

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000607.D
 Acq On : 24 Mar 2018 08:01
 Operator : JU/SJ
 Sample : J1951-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW1

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	21	25	36	rVB	34276	53571	1.20%	0.085%
2	4.166	120	124	132	rVV	39020	59428	1.33%	0.094%
3	5.402	326	334	344	rVV2	112394	179364	4.02%	0.283%
4	6.413	499	506	516	rBV	21670	36413	0.82%	0.058%
5	7.549	690	699	712	rBV	611847	1023667	22.94%	1.617%
6	7.713	718	727	735	rBV	538877	846842	18.97%	1.337%
7	7.931	757	764	772	rBV	642070	1037467	23.25%	1.638%
8	8.407	839	845	856	rVB	633554	1033254	23.15%	1.632%
9	9.119	959	966	975	rBV	748150	1265978	28.37%	1.999%
10	9.590	1038	1046	1055	rBV	601803	996509	22.33%	1.574%
11	10.319	1162	1170	1178	rBV	480641	804726	18.03%	1.271%
12	10.860	1255	1262	1270	rBV	762030	1290582	28.92%	2.038%
13	10.931	1270	1274	1281	rVB2	16509	29548	0.66%	0.047%
14	11.248	1320	1328	1335	rVV	911987	1546369	34.65%	2.442%
15	11.378	1342	1350	1364	rBV	609689	1108967	24.85%	1.751%
16	12.425	1523	1528	1533	rVB	40749	54752	1.23%	0.086%
17	13.819	1760	1765	1770	rBV	26739	37232	0.83%	0.059%
18	14.419	1861	1867	1871	rVV	1237606	1825773	40.91%	2.883%
19	14.460	1871	1874	1880	rVV	397681	527353	11.82%	0.833%
20	14.725	1913	1919	1930	rBV	1562654	2341512	52.47%	3.698%
21	14.878	1940	1945	1951	rVB	75417	92163	2.07%	0.146%
22	15.031	1964	1971	1977	rVV2	1259274	1997398	44.75%	3.154%
23	15.089	1977	1981	1987	rVB	69444	96816	2.17%	0.153%
24	15.213	1996	2002	2013	rBV	404383	620474	13.90%	0.980%
25	15.419	2033	2037	2043	rVV	34858	56794	1.27%	0.090%
26	15.489	2043	2049	2057	rVV2	17250	33173	0.74%	0.052%
27	15.778	2093	2098	2101	rBV	114530	144015	3.23%	0.227%
28	15.819	2101	2105	2110	rVB	100094	121964	2.73%	0.193%
29	16.007	2131	2137	2143	rBV	1862755	2791094	62.54%	4.408%
30	16.066	2143	2147	2152	rVB	61661	86467	1.94%	0.137%
31	16.125	2152	2157	2165	rBV	376684	510980	11.45%	0.807%
32	16.225	2165	2174	2177	rBV3	29556	63734	1.43%	0.101%
33	16.354	2192	2196	2207	rVB3	14430	31610	0.71%	0.050%
34	16.672	2245	2250	2258	rBV	88137	157693	3.53%	0.249%

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35	16.942	2289	2296	2302	rVB6	26094	41713	0.93%	0.066%
36	17.407	2371	2375	2380	rVB	25782	34913	0.78%	0.055%
37	17.460	2380	2384	2388	rBV	67117	87034	1.95%	0.137%
38	17.507	2388	2392	2396	rVV2	28867	46960	1.05%	0.074%
39	17.572	2399	2403	2409	rVB	46015	63664	1.43%	0.101%
40	17.754	2428	2434	2438	rBV	1665551	2431721	54.49%	3.840%
41	17.795	2438	2441	2446	rVB	1048578	1354186	30.34%	2.139%
42	17.854	2446	2451	2455	rBV	2010997	2895020	64.87%	4.572%
43	17.942	2461	2466	2470	rVB	23641	38391	0.86%	0.061%
44	18.148	2493	2501	2505	rVV	123600	199632	4.47%	0.315%
45	18.195	2506	2509	2514	rVB	42883	51020	1.14%	0.081%
46	18.589	2571	2576	2579	rBV	236958	349903	7.84%	0.553%
47	18.666	2585	2589	2596	rVB	148814	211636	4.74%	0.334%
48	18.742	2598	2602	2607	rVB	39340	55156	1.24%	0.087%
49	18.813	2607	2614	2618	rBV3	180005	330878	7.41%	0.523%
50	19.095	2658	2662	2667	rBV	91895	132963	2.98%	0.210%
51	19.148	2667	2671	2679	rVB	118073	166558	3.73%	0.263%
52	19.342	2697	2704	2707	rBV5	25763	45194	1.01%	0.071%
53	19.507	2726	2732	2737	rBV3	43119	93538	2.10%	0.148%
54	19.660	2752	2758	2762	rBV2	52121	94112	2.11%	0.149%
55	19.777	2767	2778	2784	rVB	2352234	3069962	68.79%	4.848%
56	19.836	2784	2788	2792	rBV2	120760	189856	4.25%	0.300%
57	19.960	2806	2809	2812	rBV4	25020	34587	0.77%	0.055%
58	20.001	2812	2816	2817	rVV2	47927	65597	1.47%	0.104%
59	20.018	2817	2819	2824	rVV	66645	89127	2.00%	0.141%
60	20.107	2828	2834	2837	rBV2	2595444	4166573	93.36%	6.580%
61	20.136	2837	2839	2846	rVV	1901006	2226652	49.89%	3.516%
62	20.195	2846	2849	2856	rVB2	76550	101982	2.29%	0.161%
63	20.307	2864	2868	2872	rVB	105393	134762	3.02%	0.213%
64	20.371	2875	2879	2885	rVB	63911	94058	2.11%	0.149%
65	20.448	2886	2892	2898	rBV3	94523	231978	5.20%	0.366%
66	20.507	2898	2902	2906	rVB	48540	63737	1.43%	0.101%
67	20.583	2908	2915	2916	rBV4	87581	145625	3.26%	0.230%
68	20.618	2917	2921	2925	rVB	234664	334166	7.49%	0.528%
69	20.713	2933	2937	2941	rBV2	185170	253503	5.68%	0.400%
70	20.754	2941	2944	2945	rVV3	60961	78300	1.75%	0.124%
71	20.771	2945	2947	2951	rVV	120025	157454	3.53%	0.249%

