

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
 Data File : BN000663.D
 Acq On : 28 Mar 2018 17:28
 Operator : JU/SJ
 Sample : J2060-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AT2

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	34	rVB	42268	67374	1.35%	0.086%
2	4.172	119	125	131	rBV	30213	47604	0.95%	0.060%
3	5.402	327	334	343	rVV2	57826	103459	2.07%	0.131%
4	7.549	693	699	712	rBV	744040	1318520	26.44%	1.675%
5	7.713	720	727	736	rBV	727733	1142773	22.92%	1.452%
6	7.931	757	764	772	rBV	727139	1194944	23.96%	1.518%
7	8.407	838	845	857	rBV	641699	1055026	21.16%	1.341%
8	9.119	959	966	974	rBV	928276	1541306	30.91%	1.958%
9	9.590	1038	1046	1056	rBV	812489	1355204	27.18%	1.722%
10	10.319	1163	1170	1183	rVB	499463	844549	16.94%	1.073%
11	10.866	1255	1263	1278	rBV	798210	1371688	27.51%	1.743%
12	11.248	1320	1328	1334	rBV	918091	1581629	31.72%	2.010%
13	11.295	1334	1336	1342	rVB	31665	42806	0.86%	0.054%
14	11.378	1342	1350	1364	rBV	904558	1620424	32.50%	2.059%
15	13.819	1757	1765	1770	rBV	34507	48619	0.98%	0.062%
16	14.413	1860	1866	1871	rVV	1697156	2443333	49.00%	3.105%
17	14.460	1871	1874	1879	rVV	296827	400181	8.03%	0.508%
18	14.725	1913	1919	1929	rBV	2061214	3120920	62.59%	3.966%
19	14.878	1940	1945	1950	rVV	101669	123897	2.48%	0.157%
20	15.025	1961	1970	1977	rVV2	1245005	2011966	40.35%	2.556%
21	15.089	1977	1981	1987	rVB	118501	167535	3.36%	0.213%
22	15.231	1998	2005	2013	rBV3	32812	65262	1.31%	0.083%
