

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002970.D
 Acq On : 05 Oct 2018 19:35
 Operator : MJ/SJ
 Sample : J5230-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z07

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-BN091418MA.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	3.199	32	36	47	rVB	24102	42554	1.15%	0.076%
2	3.693	115	120	127	rBV	31036	45337	1.23%	0.081%
3	6.822	646	652	666	rVB2	422708	838087	22.69%	1.496%
4	6.969	671	677	689	rBV	378615	586101	15.87%	1.046%
5	7.169	704	711	722	rBV	460163	766844	20.76%	1.369%
6	7.622	778	788	796	rBV	458893	759190	20.55%	1.355%
7	8.346	904	911	923	rBV	537459	932753	25.25%	1.665%
8	8.775	977	984	992	rBV	450713	759429	20.56%	1.355%
9	9.493	1099	1106	1115	rBV	404199	697736	18.89%	1.245%
10	10.040	1192	1199	1218	rBV	556639	1070306	28.98%	1.910%
11	10.393	1251	1259	1266	rBV	714808	1234296	33.42%	2.203%
12	10.546	1278	1285	1302	rBV	451697	898831	24.34%	1.604%
13	13.087	1712	1717	1724	rVB3	33812	49077	1.33%	0.088%
14	13.587	1796	1802	1807	rBV3	20314	39654	1.07%	0.071%
15	13.681	1812	1818	1822	rVV	1116537	1599766	43.31%	2.855%
16	13.728	1822	1826	1834	rVB	340669	516774	13.99%	0.922%
17	13.957	1857	1865	1880	rBV2	1291038	2306349	62.44%	4.116%
18	14.169	1894	1901	1906	rBV	48048	67570	1.83%	0.121%
19	14.263	1906	1917	1924	rVV2	1104523	1733119	46.92%	3.093%
20	14.328	1924	1928	1938	rVB2	28822	62497	1.69%	0.112%
21	14.522	1952	1961	1975	rBV	237872	606622	16.42%	1.083%
22	14.675	1982	1987	1990	rBV	40097	60362	1.63%	0.108%
23	14.887	2016	2023	2029	rBV8	16993	40004	1.08%	0.071%
24	15.063	2048	2053	2057	rVV5	24926	47165	1.28%	0.084%
25	15.128	2060	2064	2070	rVB2	41636	67508	1.83%	0.120%