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72	20.807	2951	2953	2957	rVB2	62987	66974	1.50%	0.106%
73	20.913	2968	2971	2974	rBV	81728	93508	2.10%	0.148%
74	20.960	2975	2979	2986	rVB3	94020	165791	3.71%	0.262%
75	21.071	2995	2998	3001	rVB2	39427	40476	0.91%	0.064%
76	21.354	3042	3046	3051	rBV	132562	182734	4.09%	0.289%
77	21.524	3070	3075	3078	rBV2	256258	432634	9.69%	0.683%
78	21.601	3084	3088	3092	rBV2	189625	274758	6.16%	0.434%
79	21.642	3092	3095	3100	rVB2	139633	211350	4.74%	0.334%
80	21.736	3108	3111	3113	rBV	82371	107157	2.40%	0.169%
81	21.877	3127	3135	3139	rBV2	2198782	4462974	100.00%	7.048%
82	21.913	3139	3141	3150	rVB	982849	1214257	27.21%	1.918%
83	22.042	3159	3163	3168	rBV	188035	269263	6.03%	0.425%
84	22.101	3170	3173	3175	rBV2	42132	54723	1.23%	0.086%
85	22.212	3188	3192	3197	rBV	165942	236153	5.29%	0.373%
86	22.465	3229	3235	3240	rVB3	104195	231748	5.19%	0.366%
87	22.689	3270	3273	3277	rBV3	73489	110173	2.47%	0.174%
88	22.789	3287	3290	3296	rVB2	79428	114560	2.57%	0.181%
89	22.954	3315	3318	3322	rVB	82481	96943	2.17%	0.153%
90	23.512	3408	3413	3419	rVB2	180613	325597	7.30%	0.514%
91	23.601	3421	3428	3433	rBV	770657	1869579	41.89%	2.953%
92	23.789	3456	3460	3467	rVB	134742	238700	5.35%	0.377%
93	24.142	3514	3520	3524	rBV2	540843	1076079	24.11%	1.699%
94	24.201	3524	3530	3535	rVV2	1315861	2872802	64.37%	4.537%
95	24.248	3535	3538	3547	rVB	663891	1131283	25.35%	1.787%
96	24.354	3549	3556	3562	rBV	1114324	2279807	51.08%	3.600%
97	24.865	3639	3643	3655	rVB2	174691	415659	9.31%	0.656%
98	25.706	3782	3786	3793	rVB	132166	262810	5.89%	0.415%
99	26.912	3982	3991	4002	rVB	282627	901394	20.20%	1.424%
100	27.695	4117	4124	4136	rVB2	166254	515570	11.55%	0.814%