23	15.419	2032	2037	2044	rVV	58227	86711	1.74%	0.110%
24	15.819	2100	2105	2110	rVV	124702	161956	3.25%	0.206%
25	16.007	2131	2137	2143	rVV	2445760	3617111	72.54%	4.596%
26	16.066	2143	2147	2152	rVB	97074	140362	2.81%	0.178%
27	16.219	2164	2173	2185	rVB4	38371	126912	2.55%	0.161%
28	16.672	2245	2250	2258	rBV	106919	179470	3.60%	0.228%
29	17.460	2380	2384	2388	rBV2	63593	88168	1.77%	0.112%
30	17.507	2388	2392	2396	rVV4	29861	45126	0.90%	0.057%
31	17.572	2399	2403	2409	rVB	58155	82682	1.66%	0.105%
32	17.754	2425	2434	2438	rBV	1584470	2341875	46.97%	2.976%
33	17.795	2438	2441	2445	rVB	1178595	1513844	30.36%	1.924%
34	17.854	2445	2451	2455	rBV2	2458494	3688366	73.97%	4.687%

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35	17.942	2462	2466	2470	rVB	40254	57866	1.16%	0.074%
36	18.148	2492	2501	2506	rBV2	195597	334612	6.71%	0.425%
37	18.189	2506	2508	2516	rVB	48883	52086	1.04%	0.066%
38	18.613	2572	2580	2584	rBV	120846	206695	4.15%	0.263%
39	18.660	2584	2588	2595	rVB	183595	262195	5.26%	0.333%
40	18.742	2596	2602	2607	rVB2	72273	102635	2.06%	0.130%
41	18.813	2607	2614	2618	rBV	225289	405932	8.14%	0.516%
42	19.095	2657	2662	2667	rBV	118911	164018	3.29%	0.208%
43	19.148	2667	2671	2680	rVB2	43238	61229	1.23%	0.078%
44	19.342	2700	2704	2708	rVB2	31942	44686	0.90%	0.057%
45	19.507	2726	2732	2735	rBV3	55188	106252	2.13%	0.135%
46	19.654	2752	2757	2765	rBV4	39406	80823	1.62%	0.103%
47	19.777	2769	2778	2783	rBV	2862662	3877820	77.77%	4.927%
