

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000600.D
 Acq On : 24 Mar 2018 04:02
 Operator : JU/SJ
 Sample : J1955-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1034

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	35	rVB	33776	49344	1.39%	0.115%
2	4.172	121	125	134	rVB	8036	11609	0.33%	0.027%
3	4.296	142	146	154	rVB	5918	9555	0.27%	0.022%
4	4.984	257	263	269	rBV	42815	70336	1.98%	0.164%
5	5.402	327	334	344	rVB	191196	281935	7.95%	0.658%
6	6.413	501	506	516	rBV	19241	30064	0.85%	0.070%
7	6.555	524	530	536	rVB3	3341	8284	0.23%	0.019%
8	7.549	689	699	714	rBV	575158	953415	26.88%	2.224%
9	7.713	720	727	734	rBV	508006	784287	22.11%	1.829%
10	7.931	757	764	772	rBV	585652	931807	26.27%	2.173%
11	8.002	772	776	779	rVB2	6344	8268	0.23%	0.019%
12	8.407	838	845	856	rVB	704575	1151786	32.47%	2.686%
13	9.113	958	965	974	rBV	711328	1190988	33.58%	2.778%
14	9.590	1039	1046	1056	rVV	545812	893571	25.19%	2.084%
15	9.678	1056	1061	1066	rVV2	7675	13246	0.37%	0.031%
16	9.943	1101	1106	1111	rVB	16753	24355	0.69%	0.057%
17	10.319	1163	1170	1178	rBV	430006	717331	20.22%	1.673%
18	10.860	1254	1262	1274	rBV	676552	1131944	31.91%	2.640%
19	11.249	1320	1328	1336	rBV	1001858	1690615	47.66%	3.943%
20	11.378	1342	1350	1360	rBV	670804	1168673	32.95%	2.726%
21	12.425	1523	1528	1534	rVB2	16360	21905	0.62%	0.051%
22	12.807	1587	1593	1598	rVB2	10329	15698	0.44%	0.037%
23	13.819	1760	1765	1771	rBV	21251	28789	0.81%	0.067%
24	14.413	1857	1866	1871	rVV	1212236	1737754	48.99%	4.053%
25	14.460	1871	1874	1879	rVV	286579	384958	10.85%	0.898%
26	14.507	1879	1882	1891	rVB	9014	14580	0.41%	0.034%
27	14.584	1891	1895	1899	rBV2	6615	9993	0.28%	0.023%
28	14.725	1913	1919	1930	rBV	1437980	2128779	60.02%	4.965%
29	14.878	1939	1945	1950	rVB	81299	98848	2.79%	0.231%
30	14.954	1953	1958	1964	rBV3	5477	10483	0.30%	0.024%
31	15.031	1964	1971	1978	rVV2	1399688	2201537	62.07%	5.135%
32	15.213	1995	2002	2014	rBV	474019	706131	19.91%	1.647%
33	15.313	2016	2019	2026	rVV5	8952	20591	0.58%	0.048%
34	15.372	2026	2029	2034	rVV3	10114	15192	0.43%	0.035%

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000600.D
 Acq On : 24 Mar 2018 04:02
 Operator : JU/SJ
 Sample : J1955-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1034