26	15.263	2081	2087	2093	rBV	1727750	2469064	66.85%	4.407%
27	15.316	2093	2096	2107	rVB5	37963	80069	2.17%	0.143%
28	15.416	2107	2113	2122	rBV	398653	640605	17.34%	1.143%
29	15.622	2143	2148	2153	rVB	25001	40512	1.10%	0.072%
30	15.769	2165	2173	2180	rVB5	24875	64141	1.74%	0.114%
31	16.010	2206	2214	2219	rBV6	64010	156460	4.24%	0.279%
32	16.563	2303	2308	2311	rBV4	32907	51129	1.38%	0.091%
33	16.681	2323	2328	2334	rBV3	48780	81957	2.22%	0.146%
34	16.751	2334	2340	2342	rVV4	24694	39300	1.06%	0.070%

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35	16.781	2342	2345	2348	rVV	46007	68431	1.85%	0.122%
36	16.839	2351	2355	2365	rVB	41784	78962	2.14%	0.141%
37	17.016	2379	2385	2390	rBV	1381677	2097819	56.80%	3.744%
38	17.063	2390	2393	2397	rVV	489865	628736	17.02%	1.122%
39	17.116	2397	2402	2407	rVV2	1801349	2689345	72.81%	4.800%
40	17.151	2407	2408	2415	rVV	210585	208822	5.65%	0.373%
41	17.210	2415	2418	2426	rVV5	25885	57438	1.56%	0.103%
42	17.434	2451	2456	2460	rBV	54282	92463	2.50%	0.165%
43	17.522	2467	2471	2477	rVB3	33868	64732	1.75%	0.116%
44	17.639	2487	2491	2497	rVB	234290	304691	8.25%	0.544%
45	17.898	2530	2535	2537	rBV	94131	138904	3.76%	0.248%
46	17.928	2537	2540	2541	rBV	132519	149782	4.06%	0.267%
47	17.986	2547	2550	2554	rBV	169371	220414	5.97%	0.393%
48	18.086	2562	2567	2572	rBV2	135887	265396	7.19%	0.474%
49	18.128	2572	2574	2583	rVB	81913	108759	2.94%	0.194%
50	18.210	2584	2588	2593	rBV3	60243	94409	2.56%	0.169%
51	18.398	2616	2620	2625	rBV	88187	130423	3.53%	0.233%
52	18.451	2625	2629	2638	rVB	84724	152473	4.13%	0.272%
53	18.704	2668	2672	2675	rVB	39965	47574	1.29%	0.085%
54	18.739	2676	2678	2682	rVB2	44324	45303	1.23%	0.081%
55	18.792	2682	2687	2689	rBV3	79643	143843	3.89%	0.257%