48	19.866	2789	2793	2800	rBV2	51683	80788	1.62%	0.103%
49	19.995	2811	2815	2817	rVV2	77153	108130	2.17%	0.137%
50	20.019	2817	2819	2827	rVB	101986	156765	3.14%	0.199%
51	20.107	2827	2834	2837	rBV3	3072896	4946375	99.20%	6.285%
52	20.136	2837	2839	2846	rVV	2586432	3150799	63.19%	4.004%
53	20.195	2846	2849	2858	rVB2	103807	150638	3.02%	0.191%
54	20.307	2863	2868	2872	rVB	152710	192427	3.86%	0.245%
55	20.371	2875	2879	2885	rVB	127002	197490	3.96%	0.251%
56	20.448	2886	2892	2898	rBV4	130442	300950	6.04%	0.382%
57	20.507	2898	2902	2907	rBV	77805	101007	2.03%	0.128%
58	20.619	2908	2921	2928	rBV	410272	815496	16.35%	1.036%
59	20.713	2932	2937	2941	rBV3	381948	497407	9.98%	0.632%
60	20.777	2941	2948	2951	rVV2	196920	337849	6.78%	0.429%
61	20.807	2951	2953	2957	rVB2	95072	97271	1.95%	0.124%
62	20.848	2957	2960	2964	rVB2	50473	66049	1.32%	0.084%
63	20.913	2967	2971	2974	rBV3	119324	153296	3.07%	0.195%
64	20.966	2974	2980	2989	rVB2	1213622	1634038	32.77%	2.076%
65	21.066	2995	2997	3002	rVB3	44614	49371	0.99%	0.063%
66	21.195	3015	3019	3021	rBV3	43230	61541	1.23%	0.078%
67	21.307	3035	3038	3042	rBV3	57938	92151	1.85%	0.117%
68	21.354	3042	3046	3052	rVB	141806	204477	4.10%	0.260%
69	21.518	3069	3074	3077	rBV	269566	375593	7.53%	0.477%
70	21.554	3077	3080	3084	rVB	230488	266911	5.35%	0.339%
71	21.601	3084	3088	3092	rBV2	291650	429890	8.62%	0.546%

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72	21.642	3092	3095	3106	rVB2	132884	253592	5.09%	0.322%
