

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
 Data File : BN006126.D
 Acq On : 06 Jun 2019 07:16
 Operator : JU/SJ
 Sample : K3016-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51D5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.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	3.152	24	28	36	rVB	75401	98913	2.01%	0.125%
2	3.781	130	135	143	rBV	108780	153725	3.13%	0.195%
3	3.876	147	151	159	rVB	21639	30040	0.61%	0.038%
4	3.975	164	168	174	rVB	16913	29012	0.59%	0.037%
5	4.040	174	179	184	rBV5	9941	15248	0.31%	0.019%
6	4.240	209	213	217	rVB3	11579	16493	0.34%	0.021%
7	4.770	295	303	312	rVB	95518	140207	2.85%	0.178%
8	6.046	514	520	528	rBV	13131	22768	0.46%	0.029%
9	6.817	644	651	664	rBV	1075925	1835454	37.35%	2.328%
10	6.981	673	679	696	rVB	914168	1425677	29.01%	1.808%
11	7.175	705	712	724	rBV	1143175	1769914	36.02%	2.245%
12	7.640	784	791	809	rBV	1356454	2289679	46.60%	2.904%
13	8.352	905	912	927	rBV	1206084	2077450	42.28%	2.635%
14	8.793	981	987	999	rBV	1010847	1745324	35.52%	2.214%
15	8.963	1011	1016	1023	rVB7	10303	21709	0.44%	0.028%
16	9.128	1039	1044	1051	rVB3	27036	42556	0.87%	0.054%
17	9.216	1054	1059	1063	rBV	37579	53982	1.10%	0.068%
18	9.516	1102	1110	1126	rBV	817055	1419103	28.88%	1.800%
19	10.052	1194	1201	1219	rBV	1228579	2157238	43.90%	2.736%
20	10.428	1257	1265	1279	rBV	2001905	3420822	69.62%	4.339%
21	10.563	1281	1288	1307	rBV	1071996	1985468	40.41%	2.518%
22	12.022	1531	1536	1543	rBV2	15940	28810	0.59%	0.037%