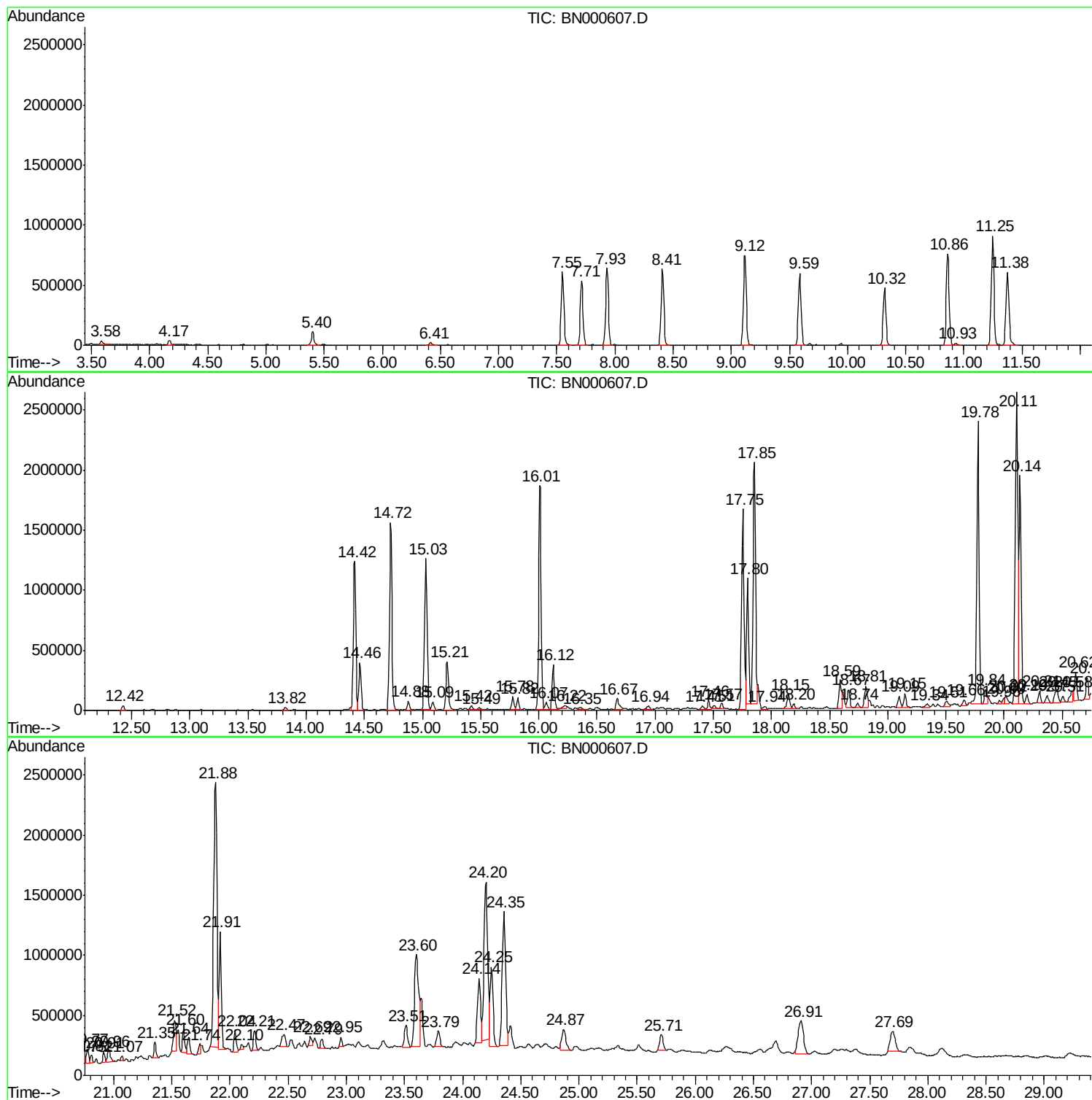
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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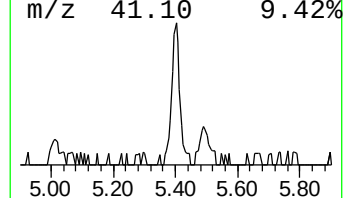
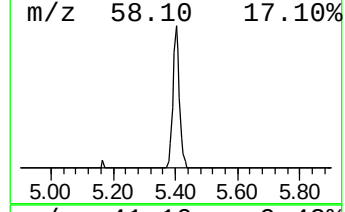
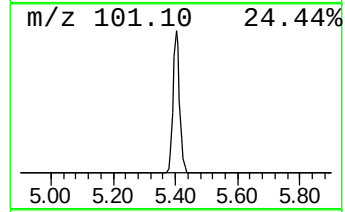
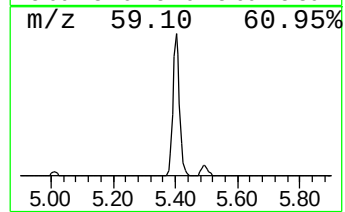
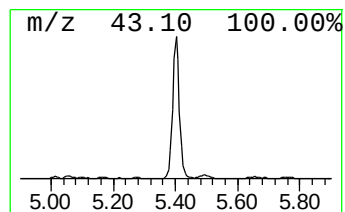
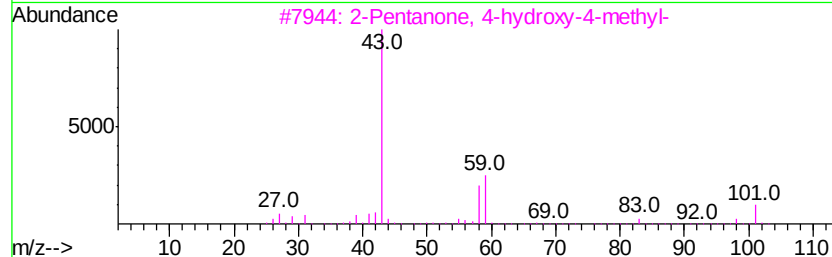
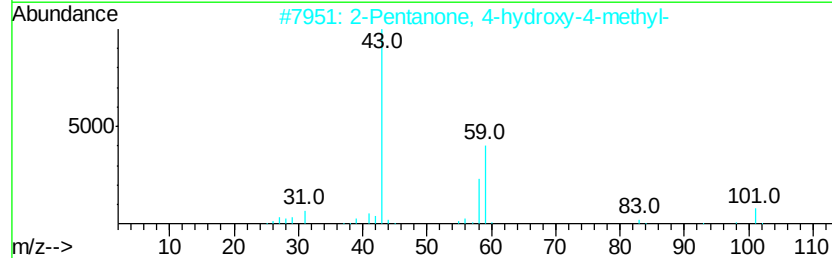
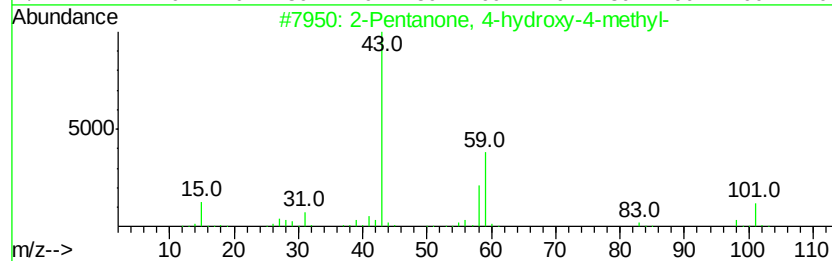
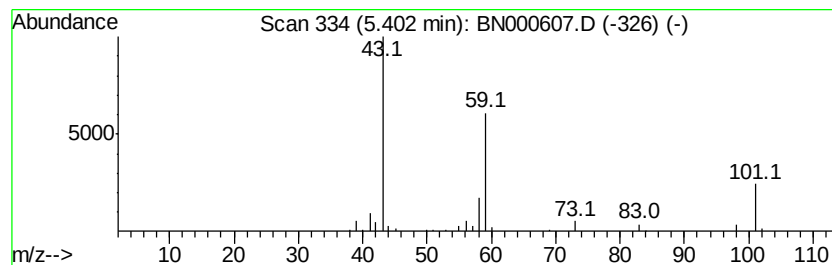
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	3.47 ng/ul	179364	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36		
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25		