73	21.760	3107	3115	3119	rBV2	92944	236882	4.75%	0.301%
74	21.866	3123	3133	3138	rBV3	2217405	4986360	100.00%	6.336%
75	21.913	3138	3141	3150	rVB	1478297	2204108	44.20%	2.801%
76	22.042	3159	3163	3170	rBV	320292	476505	9.56%	0.605%
77	22.101	3170	3173	3176	rVV3	83192	136593	2.74%	0.174%
78	22.160	3180	3183	3187	rVB2	114444	151020	3.03%	0.192%
79	22.213	3187	3192	3197	rBV2	244516	362131	7.26%	0.460%
80	22.465	3228	3235	3239	rVB	196273	386404	7.75%	0.491%
81	22.524	3242	3245	3252	rVB	117611	165134	3.31%	0.210%
82	22.589	3253	3256	3260	rVV2	69717	106802	2.14%	0.136%
83	22.642	3262	3265	3269	rVV3	106248	160291	3.21%	0.204%
84	22.689	3269	3273	3277	rVV3	122343	257692	5.17%	0.327%
85	22.730	3277	3280	3285	rVV	146285	221528	4.44%	0.281%
86	22.789	3286	3290	3299	rVB2	122968	220576	4.42%	0.280%
87	22.948	3314	3317	3321	rBV	73480	92413	1.85%	0.117%
88	23.095	3339	3342	3351	rVB2	76466	139665	2.80%	0.177%
89	23.507	3407	3412	3420	rVB3	170539	320788	6.43%	0.408%
90	23.601	3421	3428	3434	rBV	1091092	2773312	55.62%	3.524%
91	23.789	3455	3460	3467	rBV	192858	356740	7.15%	0.453%
92	24.142	3513	3520	3524	rBV	732366	1480550	29.69%	1.881%
93	24.201	3524	3530	3534	rVV2	1180895	2549048	51.12%	3.239%
94	24.248	3534	3538	3548	rVV	884592	1680568	33.70%	2.135%
95	24.354	3549	3556	3562	rVV	706570	1559559	31.28%	1.982%
96	24.407	3562	3565	3574	rVB	268092	520135	10.43%	0.661%
97	24.859	3637	3642	3654	rVB3	134998	378106	7.58%	0.480%