56	18.857	2695	2698	2705	rVB5	56229	120569	3.26%	0.215%
57	18.969	2712	2717	2723	rBV2	129001	214768	5.81%	0.383%
58	19.086	2732	2737	2744	rVB	1899136	2501863	67.74%	4.465%
59	19.151	2745	2748	2751	rBV	50140	65943	1.79%	0.118%
60	19.239	2760	2763	2767	rVB	94747	111292	3.01%	0.199%
61	19.422	2788	2794	2797	rBV	2337536	3513704	95.13%	6.271%
62	19.451	2797	2799	2807	rVV	1714906	2092826	56.66%	3.735%
63	19.528	2809	2812	2819	rVB2	101614	188665	5.11%	0.337%
64	19.633	2827	2830	2833	rBV	77880	124948	3.38%	0.223%
65	19.780	2850	2855	2862	rBV3	160647	406942	11.02%	0.726%
66	19.916	2874	2878	2880	rBV4	133271	201017	5.44%	0.359%
67	20.057	2899	2902	2905	rBV2	67512	75029	2.03%	0.134%
68	20.110	2906	2911	2915	rVV2	181282	307880	8.34%	0.550%
69	20.251	2932	2935	2938	rBV2	97504	114625	3.10%	0.205%
70	20.475	2970	2973	2976	rVB2	105146	111385	3.02%	0.199%
71	20.710	3009	3013	3018	rBV	357959	471059	12.75%	0.841%

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72	20.869	3036	3040	3043	rBV2	236638	317386	8.59%	0.566%
73	20.904	3044	3046	3049	rVV	185141	218551	5.92%	0.390%
74	20.945	3049	3053	3059	rVV3	483972	852983	23.09%	1.522%
75	21.004	3060	3063	3073	rVB	275249	419739	11.36%	0.749%
76	21.222	3094	3100	3104	rBV2	2037863	3693515	100.00%	6.592%
77	21.263	3104	3107	3117	rVB	1000789	1287914	34.87%	2.299%
78	21.374	3124	3126	3134	rVB3	212401	346711	9.39%	0.619%
79	21.804	3197	3199	3204	rBV2	214050	294711	7.98%	0.526%
80	22.263	3273	3277	3282	rBV	537271	702941	19.03%	1.255%
81	23.245	3440	3444	3448	rBV	352481	624182	16.90%	1.114%
82	23.304	3448	3454	3458	rBV2	1680877	2993115	81.04%	5.342%
83	23.433	3471	3476	3482	rBV	775044	1364222	36.94%	2.435%
84	23.933	3555	3561	3574	rVB	1110878	2143657	58.04%	3.826%