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

35	15.425	2034	2038	2045	rVB3	11693	16443	0.46%	0.038%
36	15.489	2045	2049	2057	rBV3	16494	27253	0.77%	0.064%
37	15.560	2057	2061	2066	rVV2	7519	9544	0.27%	0.022%
38	15.778	2092	2098	2101	rBV	22060	28330	0.80%	0.066%
39	15.819	2101	2105	2110	rVB	100239	119905	3.38%	0.280%
40	15.931	2119	2124	2131	rVB6	4641	10266	0.29%	0.024%
41	16.007	2131	2137	2144	rBV	1737967	2568808	72.42%	5.991%
42	16.125	2151	2157	2165	rBV	424188	572102	16.13%	1.334%
43	16.225	2165	2174	2176	rBV2	23425	49065	1.38%	0.114%
44	16.319	2186	2190	2193	rVB	7036	8551	0.24%	0.020%
45	16.372	2194	2199	2202	rBV3	8432	12129	0.34%	0.028%
46	16.442	2207	2211	2214	rVB3	10405	13042	0.37%	0.030%
47	16.672	2245	2250	2259	rVV	90031	152030	4.29%	0.355%
48	16.954	2292	2298	2303	rBV4	13661	19818	0.56%	0.046%
49	17.013	2303	2308	2315	rBV4	8469	18238	0.51%	0.043%
50	17.178	2333	2336	2343	rBV2	9028	11945	0.34%	0.028%
51	17.460	2379	2384	2389	rBV	62576	75949	2.14%	0.177%
52	17.507	2389	2392	2396	rVV2	14168	21690	0.61%	0.051%
53	17.754	2428	2434	2439	rBV2	1794491	2608658	73.54%	6.084%
54	17.795	2439	2441	2445	rVV	135603	153372	4.32%	0.358%
55	17.854	2445	2451	2461	rVV2	1862903	2778527	78.33%	6.480%
56	18.089	2485	2491	2493	rBV5	5267	10154	0.29%	0.024%
57	18.148	2498	2501	2504	rVV2	7741	10928	0.31%	0.025%
58	18.195	2504	2509	2513	rVV	24436	31988	0.90%	0.075%
59	18.478	2551	2557	2560	rBV6	3974	8540	0.24%	0.020%
60	18.589	2571	2576	2585	rBV2	91773	167581	4.72%	0.391%
61	18.666	2585	2589	2594	rVB	23522	32549	0.92%	0.076%
62	18.736	2599	2601	2607	rVV3	5567	9073	0.26%	0.021%
63	18.813	2607	2614	2618	rVV3	18407	40582	1.14%	0.095%
64	19.101	2658	2663	2668	rVV2	11398	16651	0.47%	0.039%
65	19.148	2668	2671	2675	rVV4	6590	10339	0.29%	0.024%
66	19.348	2699	2705	2709	rBV4	9063	16147	0.46%	0.038%
67	19.513	2727	2733	2738	rVB4	6708	13771	0.39%	0.032%
68	19.701	2761	2765	2767	rBV4	10157	13803	0.39%	0.032%
69	19.777	2773	2778	2784	rVB	298833	402280	11.34%	0.938%