98	25.701	3780	3785	3794	rVB	102431	240152	4.82%	0.305%
99	26.906	3981	3990	4003	rVB2	406999	1297405	26.02%	1.649%
100	27.706	4116	4126	4138	rVB	306148	1021203	20.48%	1.298%

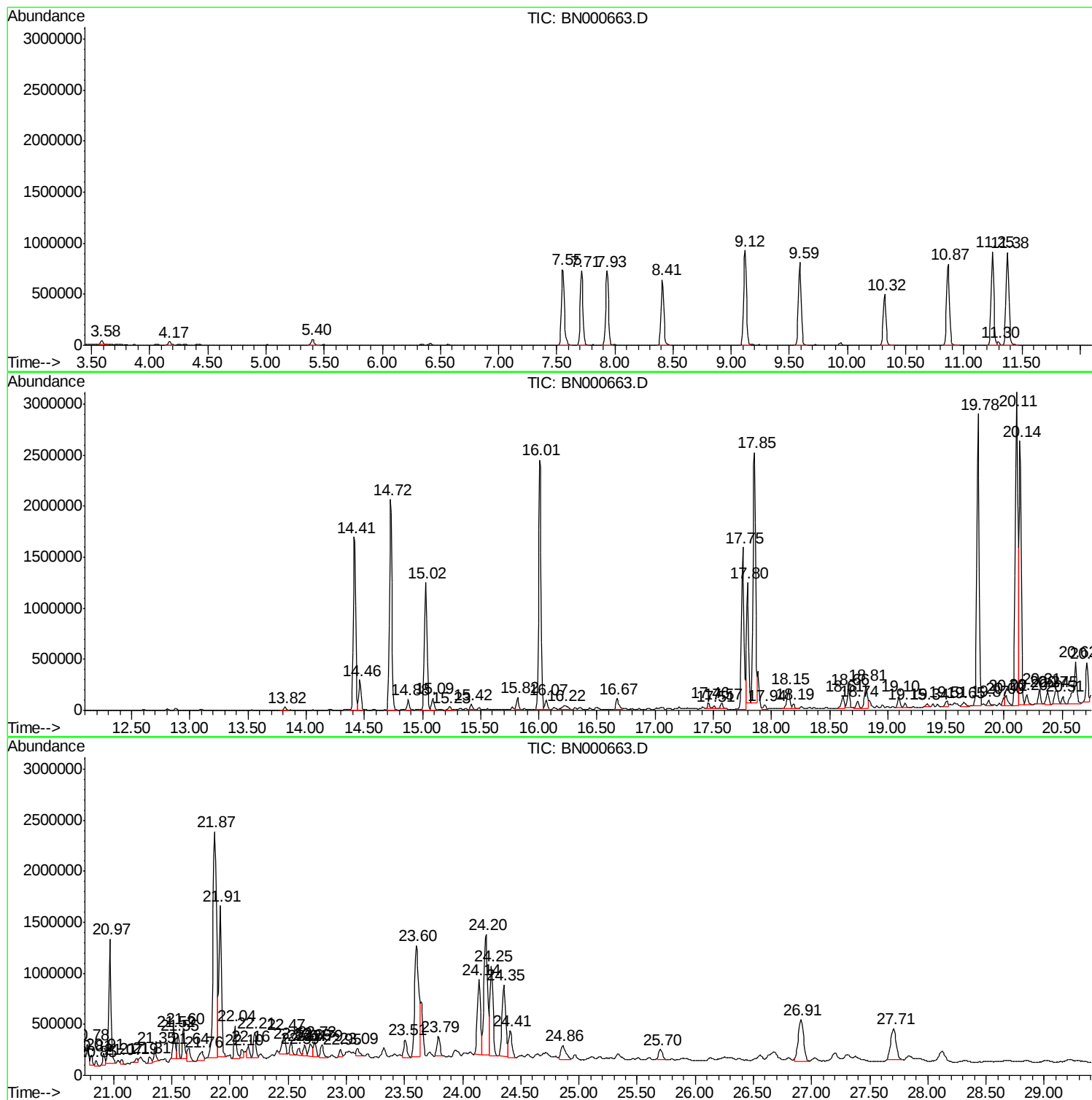
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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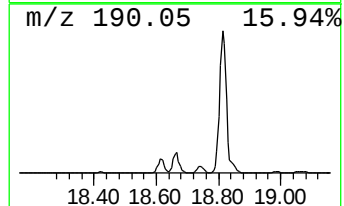
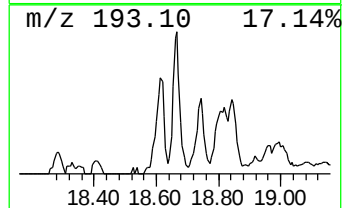
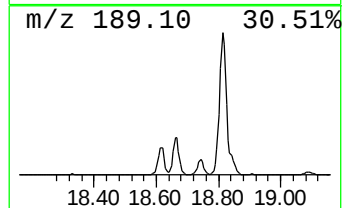
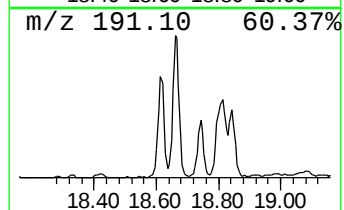
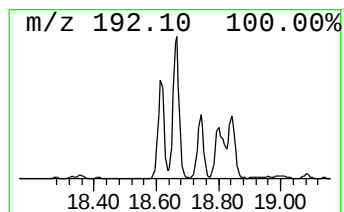
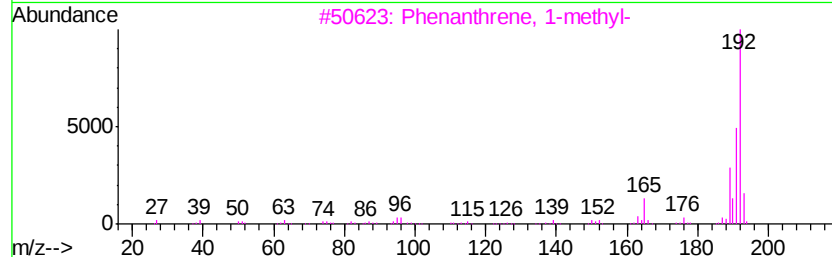
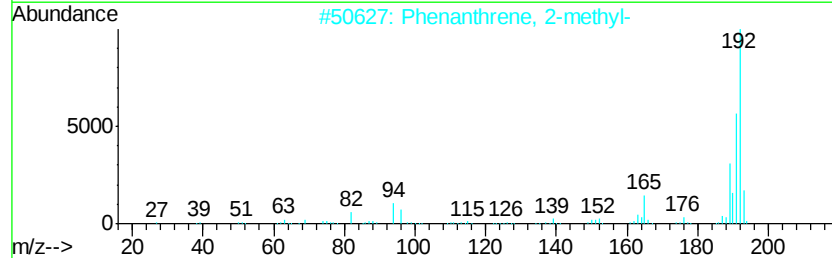
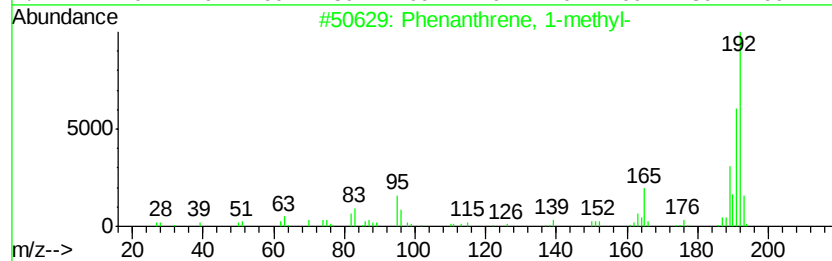
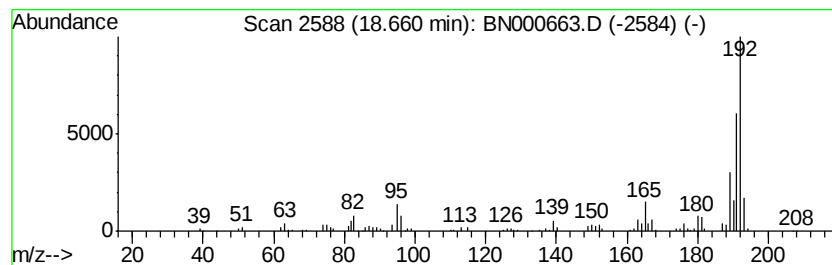
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.66	2.24 ng/ul	262195	Phenanthrene-d10	17.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



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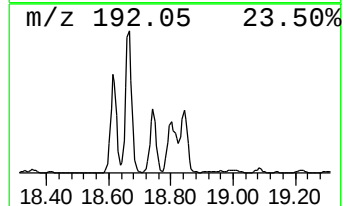
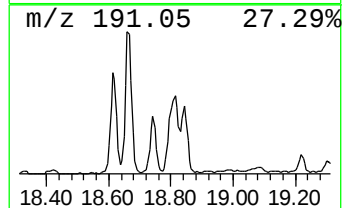
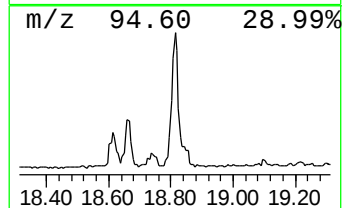
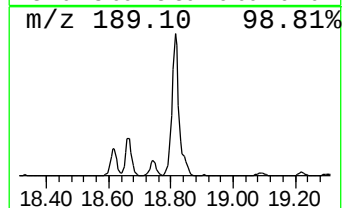
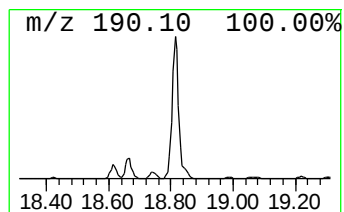
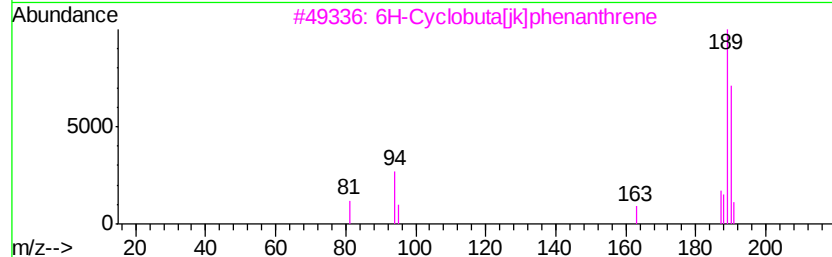
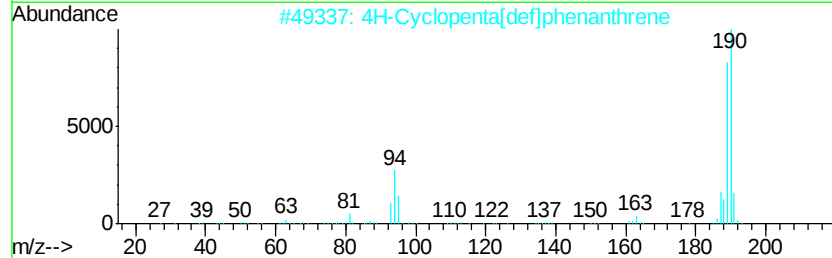
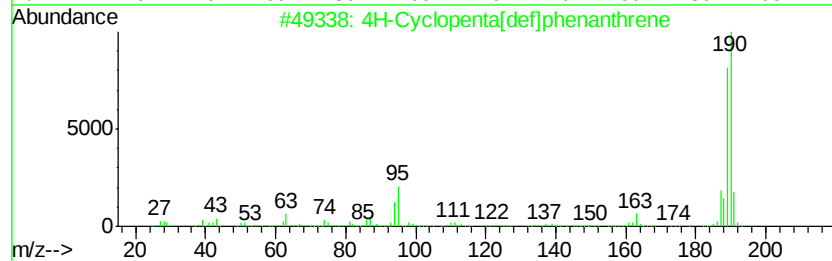
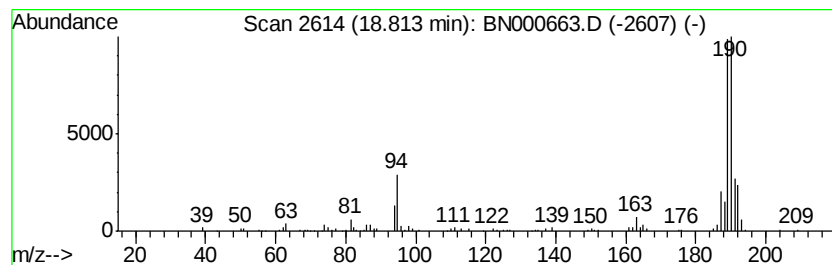
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	3.47 ng/ul	405932	Phenanthrene-d10	17.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47



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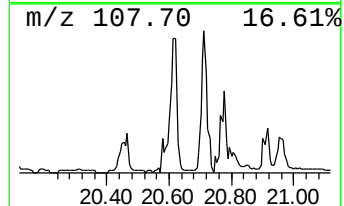