85	24.651	3678	3683	3692	rVB	938993	1915318	51.86%	3.419%
86	25.492	3821	3826	3835	rVB2	431075	989648	26.79%	1.766%

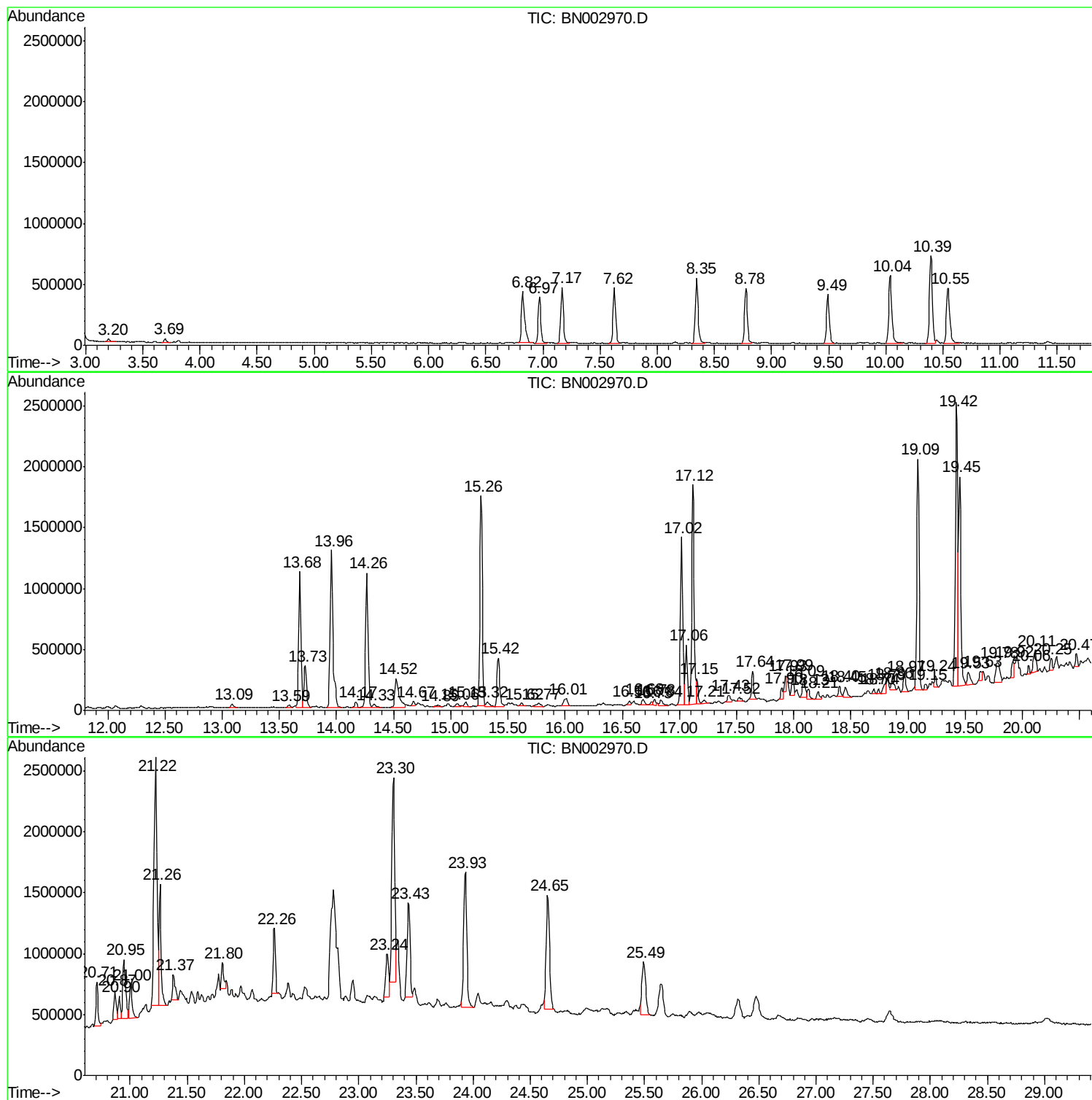
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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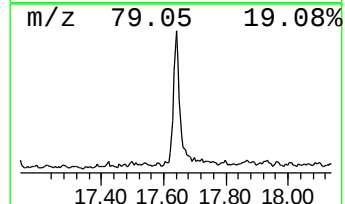
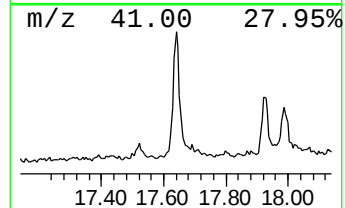
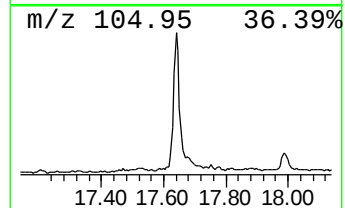
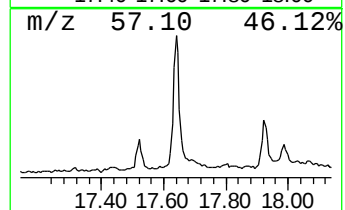
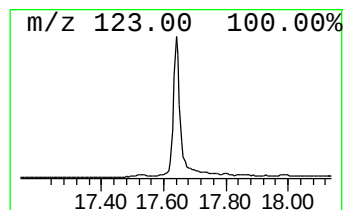
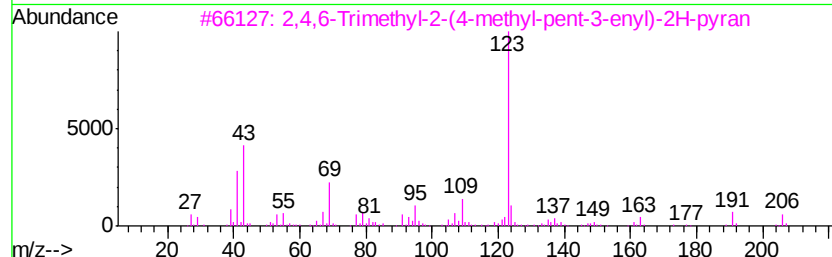
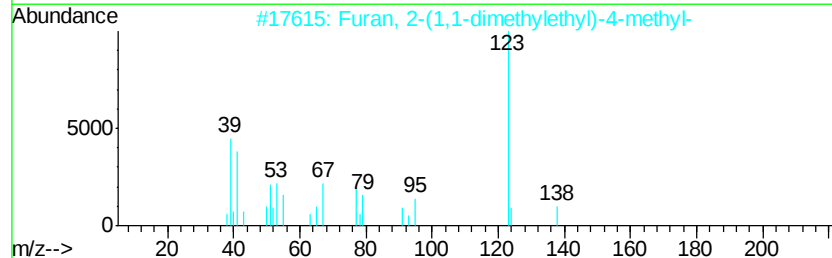
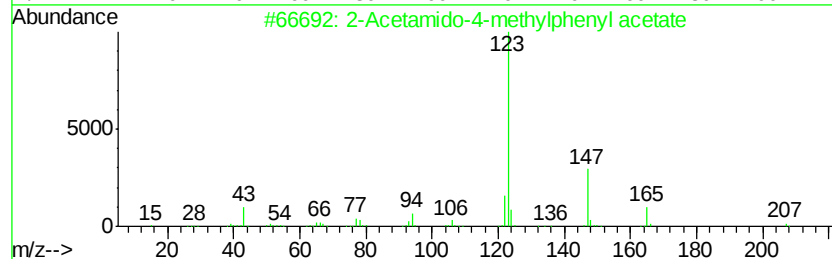
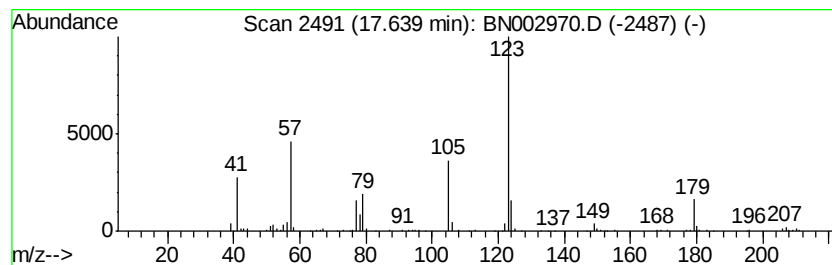
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.64	2.90 ng/ul	304691	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamido-4-methylphenyl acetate	207	C11H13NO3	1000373-46-9	38	
2	Furan, 2-(1,1-dimethylethyl)-4-m...	138	C9H14O	006141-68-0	33	
3	2,4,6-Trimethyl-2-(4-methyl-pent...	206	C14H22O	1000193-58-6	28	
4	Niacin	123	C6H5NO2	000059-67-6	9	
5	2-Fluorobenzoic acid, 2,2-dimeth...	210	C12H15FO2	1000278-97-0	9	



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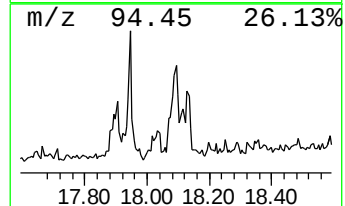
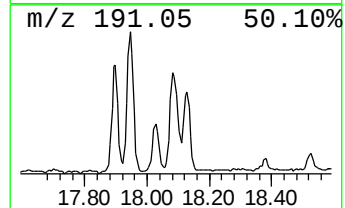
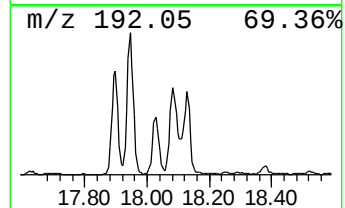
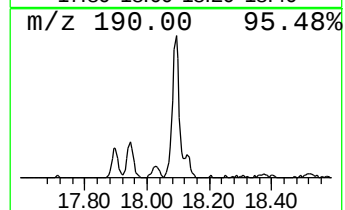
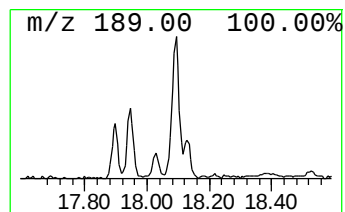
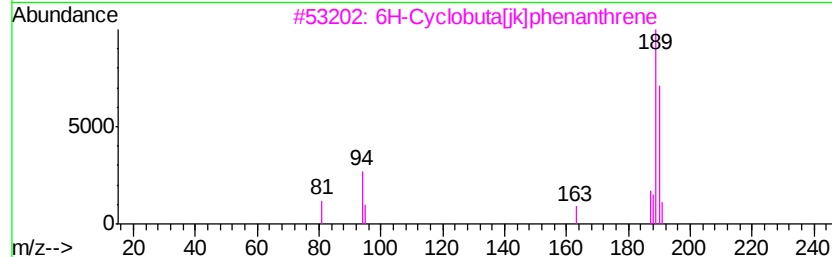
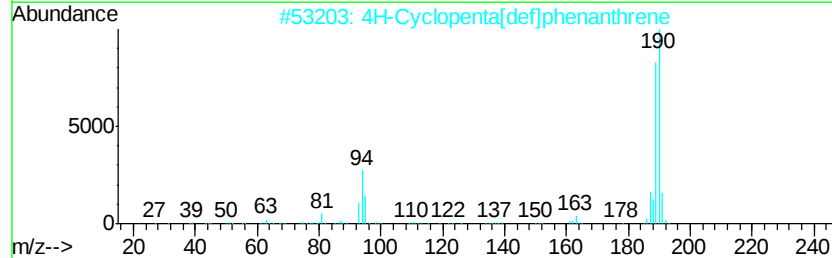
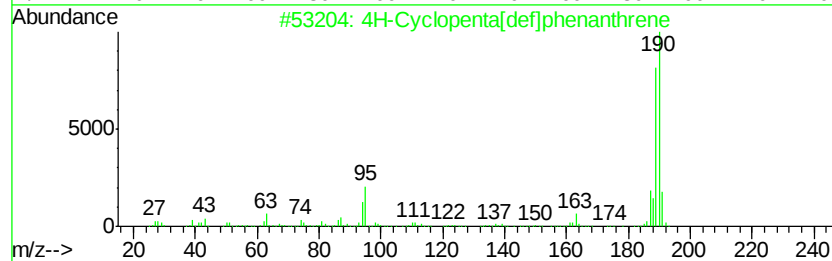
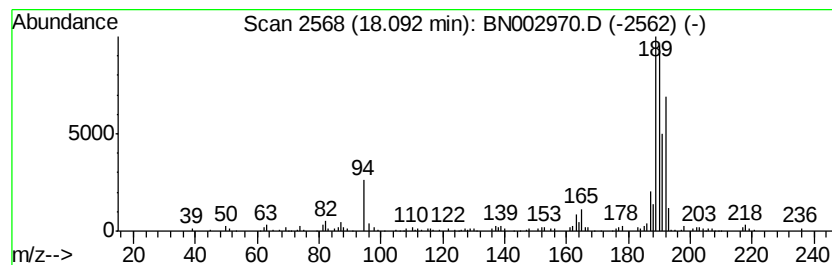
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	2.53 ng/ul	265396	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



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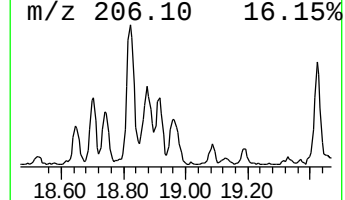