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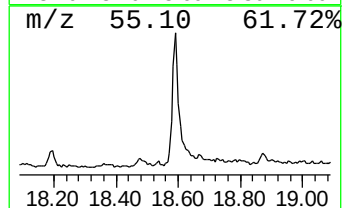
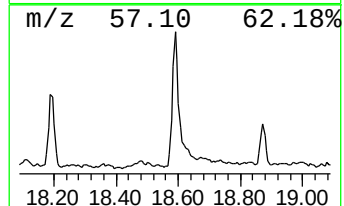
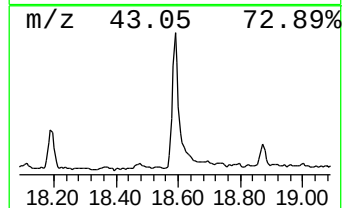
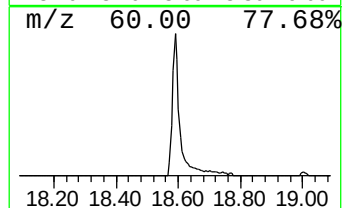
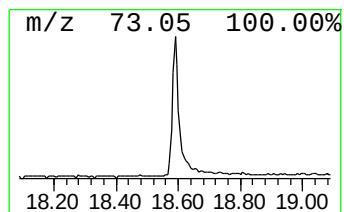
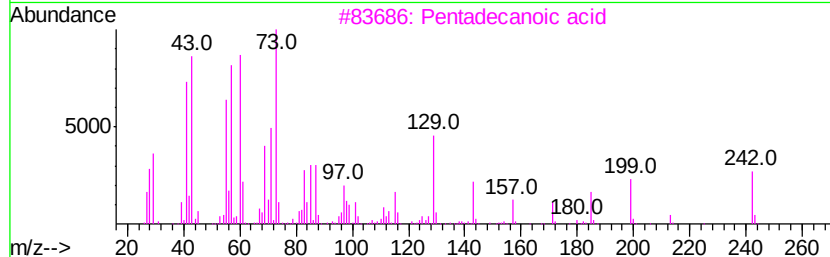
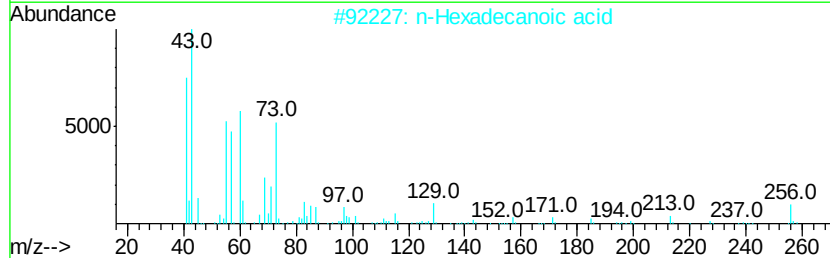
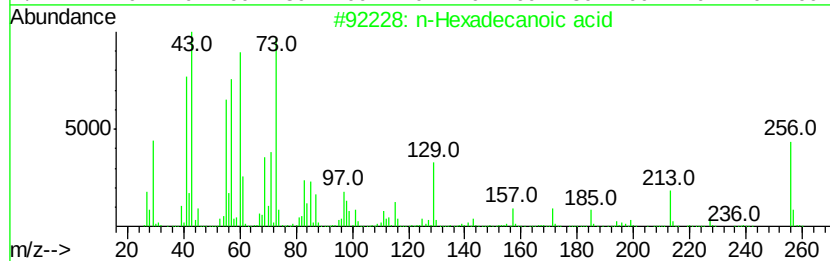
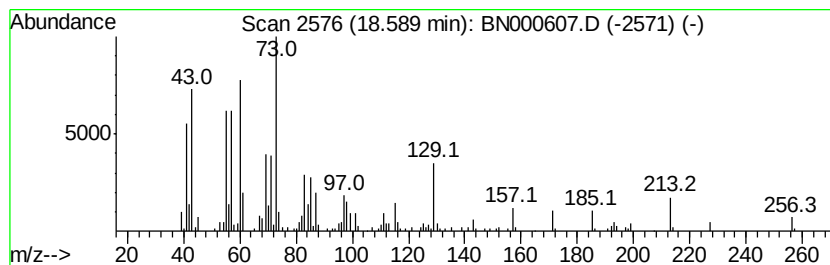
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.59	2.88 ng/ul	349903	Phenanthrene-d10	17.75		
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	94	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	