70	19.836	2784	2788	2798	rBV6	31753	53621	1.51%	0.125%
71	19.995	2812	2815	2823	rVB2	21612	34760	0.98%	0.081%

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000600.D
 Acq On : 24 Mar 2018 04:02
 Operator : JU/SJ
 Sample : J1955-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1034

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

72	20.107	2828	2834	2846	rVB2	2320371	3547046	100.00%	8.273%
73	20.195	2846	2849	2856	rBV3	10488	14204	0.40%	0.033%
74	20.307	2865	2868	2873	rVB2	16647	20890	0.59%	0.049%
75	20.448	2887	2892	2898	rVV3	14256	29706	0.84%	0.069%
76	20.583	2909	2915	2917	rBV5	15700	27107	0.76%	0.063%
77	20.613	2918	2920	2925	rVB	23587	31255	0.88%	0.073%
78	20.713	2934	2937	2940	rBV2	11770	12706	0.36%	0.030%
79	20.772	2945	2947	2951	rVB	16567	19538	0.55%	0.046%
80	20.919	2968	2972	2974	rBV3	12165	14376	0.41%	0.034%
81	20.966	2974	2980	2984	rBV4	22263	40693	1.15%	0.095%
82	21.072	2995	2998	3001	rBV3	13846	15598	0.44%	0.036%
83	21.354	3042	3046	3051	rBV2	22754	33603	0.95%	0.078%
84	21.530	3071	3076	3084	rBV3	83924	175267	4.94%	0.409%
85	21.642	3093	3095	3102	rVB2	24374	37151	1.05%	0.087%
86	21.736	3109	3111	3114	rBV2	14474	15712	0.44%	0.037%
87	21.877	3127	3135	3139	rBV	2171952	3088394	87.07%	7.203%
88	21.913	3139	3141	3147	rVB	138469	168115	4.74%	0.392%
89	22.213	3189	3192	3196	rVB4	18877	27313	0.77%	0.064%
90	22.448	3228	3232	3240	rBV4	37411	76693	2.16%	0.179%
91	22.954	3314	3318	3323	rVB2	86000	117090	3.30%	0.273%
92	23.101	3339	3343	3348	rVB	43841	63856	1.80%	0.149%
93	23.513	3408	3413	3419	rVB	133948	215817	6.08%	0.503%
94	23.601	3422	3428	3433	rBV	96623	238733	6.73%	0.557%
95	24.142	3514	3520	3523	rBV2	185186	367040	10.35%	0.856%
96	24.195	3523	3529	3536	rVB2	1214104	2470635	69.65%	5.762%
97	24.354	3548	3556	3574	rVB	1205971	2523579	71.15%	5.886%
98	24.865	3637	3643	3653	rVB	139580	303027	8.54%	0.707%
99	25.707	3780	3786	3795	rVB	128273	291929	8.23%	0.681%
100	26.689	3947	3953	3963	rVB2	84329	224884	6.34%	0.524%