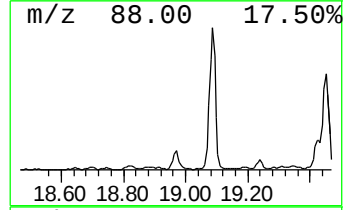
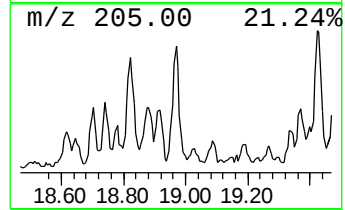
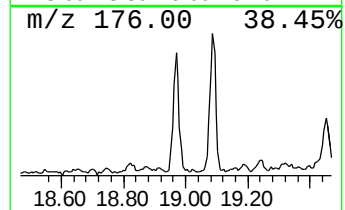
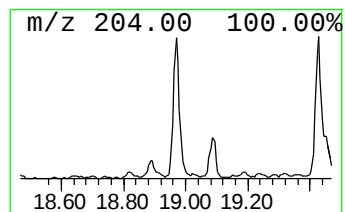
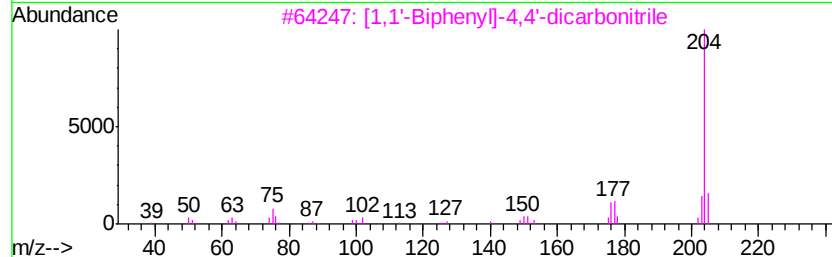
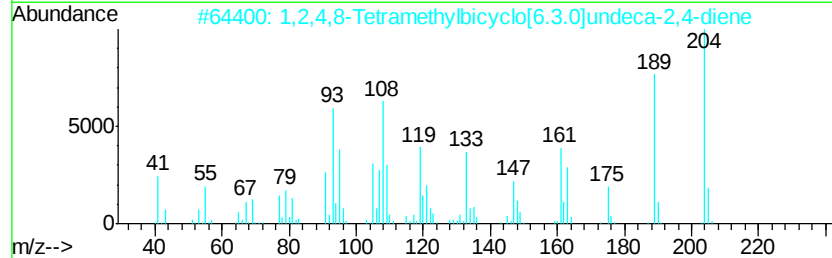
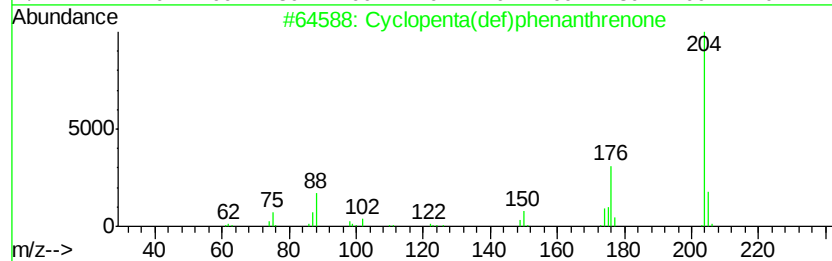
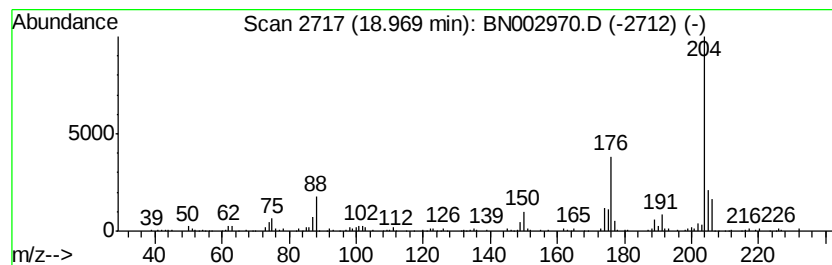
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	2.05 ng/ul	214768	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
4		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
5		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	42



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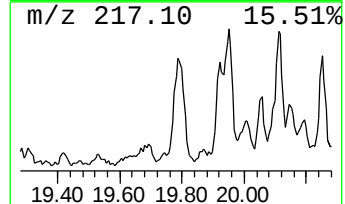
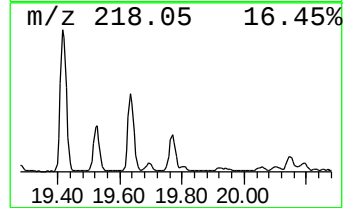
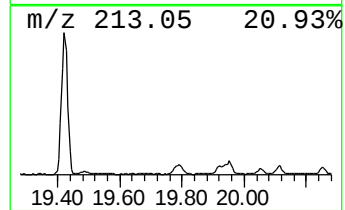
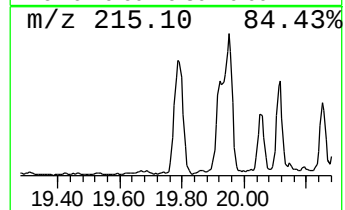
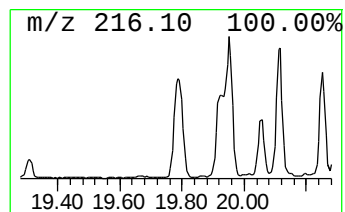
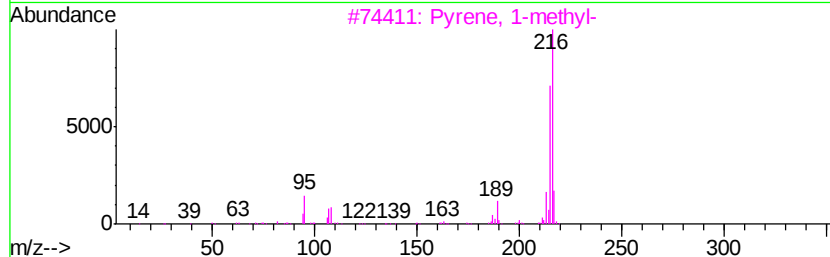
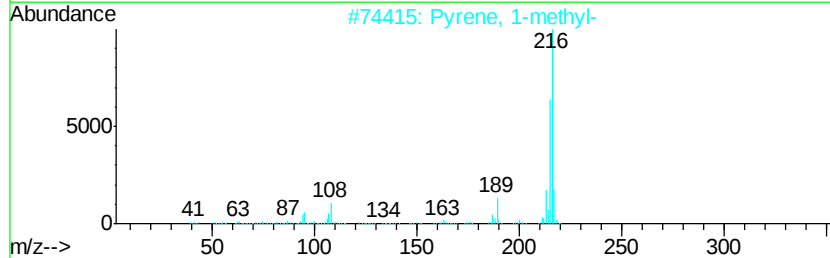
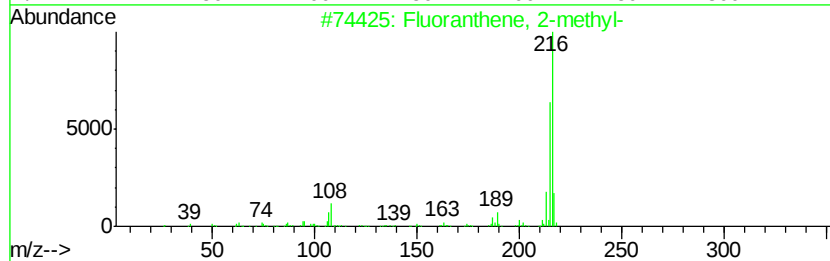
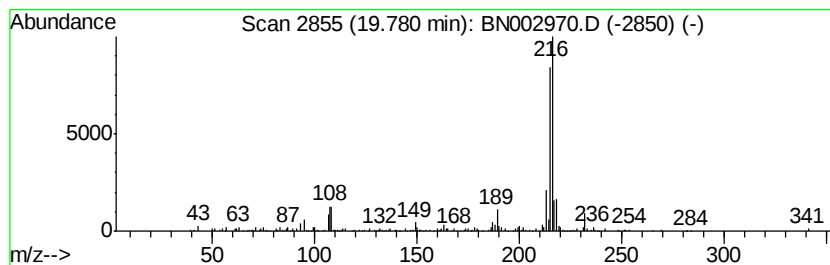
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	2.20 ng/ul	406942	Chrysene-d12	21.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89



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Data File : BN002970.D
Acq On : 05 Oct 2018 19:35
Operator : MJ/SJ
Sample : J5230-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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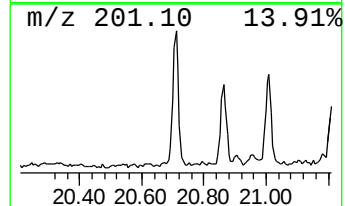
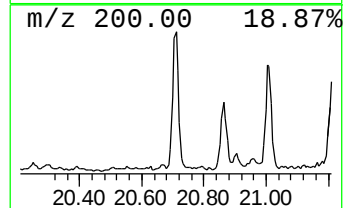
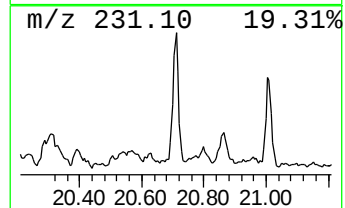
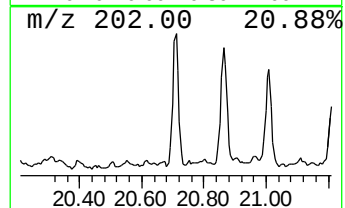
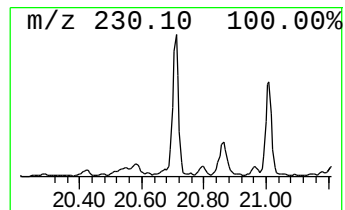
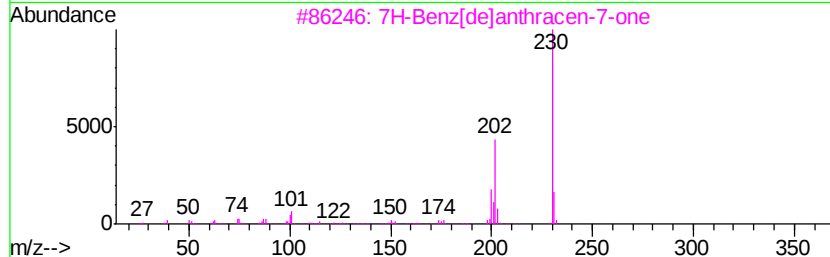
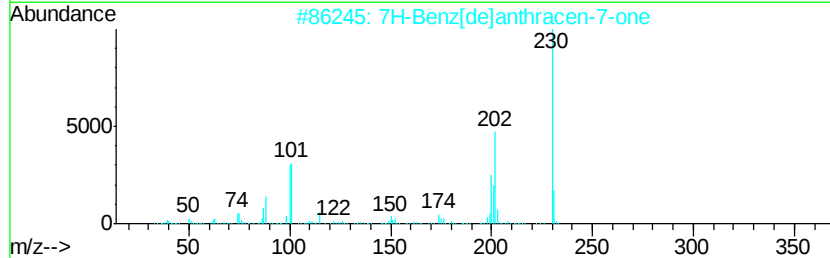
