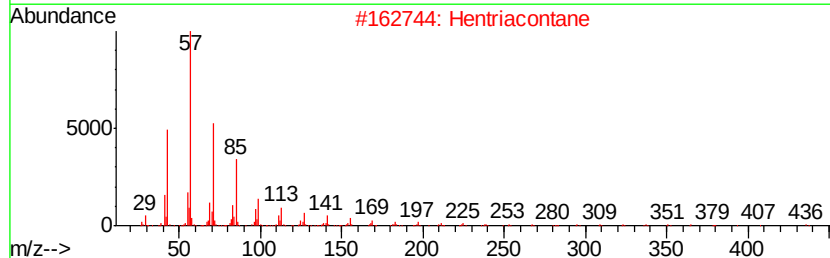
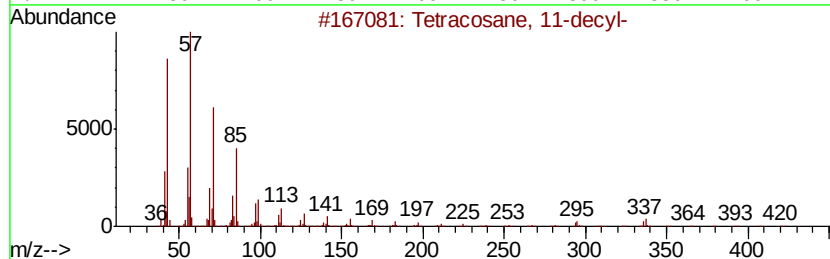
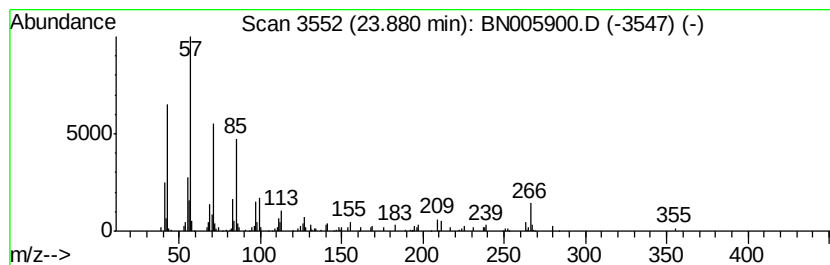
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	2.32 ng/ul	204465	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Hexadecane	226	C16H34	000544-76-3	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1-m...	17.89	3.6	ng/ul	255791	4	16.96	1402770	20.0
(DEL) Alkane: Str...	23.88	2.3	ng/ul	204465	6	23.39	1763640	20.0