Sum of corrected areas: 42877040

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000600.D
Acq On : 24 Mar 2018 04:02
Operator : JU/SJ
Sample : J1955-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

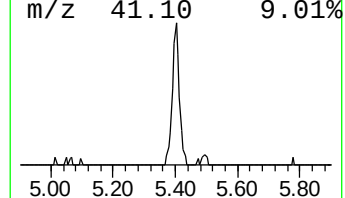
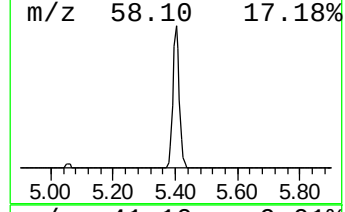
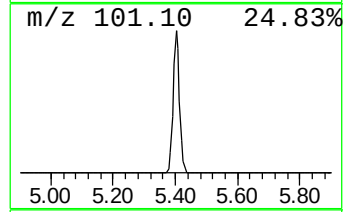
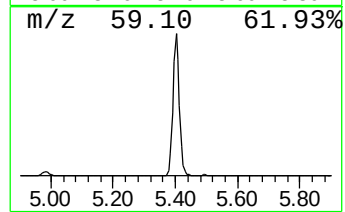
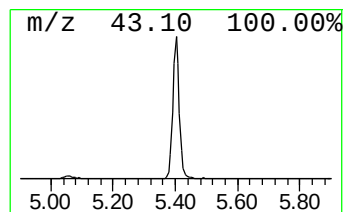
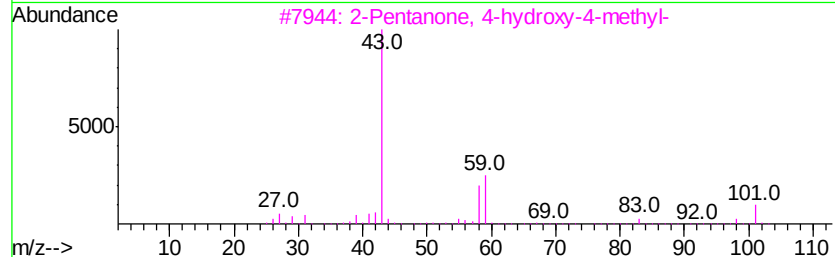
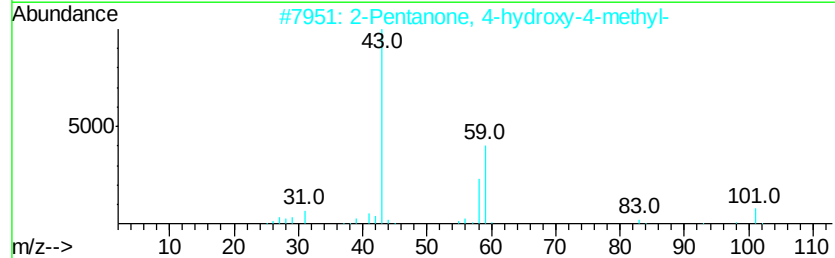
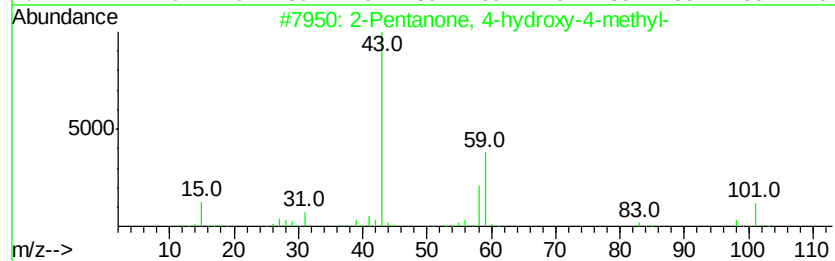
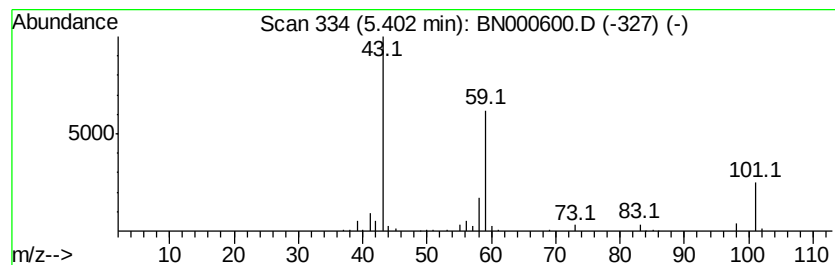
Instrument :
BNA_N
ClientSampleID :
C1034