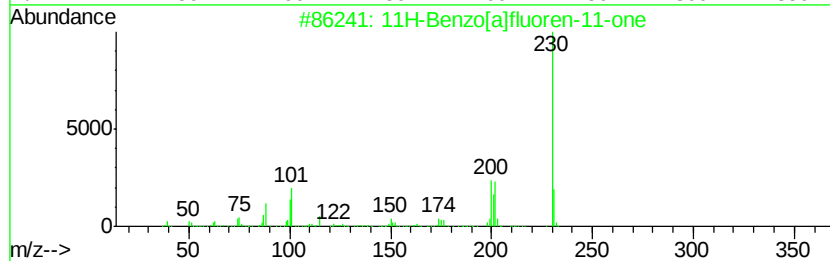
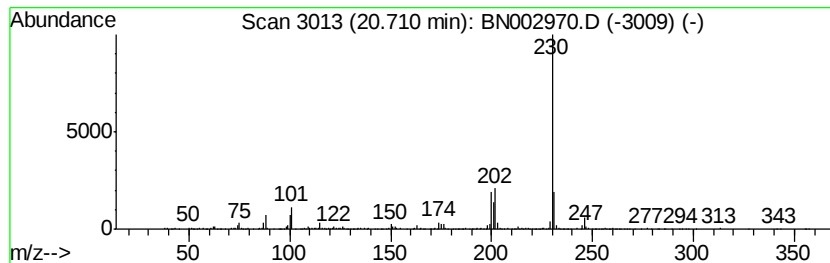
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	2.55 ng/ul	471059	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
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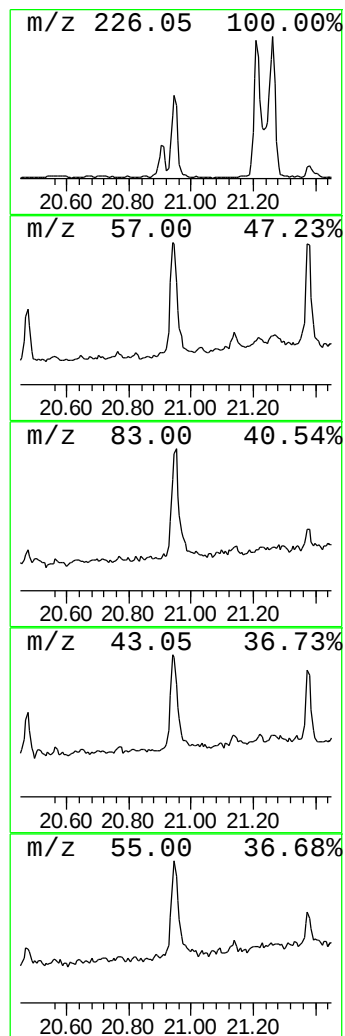
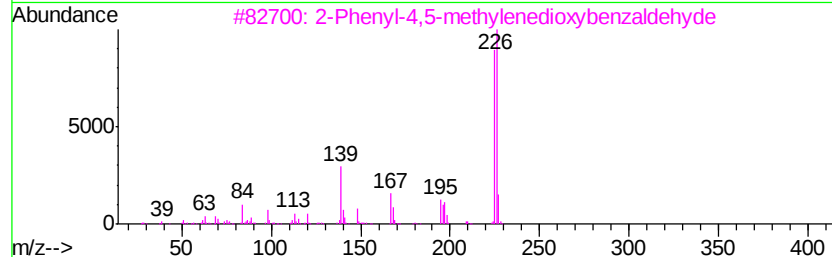
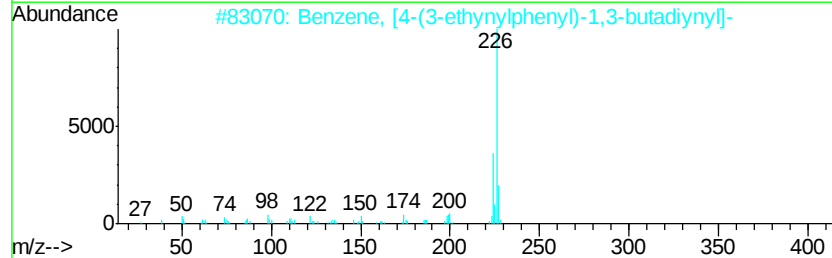
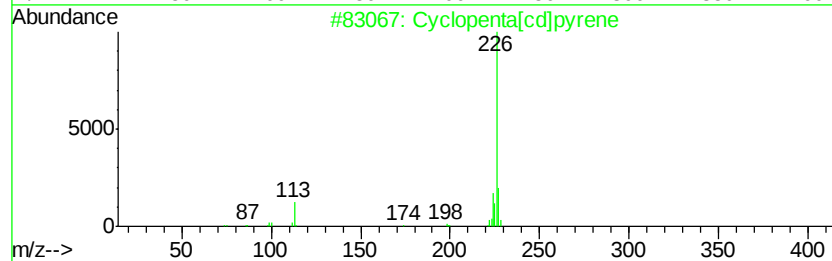
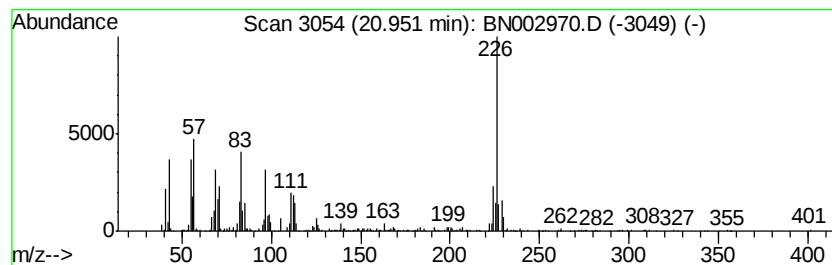
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.62 ng/ul	852983	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 43
2		Benzene, [4-(3-ethynylphenyl)-1,...	226 C18H10	1000115-87-3 38
3		2-Phenyl-4,5-methylenedioxybenza...	226 C14H10O3	004432-95-5 35
4		Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2 25
5		1-Dodecanol, 2-octyl-	298 C20H42O	005333-42-6 20



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002970.D
Acq On : 05 Oct 2018 19:35
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Sample : J5230-11
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Instrument :
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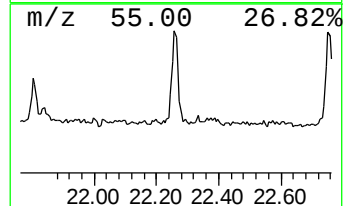
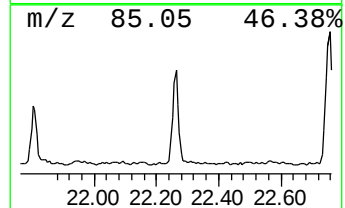
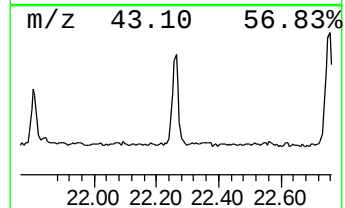
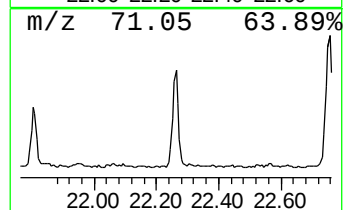
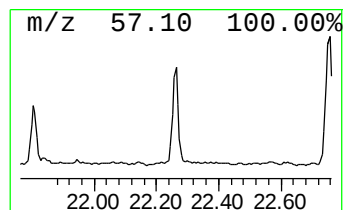
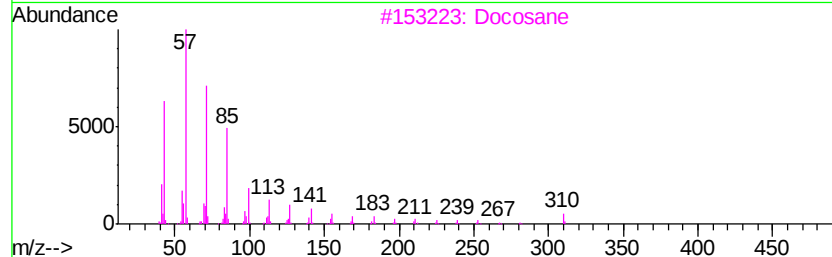
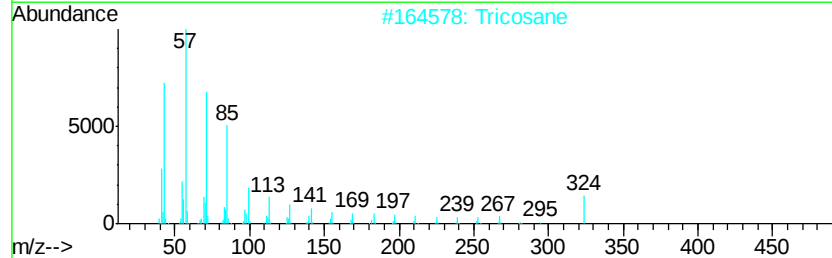
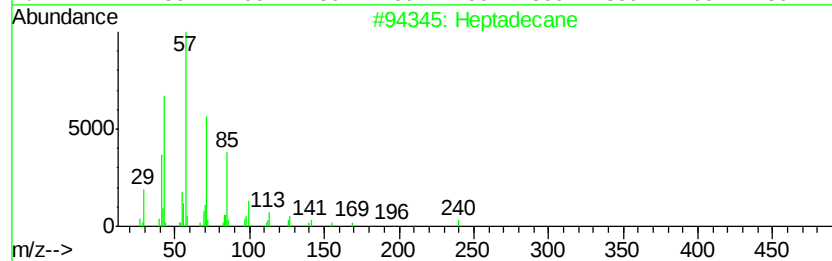
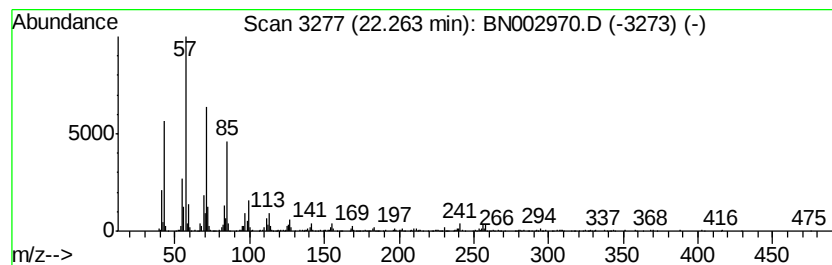
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	3.81 ng/ul	702941	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Tricosane	324	C23H48	000638-67-5	94
3		Docosane	310	C22H46	000629-97-0	94