23	12.799	1662	1668	1672	rBV2	47929	67739	1.38%	0.086%
24	13.099	1713	1719	1720	rBV5	8328	13230	0.27%	0.017%
25	13.304	1748	1754	1759	rVB	63718	93702	1.91%	0.119%
26	13.375	1759	1766	1770	rBV2	18665	27507	0.56%	0.035%
27	13.440	1770	1777	1780	rBV3	89855	157527	3.21%	0.200%
28	13.469	1780	1782	1788	rVB4	39291	55367	1.13%	0.070%
29	13.563	1788	1798	1804	rBV	834538	1195716	24.33%	1.516%
30	13.610	1804	1806	1810	rVB4	27665	33244	0.68%	0.042%
31	13.710	1817	1823	1827	rBV	2159533	3042529	61.92%	3.859%
32	13.757	1827	1831	1834	rVV	386018	552620	11.25%	0.701%
33	13.787	1834	1836	1840	rVB	232055	279415	5.69%	0.354%
34	13.904	1852	1856	1861	rBV5	14702	17108	0.35%	0.022%

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35	13.987	1864	1870	1882	rBV	2542381	3735386	76.02%	4.737%
36	14.157	1893	1899	1903	rBV3	93467	153497	3.12%	0.195%
37	14.298	1915	1923	1932	rBV2	2787975	4292654	87.36%	5.444%
38	14.446	1940	1948	1953	rVB6	17699	41178	0.84%	0.052%
39	14.510	1953	1959	1962	rBV	520122	774227	15.76%	0.982%
40	14.551	1962	1966	1980	rVB	699899	1261656	25.68%	1.600%
41	14.728	1991	1996	2001	rBV3	44540	73606	1.50%	0.093%
42	14.787	2003	2006	2010	rVB	37761	51856	1.06%	0.066%
43	15.104	2056	2060	2062	rBV3	10698	12761	0.26%	0.016%
44	15.157	2066	2069	2071	rVV3	9483	14348	0.29%	0.018%
45	15.193	2071	2075	2079	rVV5	33376	48739	0.99%	0.062%
46	15.298	2083	2093	2109	rBV	2916663	4430640	90.17%	5.619%