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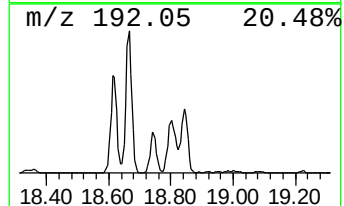
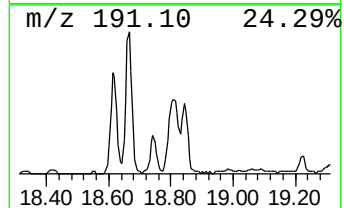
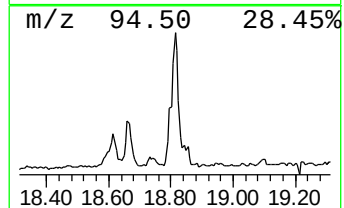
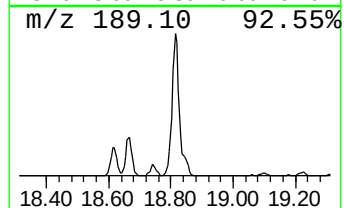
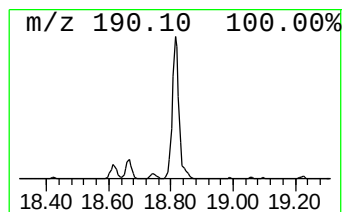
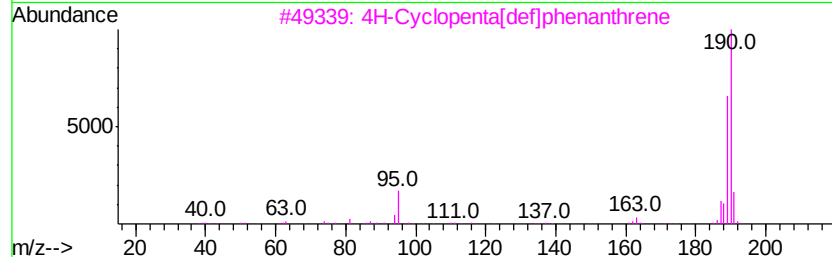
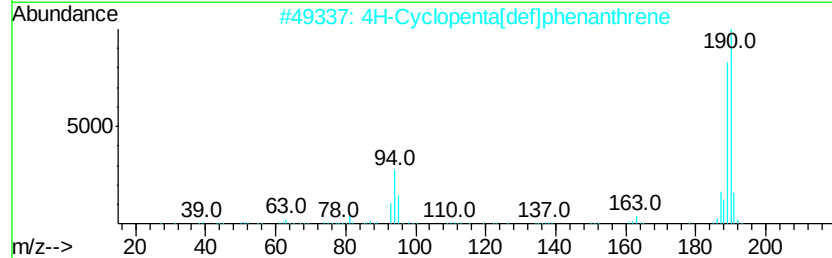
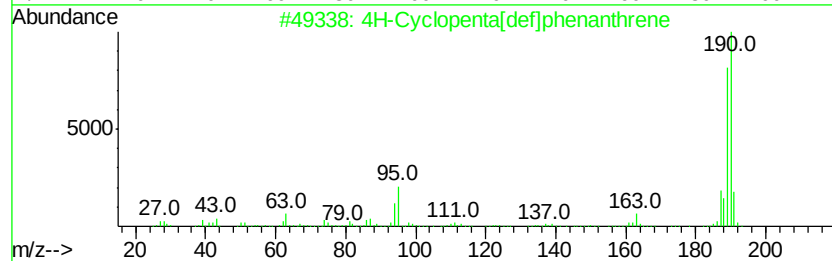
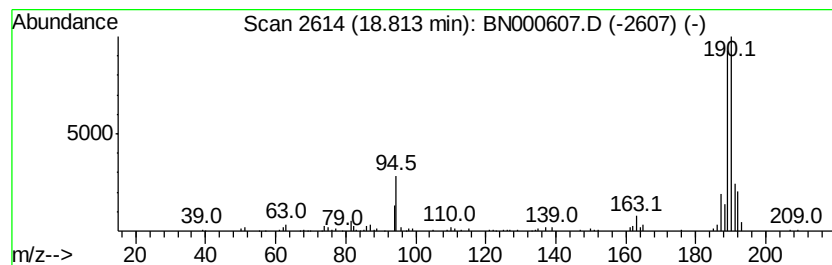
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.72 ng/ul	330878	Phenanthrene-d10	17.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		Methyl diselenide	190	C2H6Se2	007101-31-7	45
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	27



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000607.D
Acq On : 24 Mar 2018 08:01
Operator : JU/SJ
Sample : J1951-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW1

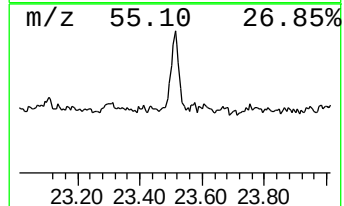
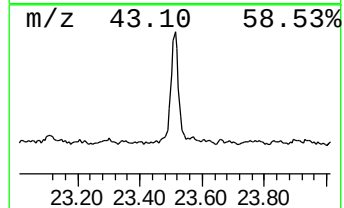
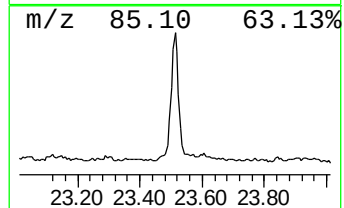
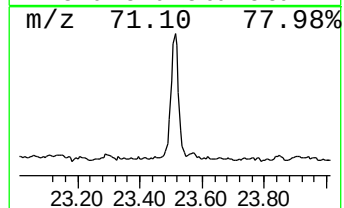
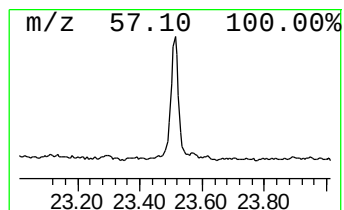
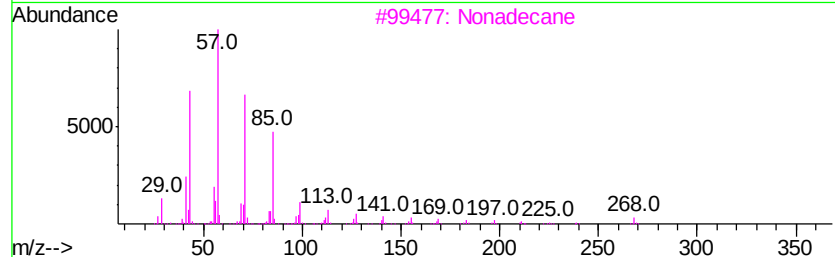
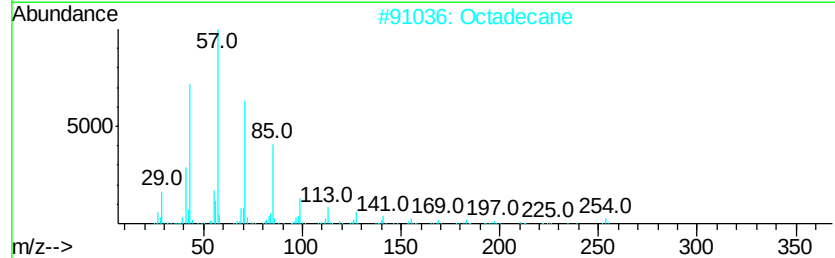
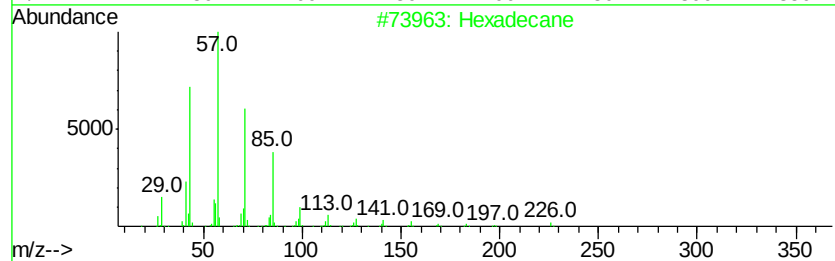
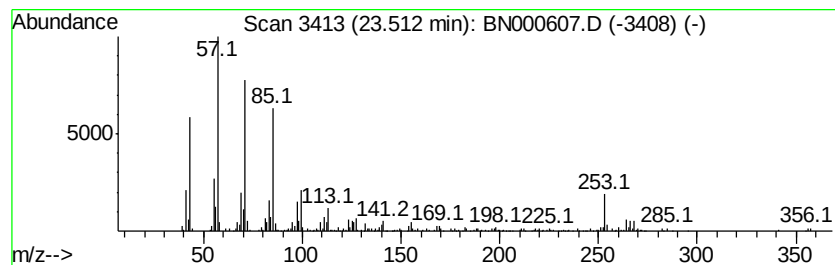
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Quant Title : SVOA CALIBRATION