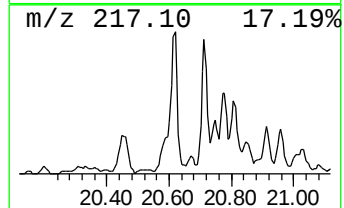
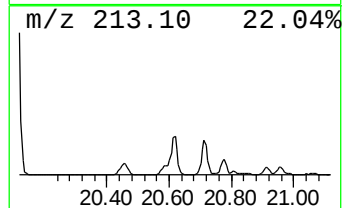
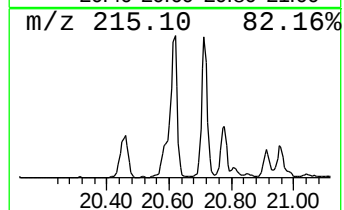
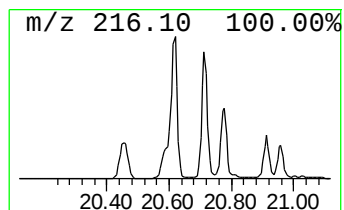
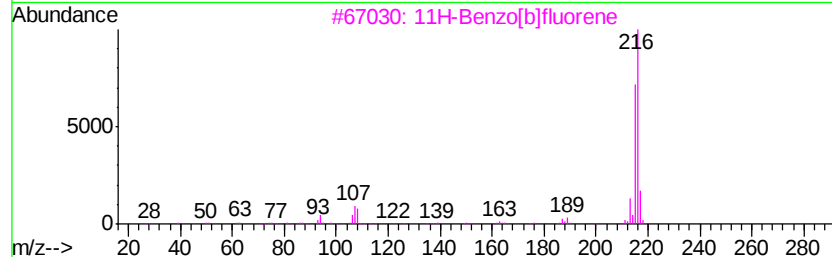
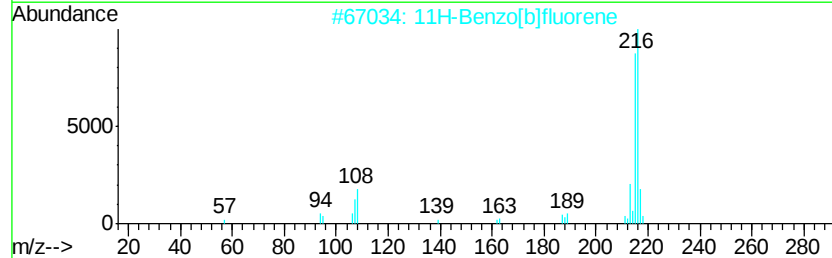
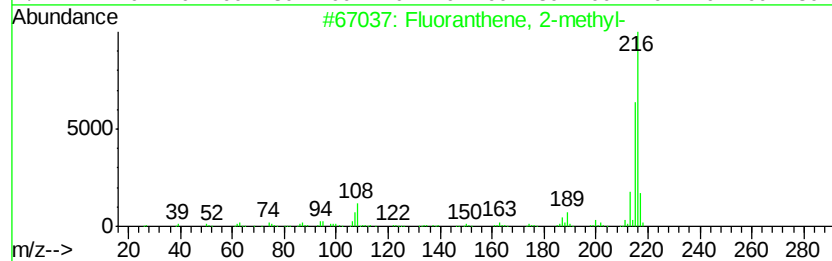
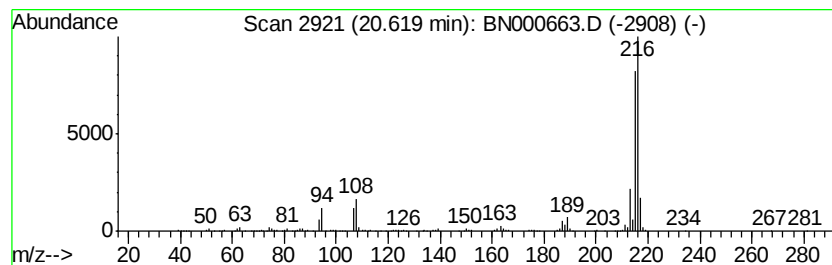
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Peak Number 3 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	3.27 ng/ul	815496	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000663.D
Acq On : 28 Mar 2018 17:28
Operator : JU/SJ
Sample : J2060-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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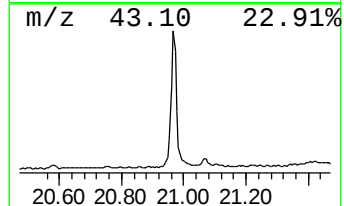
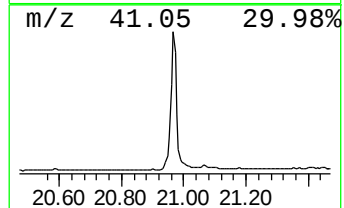
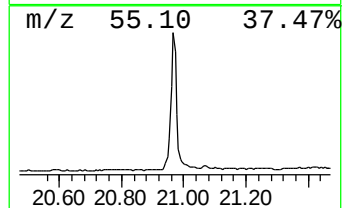
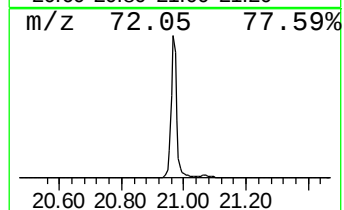
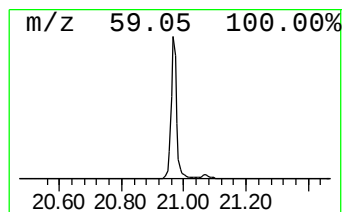
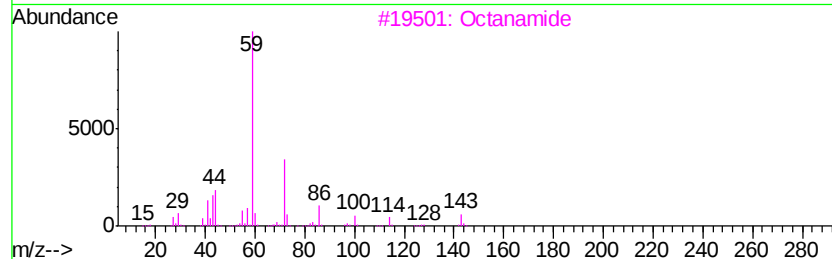
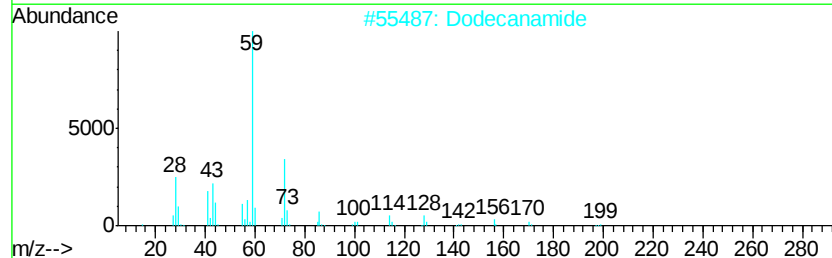
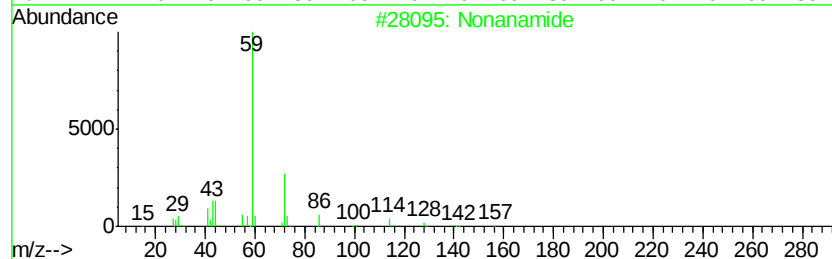
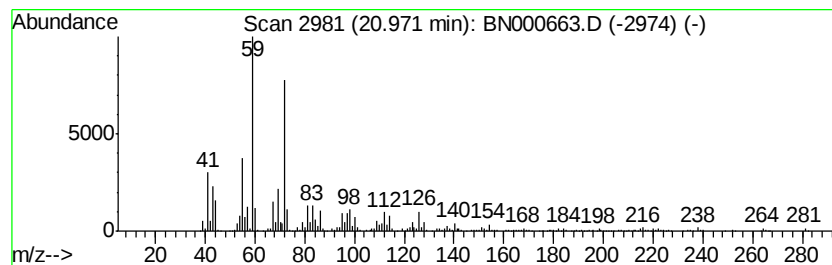
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	6.55 ng/ul	1634040	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanamide	157	C9H19NO	001120-07-6	47
2		Dodecanamide	199	C12H25NO	001120-16-7	47
3		Octanamide	143	C8H17NO	000629-01-6	47
4		Hexadecanamide	255	C16H33NO	000629-54-9	45
5		Dichloroacetic acid, 2-ethoxyeth...	200	C6H10Cl2O3	092704-99-9	38