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.40	4.90 ng/ul	281935	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	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	32
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000600.D
Acq On : 24 Mar 2018 04:02
Operator : JU/SJ
Sample : J1955-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C1034

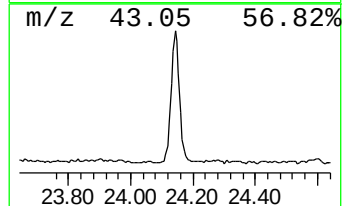
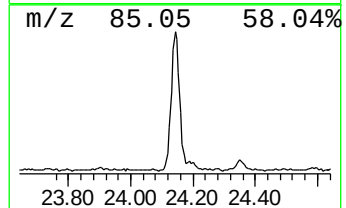
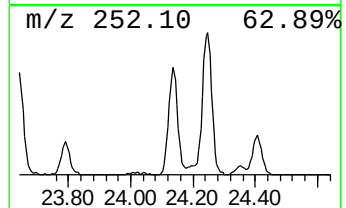
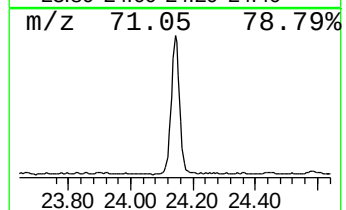
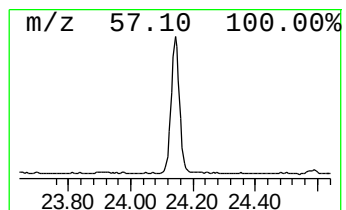
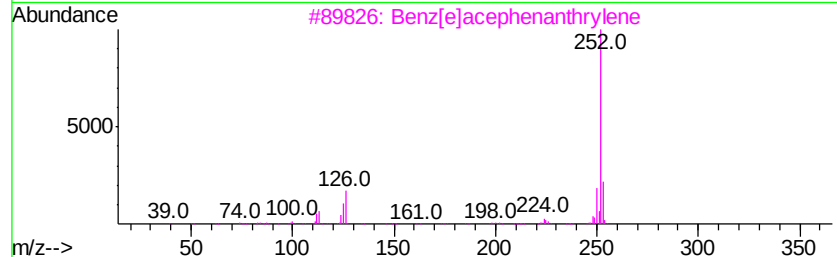
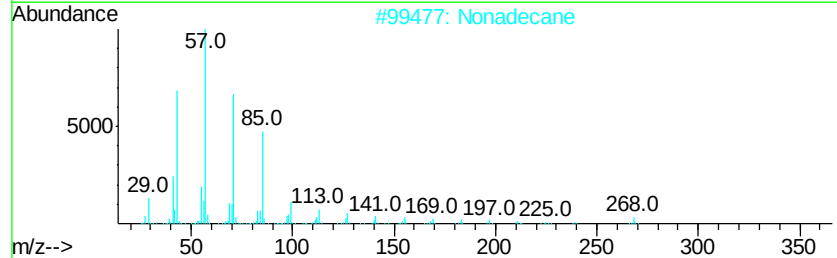
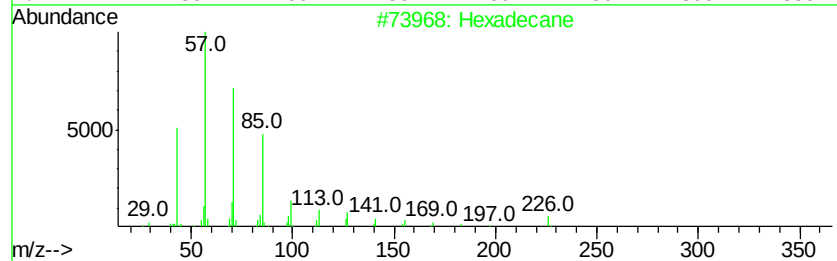
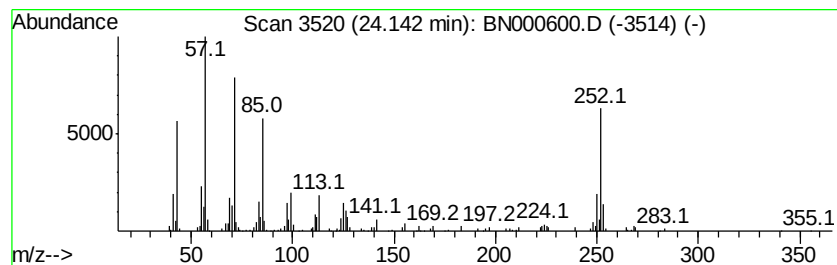
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.91 ng/ul	367040	Perylene-d12	24.35

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	86
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5		Nonadecane	268	C19H40	000629-92-5	70



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000600.D
Acq On : 24 Mar 2018 04:02
Operator : JU/SJ
Sample : J1955-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C1034