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.
23.51	2.86 ng/ul	325597	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Octadecane	254	C18H38	000593-45-3	94
3		Nonadecane	268	C19H40	000629-92-5	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000607.D
Acq On : 24 Mar 2018 08:01
Operator : JU/SJ
Sample : J1951-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

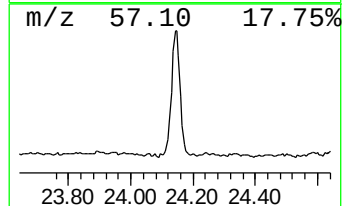
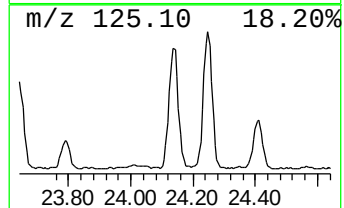
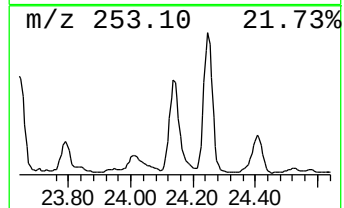
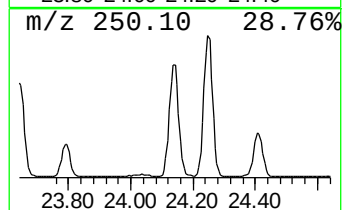
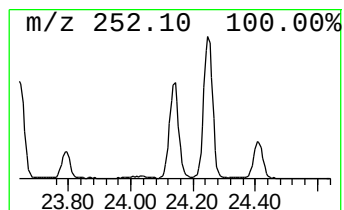
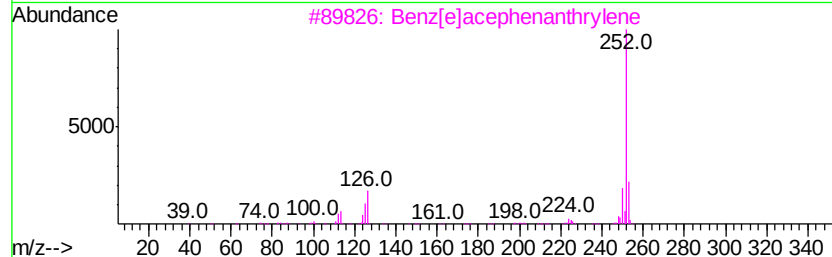
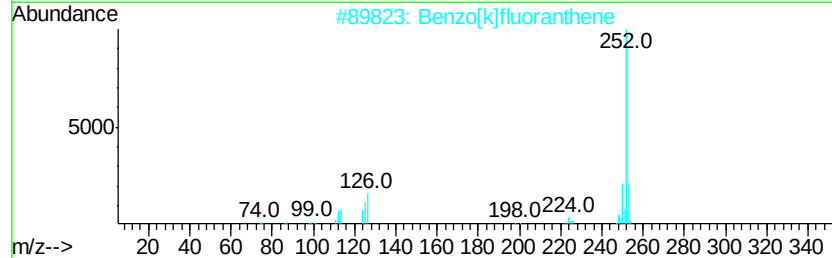
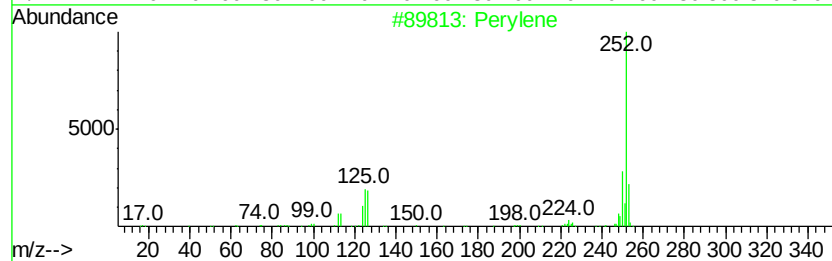
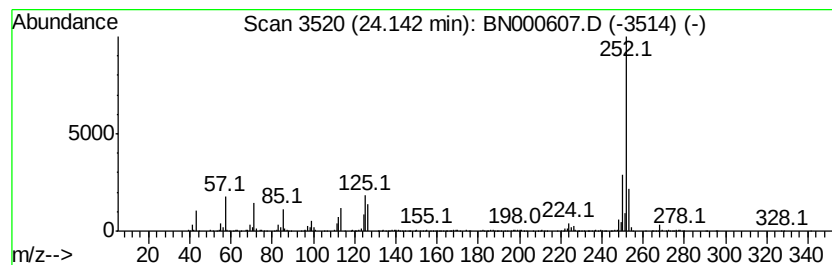
Instrument :
BNA_N
ClientSampleId :
C0AW1