4		Docosane	310	C22H46	000629-97-0	93
5		Heneicosane	296	C21H44	000629-94-7	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
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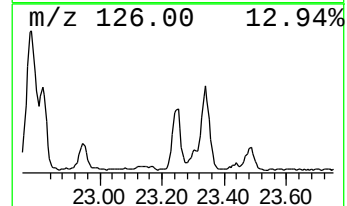
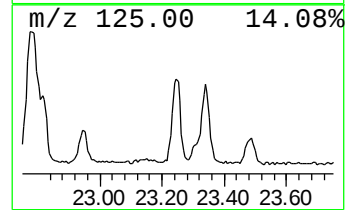
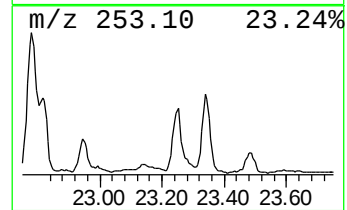
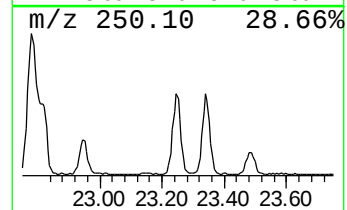
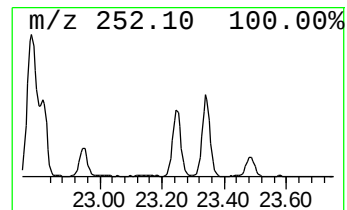
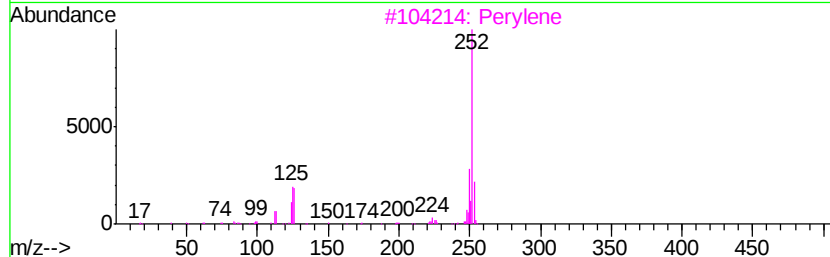
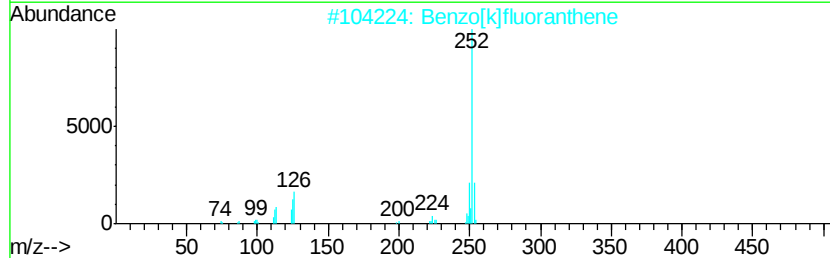
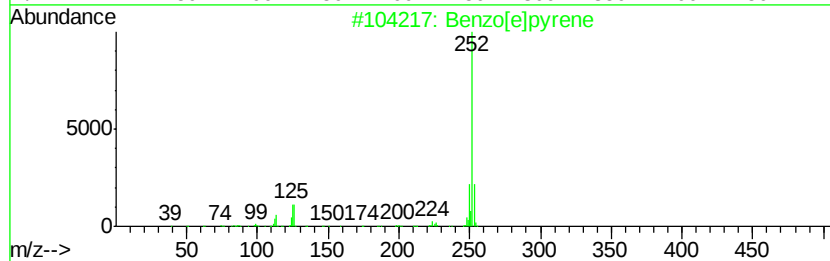
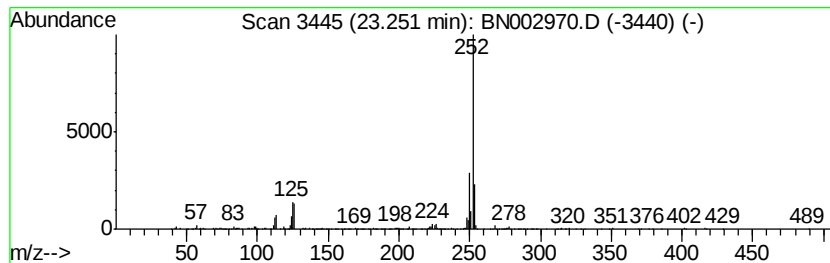
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	9.15 ng/ul	624182	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002970.D
Acq On : 05 Oct 2018 19:35
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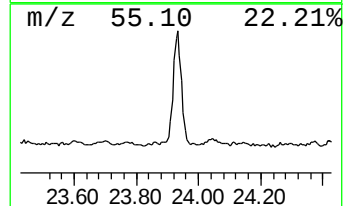
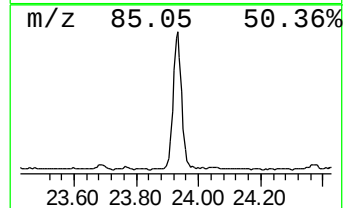
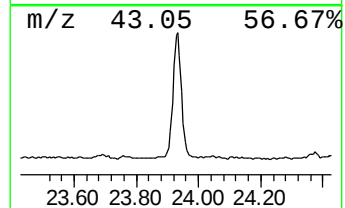
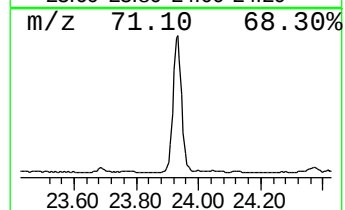
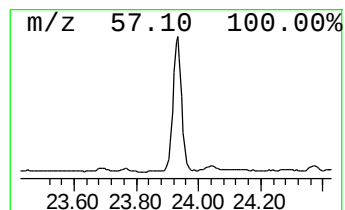
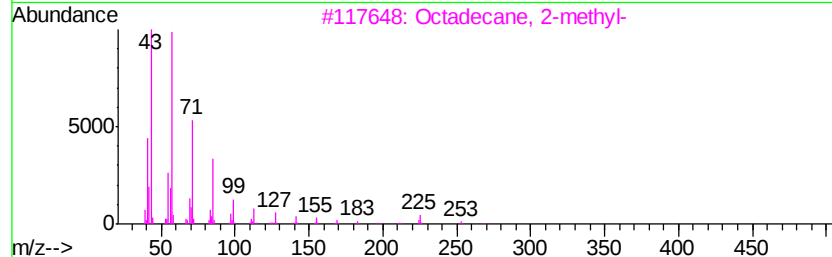
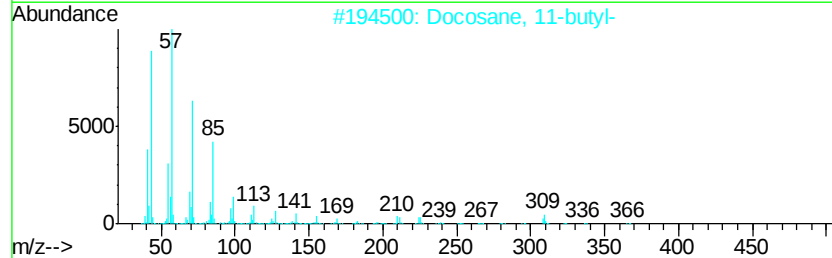
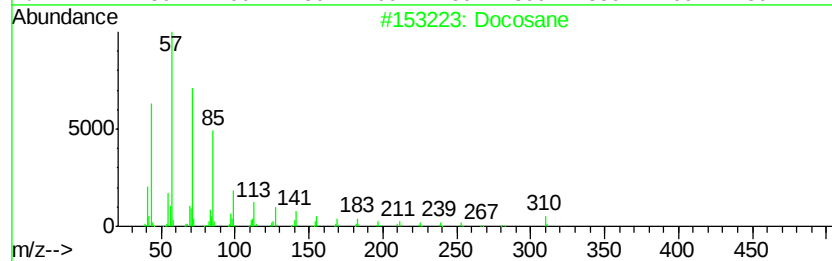
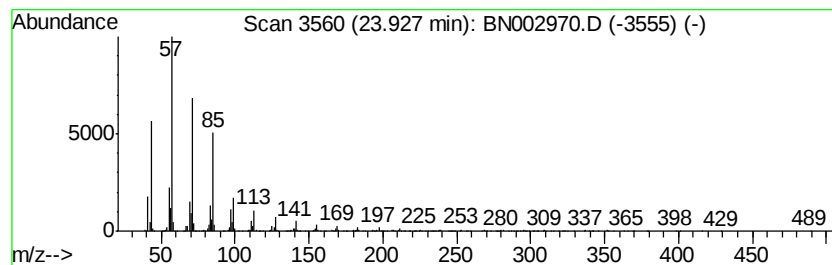
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	31.43 ng/ul	2143660	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	97
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
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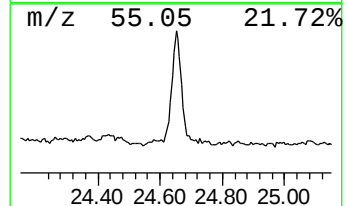
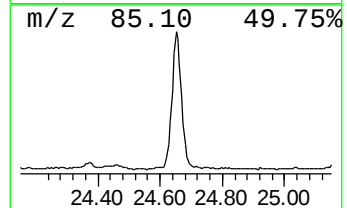
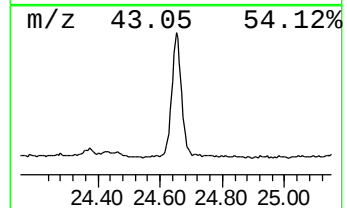
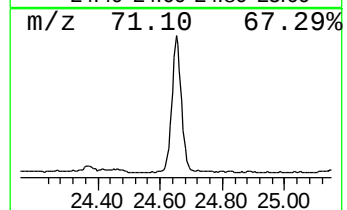
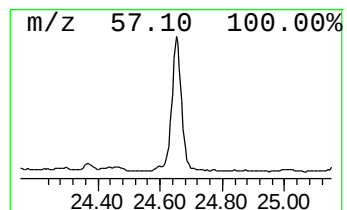
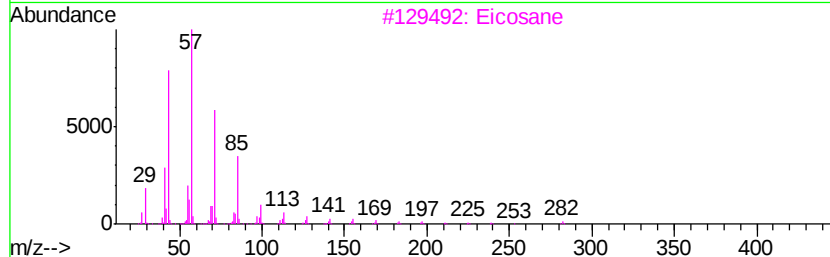
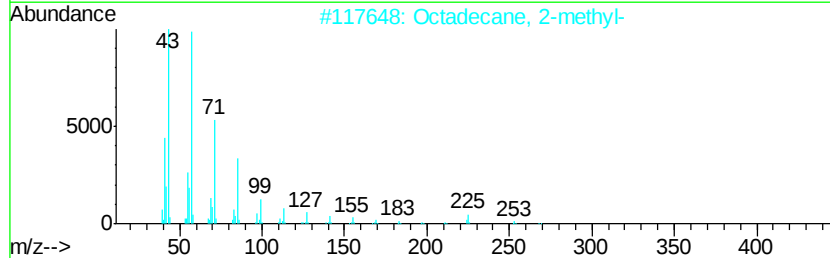
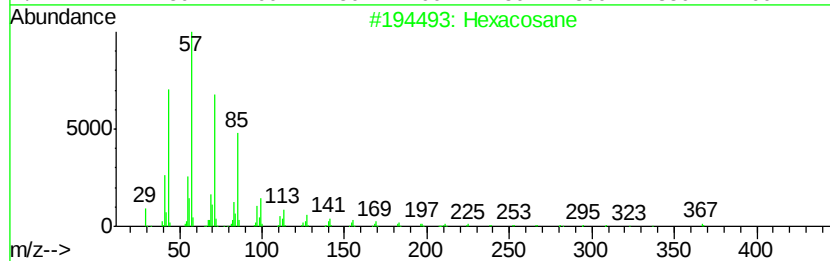