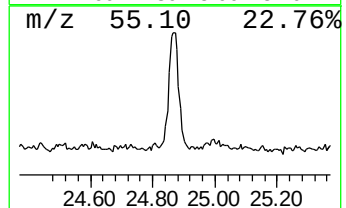
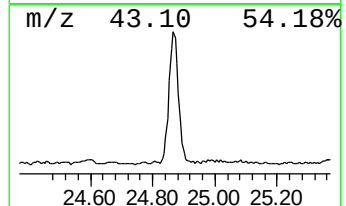
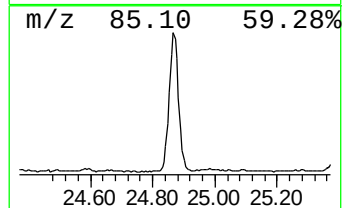
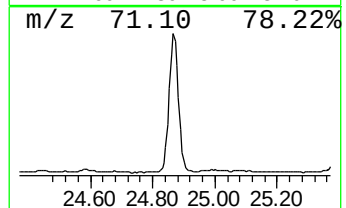
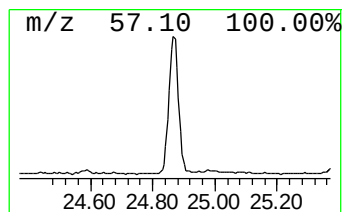
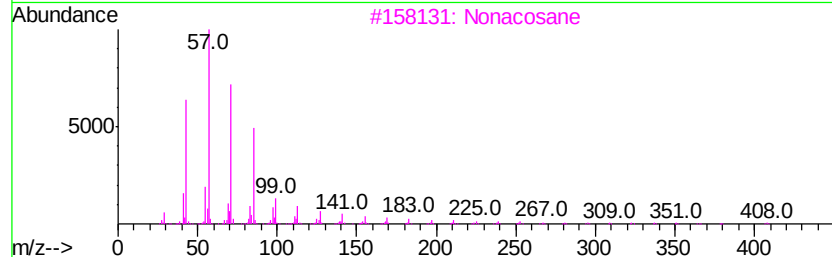
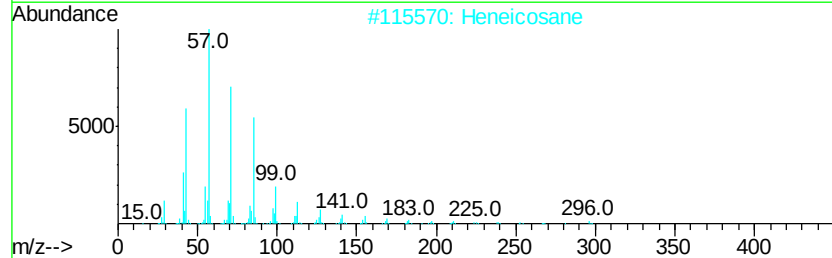
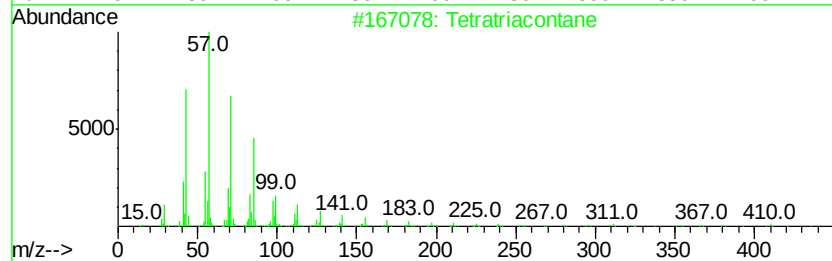
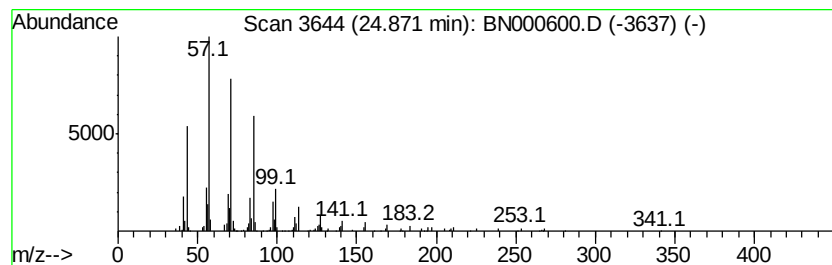
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	2.40 ng/ul	303027	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Nonacosane	408	C29H60	000630-03-5	87
4			Heptadecane	240	C17H36	000629-78-7	87
5			Triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000600.D
Acq On : 24 Mar 2018 04:02
Operator : JU/SJ
Sample : J1955-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C1034