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 6 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	9.44 ng/ul	1076080	Perylene-d12	24.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Perylene	252 C20H12	000198-55-0 98
2		Benzo[k]fluoranthene	252 C20H12	000207-08-9 98
3		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 97
4		Benzo[e]pyrene	252 C20H12	000192-97-2 97
5		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 95



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000607.D
Acq On : 24 Mar 2018 08:01
Operator : JU/SJ
Sample : J1951-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

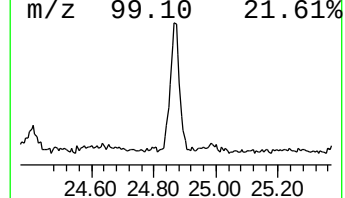
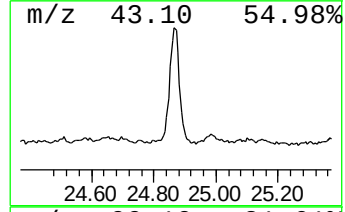
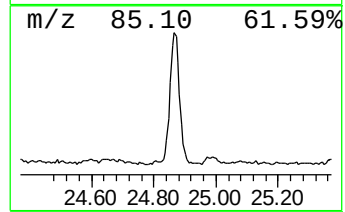
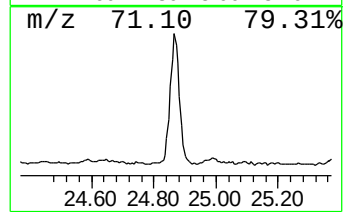
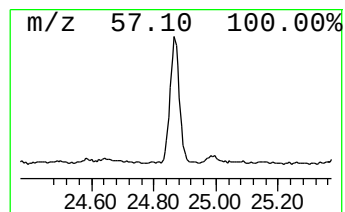
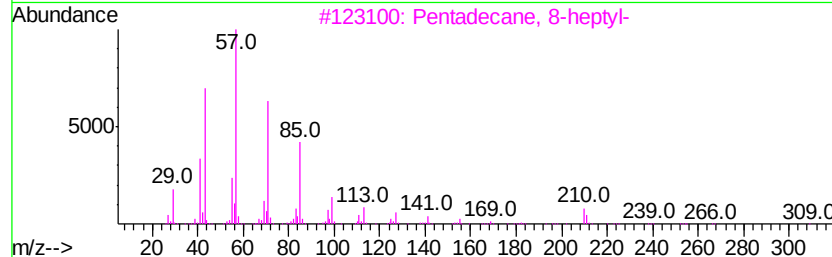
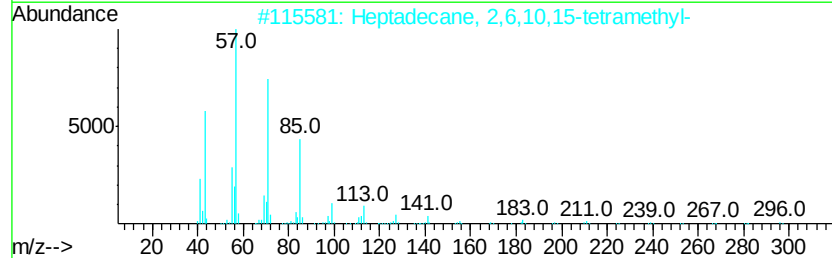
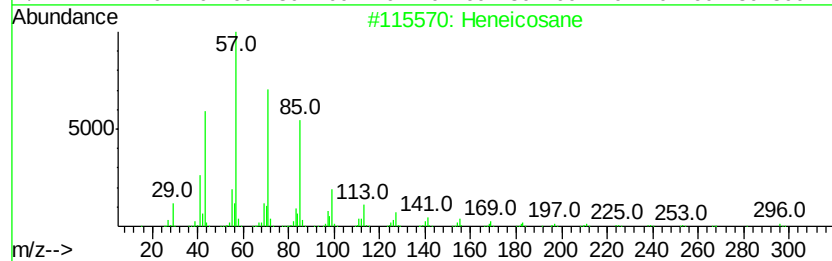
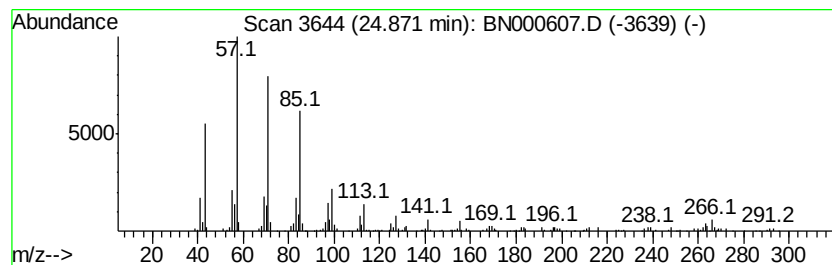
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.87	3.65 ng/ul	415659	Perylene-d12	24.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000607.D
Acq On : 24 Mar 2018 08:01
Operator : JU/SJ
Sample : J1951-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW1