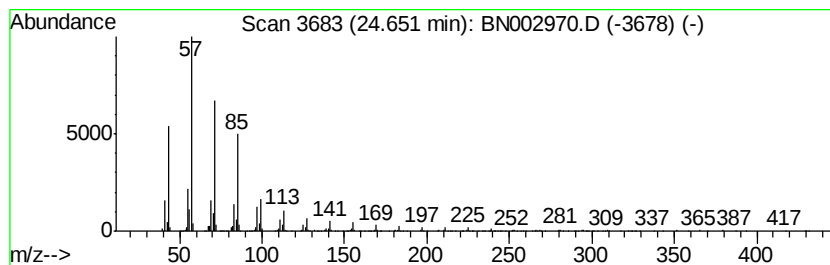
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	28.08 ng/ul	1915320	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3		Eicosane	282	C20H42	000112-95-8	94
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
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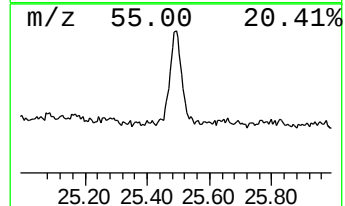
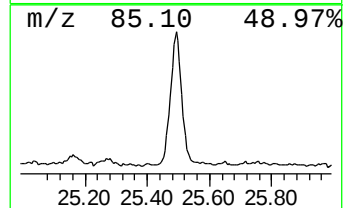
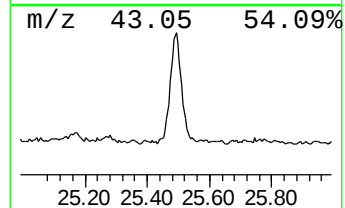
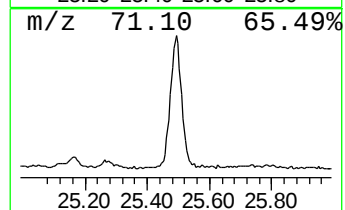
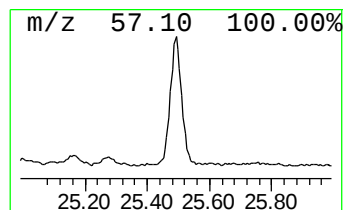
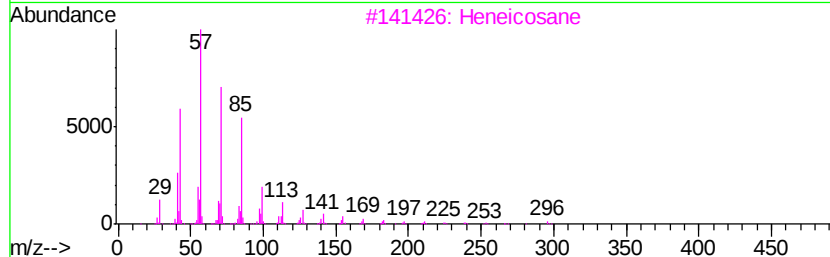
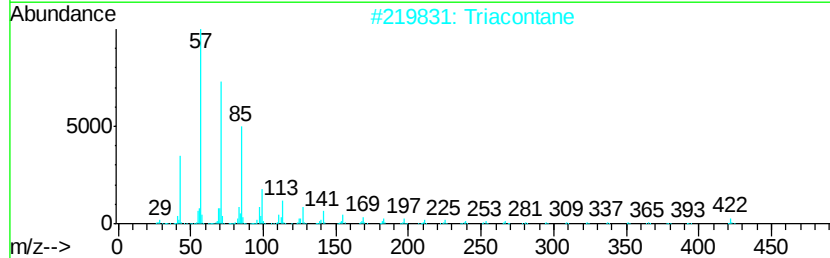
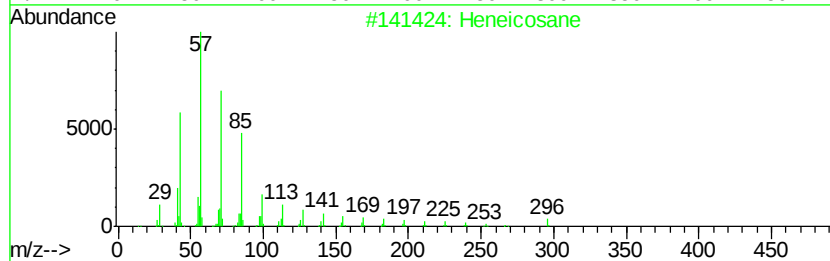
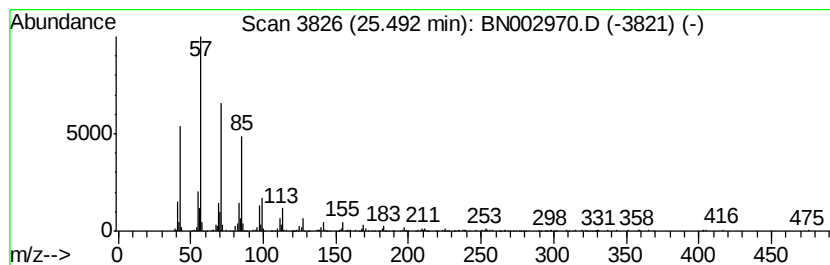
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.49	14.51 ng/ul	989648	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Triacontane	422	C30H62	000638-68-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002970.D
Acq On : 05 Oct 2018 19:35
Operator : MJ/SJ
Sample : J5230-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	17.64	2.9	ng/ul	304691	4	17.02	2097820	20.0
4H-Cyclopenta[def...	18.09	2.5	ng/ul	265396	4	17.02	2097820	20.0
Cyclopenta(def)ph...	18.97	2.0	ng/ul	214768	4	17.02	2097820	20.0
Fluoranthene, 2-m...	19.78	2.2	ng/ul	406942	5	21.23	3693520	20.0
11H-Benzo[a]fluor...	20.71	2.5	ng/ul	471059	5	21.23	3693520	20.0
unknown-02	20.95	4.6	ng/ul	852983	5	21.23	3693520	20.0
(DEL) Alkane: Str...	22.26	3.8	ng/ul	702941	5	21.23	3693520	20.0
Benzo[e]pyrene	23.25	9.2	ng/ul	624182	6	23.43	1364220	20.0
(DEL) Alkane: Str...	23.93	31.4	ng/ul	2143660	6	23.43	1364220	20.0
(DEL) Alkane: Str...	24.65	28.1	ng/ul	1915320	6	23.43	1364220	20.0
(DEL) Alkane: Str...	25.49	14.5	ng/ul	989648	6	23.43	1364220	20.0