47	15.428	2109	2115	2128	rVV	571002	923197	18.79%	1.171%
48	15.534	2128	2133	2139	rVV2	56393	104967	2.14%	0.133%
49	15.587	2139	2142	2147	rVV7	23513	41562	0.85%	0.053%
50	15.622	2147	2148	2153	rVV4	10929	17206	0.35%	0.022%
51	15.687	2154	2159	2161	rVV5	13766	27618	0.56%	0.035%
52	15.716	2161	2164	2169	rVV4	25299	37290	0.76%	0.047%
53	15.793	2169	2177	2187	rVV3	87521	159592	3.25%	0.202%
54	15.887	2187	2193	2196	rVV7	14608	33374	0.68%	0.042%
55	15.928	2196	2200	2201	rVV2	10958	14250	0.29%	0.018%
56	15.957	2201	2205	2207	rVV4	12263	18313	0.37%	0.023%
57	15.998	2207	2212	2219	rVV3	122007	178656	3.64%	0.227%
58	16.087	2222	2227	2231	rVB6	10844	17732	0.36%	0.022%
59	16.198	2241	2246	2251	rBV2	193424	258687	5.26%	0.328%
60	16.440	2282	2287	2294	rBV8	11022	20770	0.42%	0.026%
61	16.557	2304	2307	2313	rVB6	17517	25709	0.52%	0.033%
62	16.628	2313	2319	2325	rBV9	7743	18496	0.38%	0.023%
63	16.840	2349	2355	2358	rBV4	12963	25887	0.53%	0.033%
64	17.051	2385	2391	2402	rBV2	3265017	4563047	92.86%	5.787%
65	17.151	2402	2408	2422	rVV2	2809246	4317513	87.86%	5.476%
66	17.257	2422	2426	2431	rVV7	26205	55931	1.14%	0.071%
67	17.316	2433	2436	2438	rVV4	16402	24834	0.51%	0.031%
68	17.357	2438	2443	2453	rVB2	185079	304020	6.19%	0.386%
69	17.545	2472	2475	2482	rVB6	7402	14719	0.30%	0.019%
70	17.728	2502	2506	2509	rBV6	9572	14330	0.29%	0.018%
71	17.898	2531	2535	2541	rVB3	29539	44705	0.91%	0.057%

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72	17.957	2541	2545	2551	rBV	106741	168676	3.43%	0.214%