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000663.D
Acq On : 28 Mar 2018 17:28
Operator : JU/SJ
Sample : J2060-02
Misc :
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Instrument :
BNA_N
ClientSampleId :
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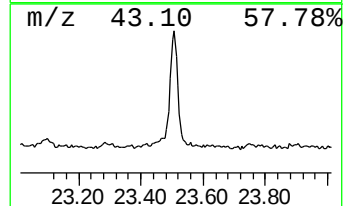
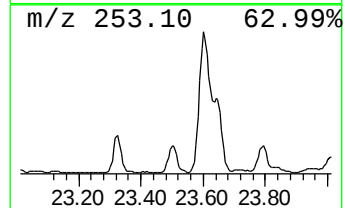
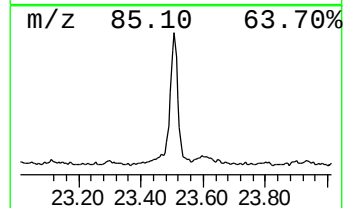
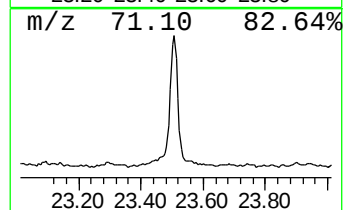
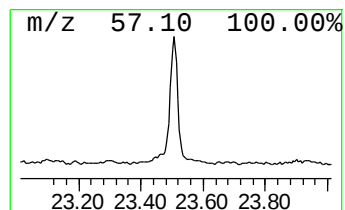
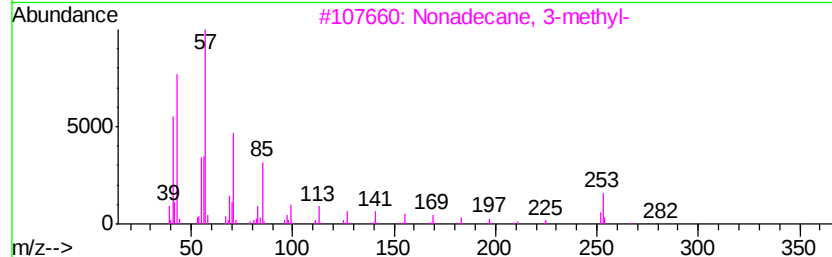
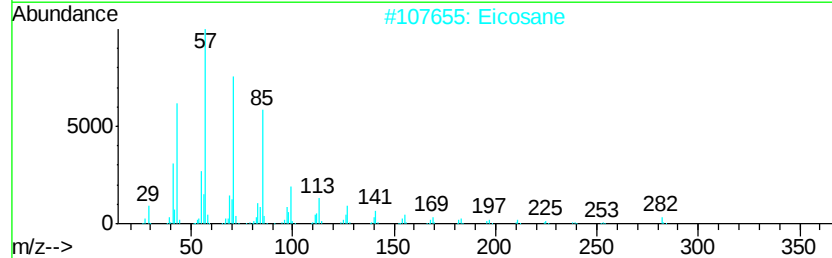
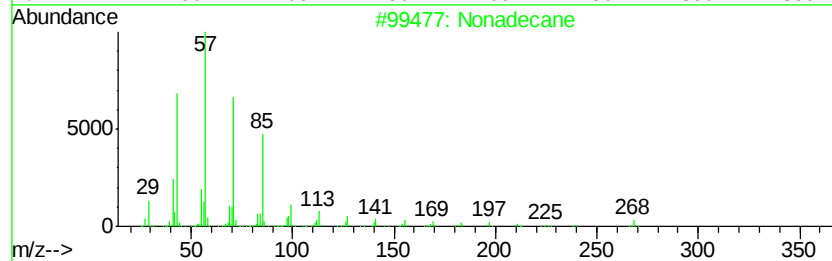
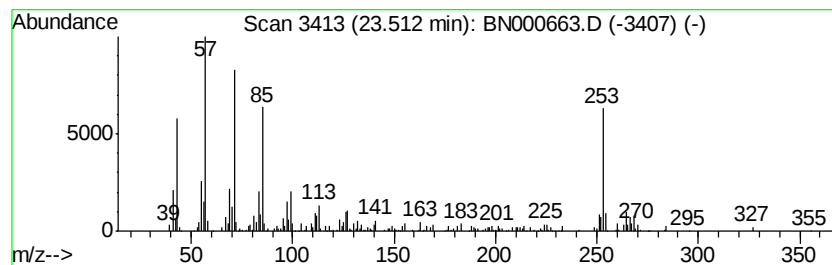
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	4.11 ng/ul	320788	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	87
2		Eicosane	282	C20H42	000112-95-8	64
3		Nonadecane, 3-methyl-	282	C20H42	006418-45-7	58
4		Heneicosane	296	C21H44	000629-94-7	55
5		Heptadecane	240	C17H36	000629-78-7	49



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000663.D
Acq On : 28 Mar 2018 17:28
Operator : JU/SJ
Sample : J2060-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AT2

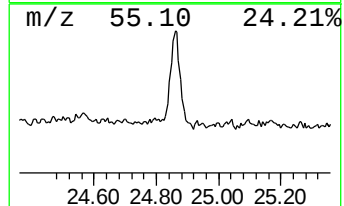
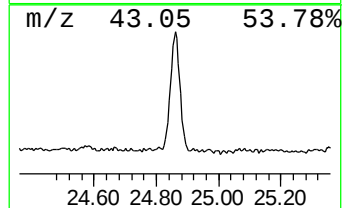
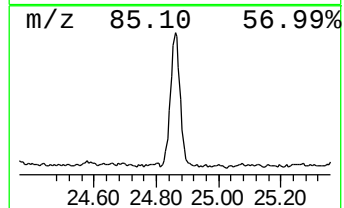
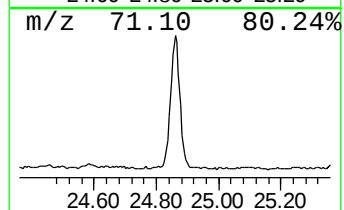
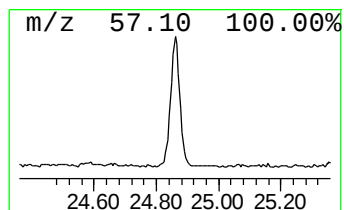
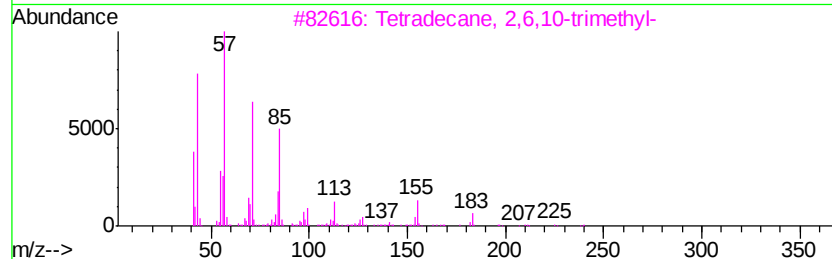
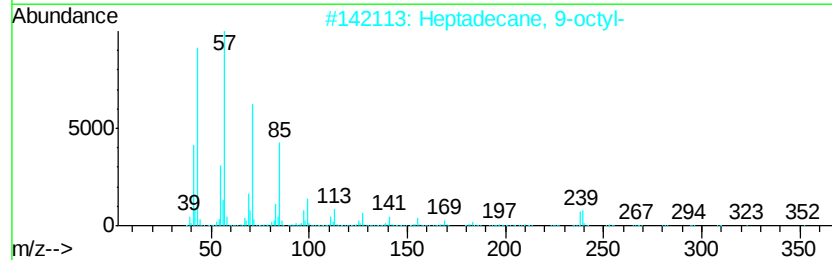
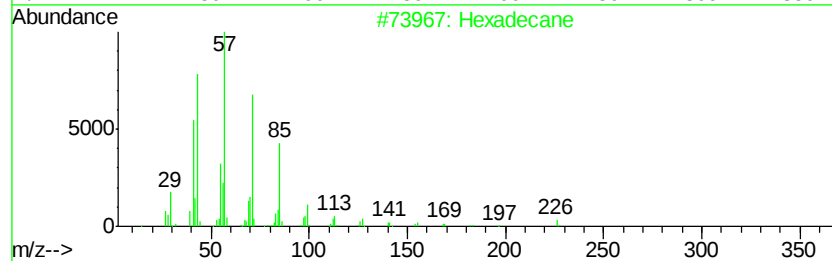