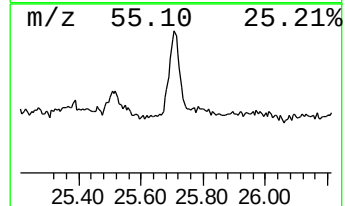
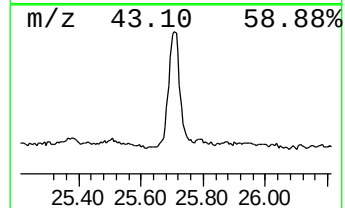
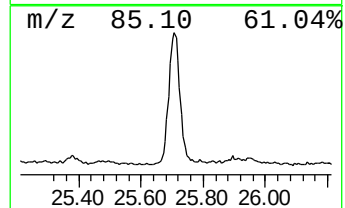
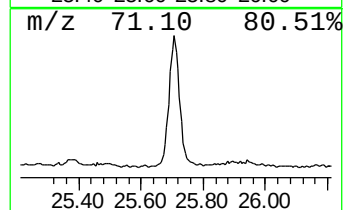
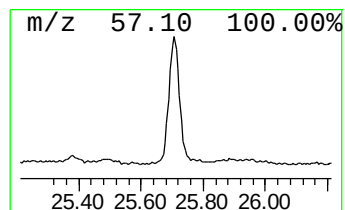
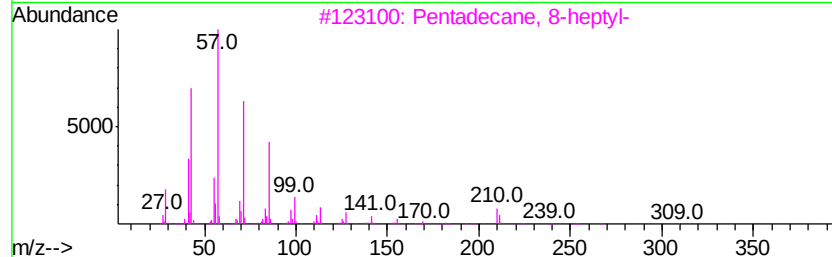
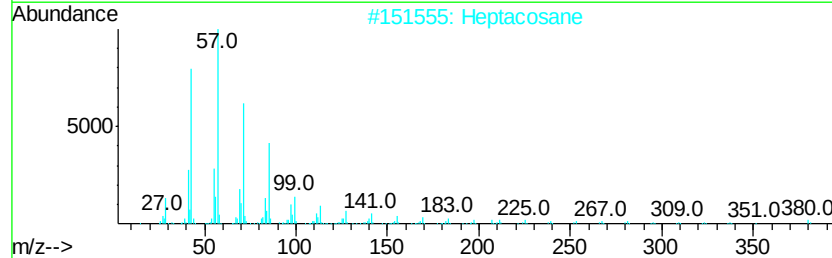
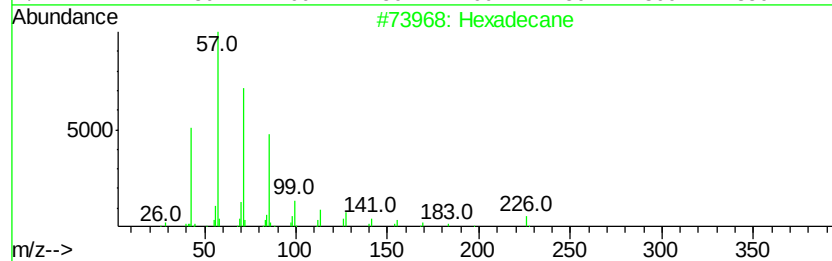
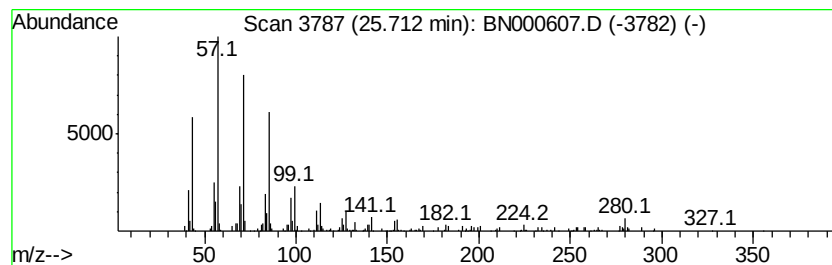
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	2.31 ng/ul	262810	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Octadecane	254	C18H38	000593-45-3	89



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000607.D
Acq On : 24 Mar 2018 08:01
Operator : JU/SJ
Sample : J1951-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW1

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
2-Pentanone, 4-hy...	5.40	3.5	ng/ul	179364	1	8.41	1033250	20.0
n-Hexadecanoic acid	18.59	2.9	ng/ul	349903	4	17.75	2431720	20.0
4H-Cyclopenta[def...	18.81	2.7	ng/ul	330878	4	17.75	2431720	20.0
(DEL) Alkane: Str...	23.51	2.9	ng/ul	325597	6	24.35	2279810	20.0
Perylene	24.14	9.4	ng/ul	1076080	6	24.35	2279810	20.0
(DEL) Alkane: Str...	24.87	3.6	ng/ul	415659	6	24.35	2279810	20.0
(DEL) Alkane: Str...	25.71	2.3	ng/ul	262810	6	24.35	2279810	20.0