73	18.016	2551	2555	2560	rVV2	53544	92358	1.88%	0.117%
74	18.063	2560	2563	2568	rVB6	23425	32162	0.65%	0.041%
75	18.263	2589	2597	2601	rBV4	84795	130224	2.65%	0.165%
76	18.522	2638	2641	2647	rVB6	9561	15700	0.32%	0.020%
77	18.928	2705	2710	2715	rVB	718983	854711	17.39%	1.084%
78	19.092	2734	2738	2742	rBV2	24609	32812	0.67%	0.042%
79	19.251	2762	2765	2771	rBV7	20461	31770	0.65%	0.040%
80	19.345	2777	2781	2787	rBV	26917	39597	0.81%	0.050%
81	19.463	2795	2801	2810	rBV	3293629	4568217	92.97%	5.794%
82	19.728	2843	2846	2849	rBV5	14322	14779	0.30%	0.019%
83	20.022	2894	2896	2902	rVB5	29934	35105	0.71%	0.045%
84	20.181	2919	2923	2933	rBV	330378	529848	10.78%	0.672%
85	20.351	2945	2952	2956	rBV	399660	583651	11.88%	0.740%
86	20.398	2956	2960	2969	rVB4	154082	382634	7.79%	0.485%
87	20.522	2979	2981	2985	rVB2	34860	38023	0.77%	0.048%
88	20.992	3057	3061	3072	rBV	368730	783400	15.94%	0.994%
89	21.145	3085	3087	3093	rVB2	52266	57654	1.17%	0.073%
90	21.198	3093	3096	3103	rBV2	59617	90762	1.85%	0.115%
91	21.275	3104	3109	3123	rBV2	3236411	4631481	94.25%	5.874%
92	21.445	3134	3138	3142	rBV	136229	162618	3.31%	0.206%
93	21.880	3208	3212	3226	rBV2	262757	436900	8.89%	0.554%
94	22.345	3287	3291	3295	rBV	284203	359348	7.31%	0.456%
95	22.851	3372	3377	3382	rBV	374078	532195	10.83%	0.675%
96	23.380	3460	3467	3483	rBV2	2199640	4913840	100.00%	6.232%
97	23.522	3484	3491	3504	rVB	2495607	4750666	96.68%	6.025%