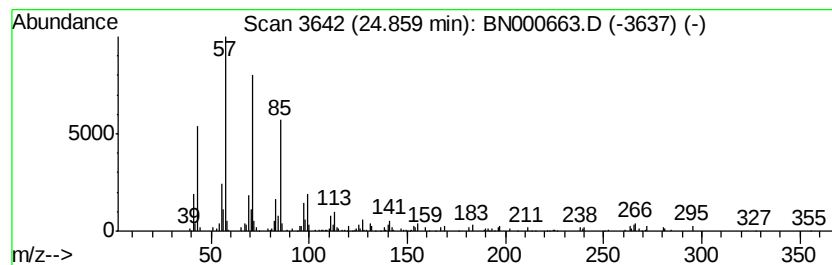
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	4.85 ng/ul	378106	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000663.D
Acq On : 28 Mar 2018 17:28
Operator : JU/SJ
Sample : J2060-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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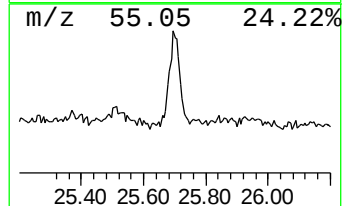
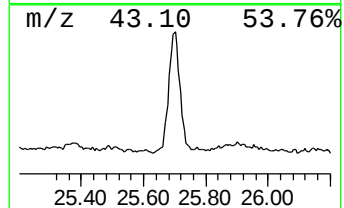
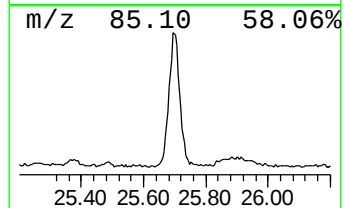
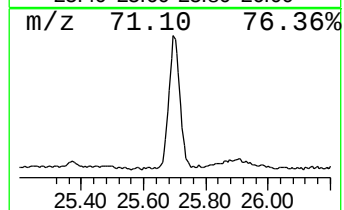
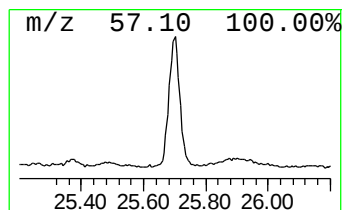
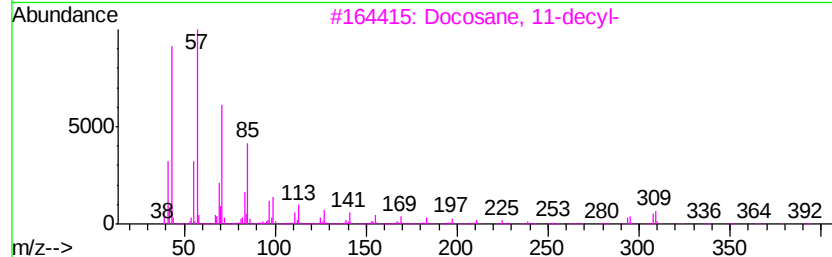
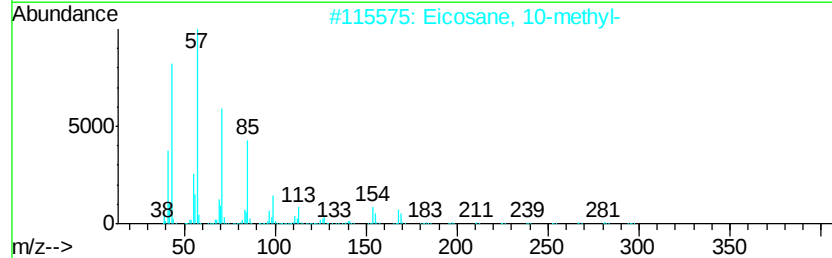
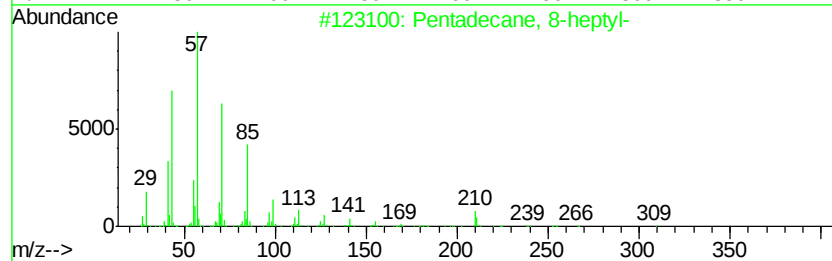
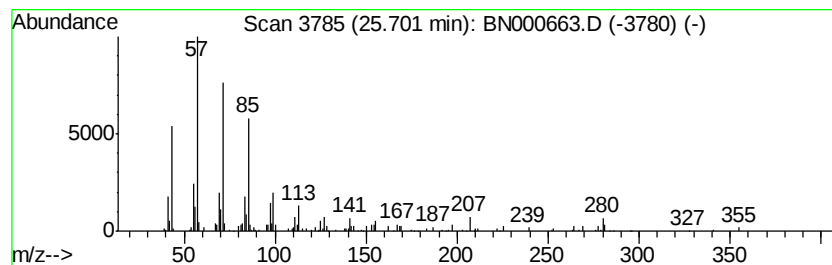
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.70	3.08 ng/ul	240152	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
3			Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000663.D
Acq On : 28 Mar 2018 17:28
Operator : JU/SJ
Sample : J2060-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1-m...	18.66	2.2	ng/ul	262195	4	17.75	2341880	20.0
4H-Cyclopenta[def...	18.81	3.5	ng/ul	405932	4	17.75	2341880	20.0
Fluoranthene, 2-m...	20.62	3.3	ng/ul	815496	5	21.88	4986360	20.0
unknown-01	20.97	6.5	ng/ul	1634040	5	21.88	4986360	20.0
(DEL) Alkane: Str...	23.51	4.1	ng/ul	320788	6	24.35	1559560	20.0
(DEL) Alkane: Str...	24.86	4.8	ng/ul	378106	6	24.35	1559560	20.0
(DEL) Alkane: Str...	25.70	3.1	ng/ul	240152	6	24.35	1559560	20.0