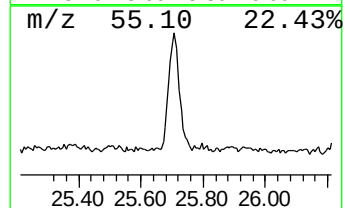
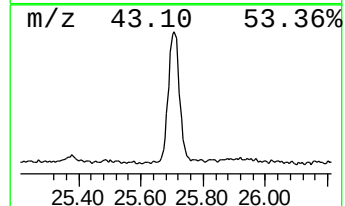
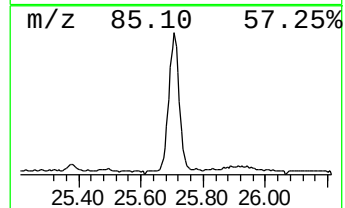
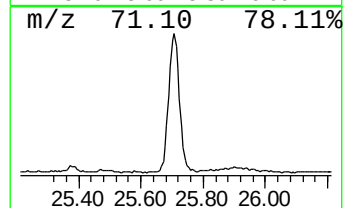
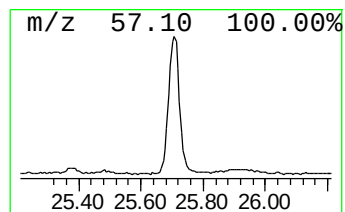
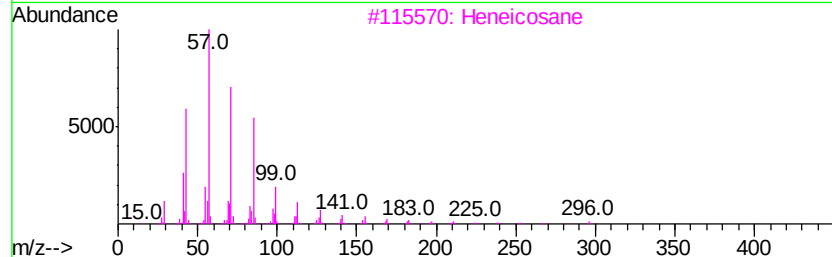
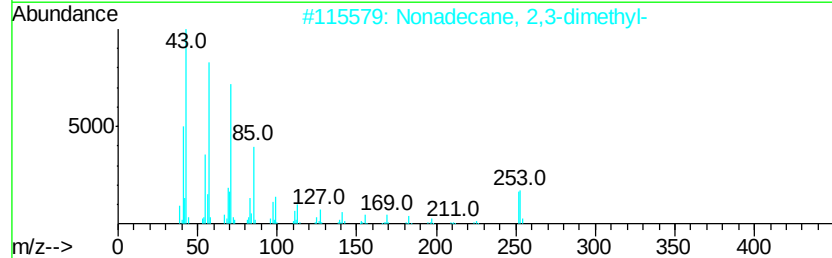
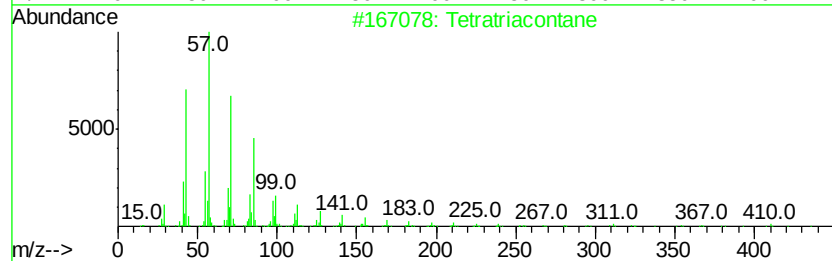
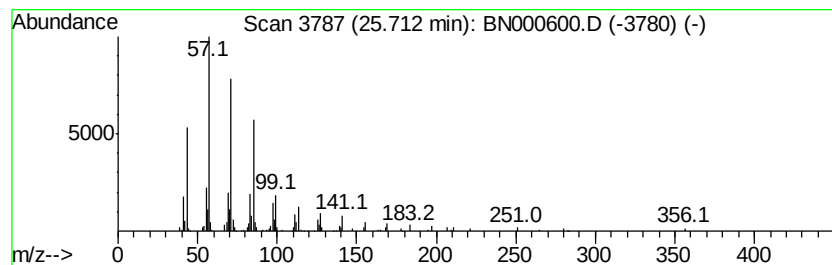
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	2.31 ng/ul	291929	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	87



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000600.D
Acq On : 24 Mar 2018 04:02
Operator : JU/SJ
Sample : J1955-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C1034

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	4.9	ng/ul	281935	1	8.41	1151790	20.0
(DEL) Alkane: Str...	24.14	2.9	ng/ul	367040	6	24.35	2523580	20.0
(DEL) Alkane: Str...	24.87	2.4	ng/ul	303027	6	24.35	2523580	20.0
(DEL) Alkane: Str...	25.71	2.3	ng/ul	291929	6	24.35	2523580	20.0