98	24.057	3577	3582	3591	rVB	364980	689416	14.03%	0.874%
99	24.798	3702	3708	3715	rVB	246181	522565	10.63%	0.663%
100	25.645	3844	3852	3865	rVB4	245712	898384	18.28%	1.139%

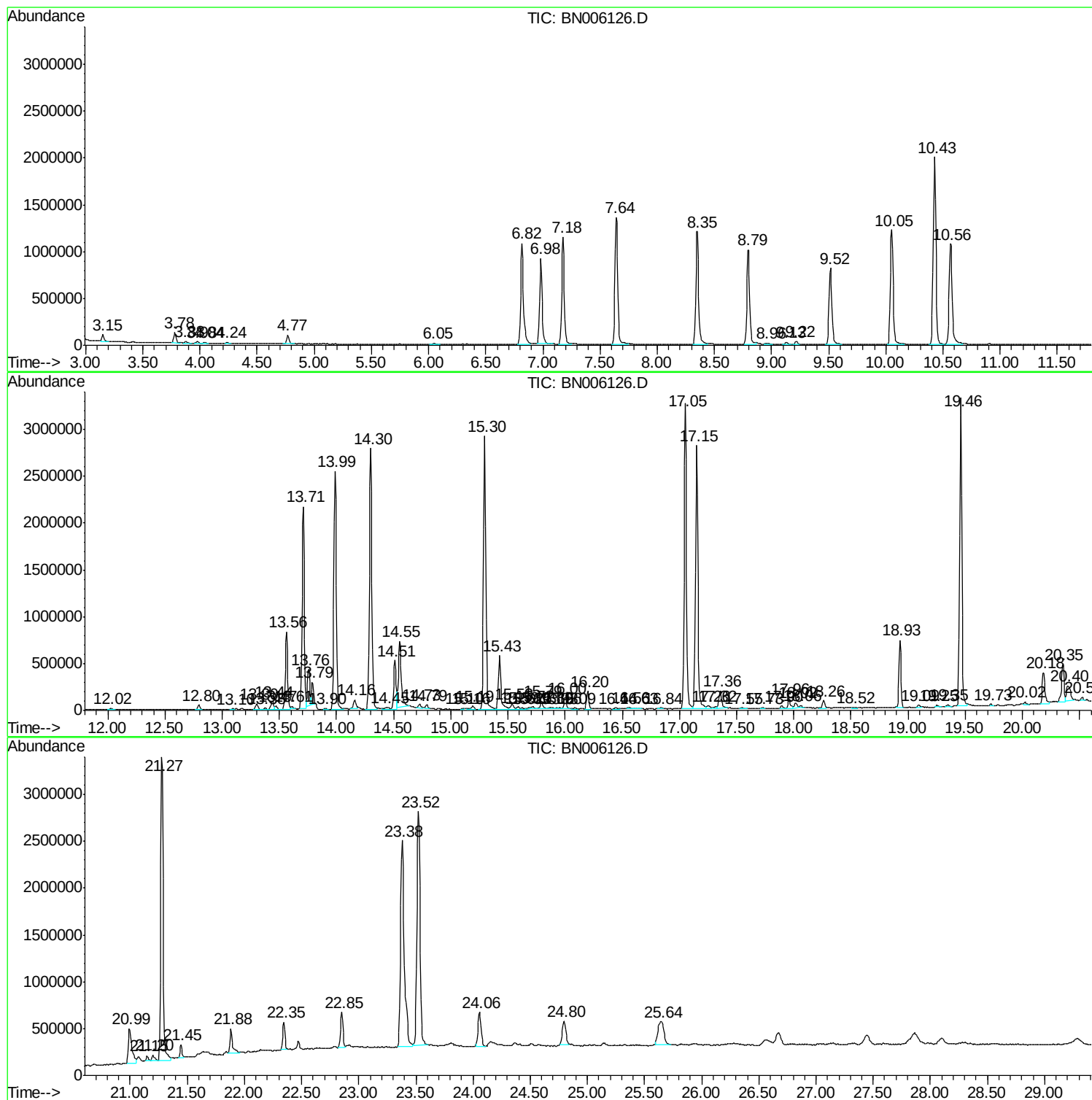
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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



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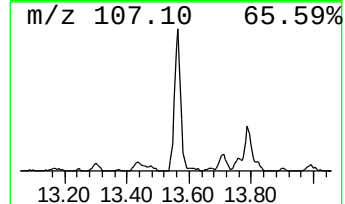
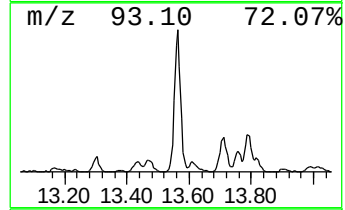
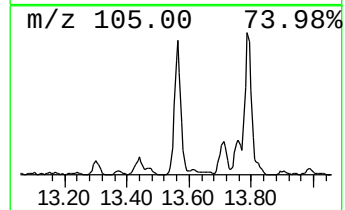
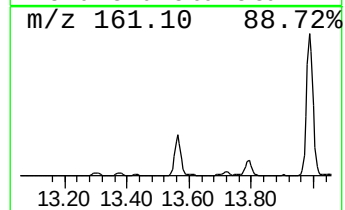
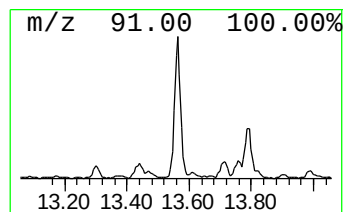
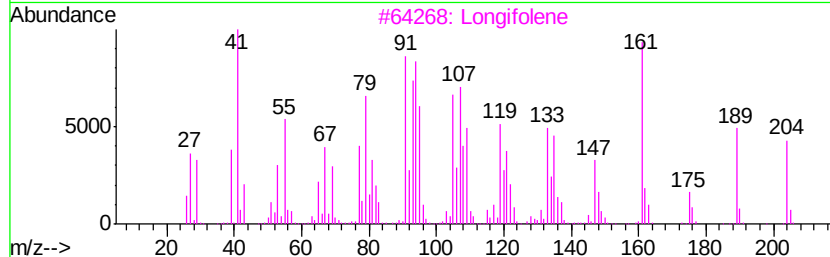
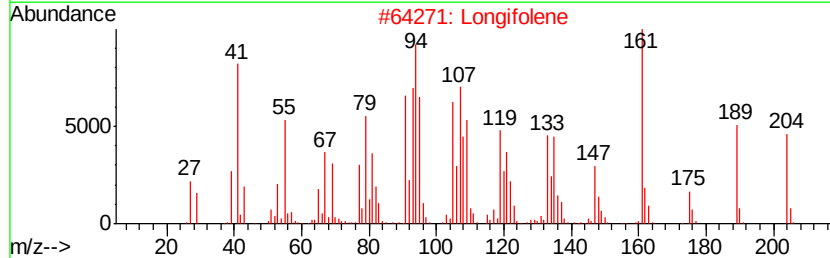
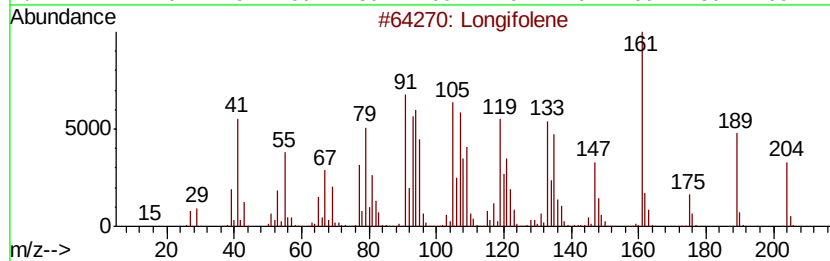
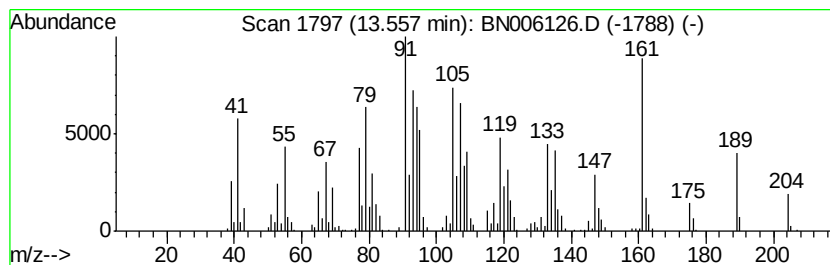
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Longifolene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	5.57 ng/ul	1195720	Acenaphthene-d10	14.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Longifolene	204 C15H24	000475-20-7	99
2	Longifolene	204 C15H24	000475-20-7	99
3	Longifolene	204 C15H24	000475-20-7	94
4	.beta.-Neoclovene	204 C15H24	056684-96-9	91
5	Aromandendrene	204 C15H24	000489-39-4	90



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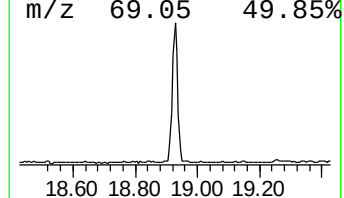
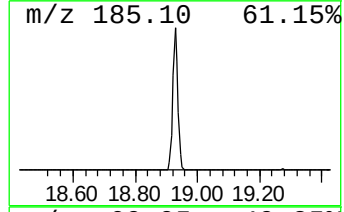
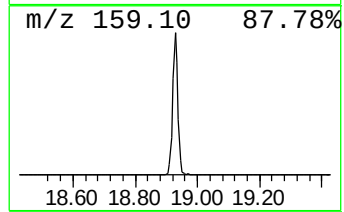
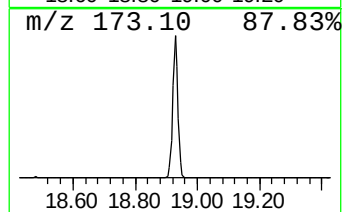
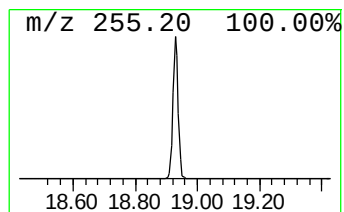
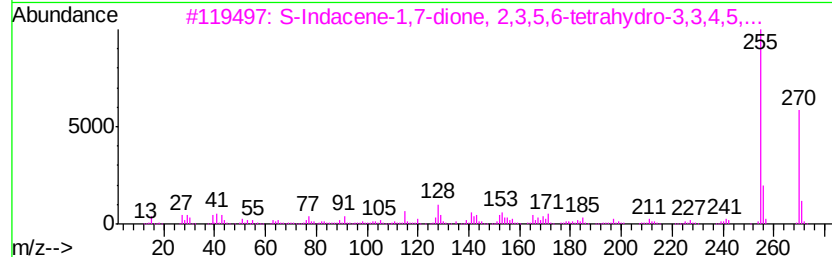
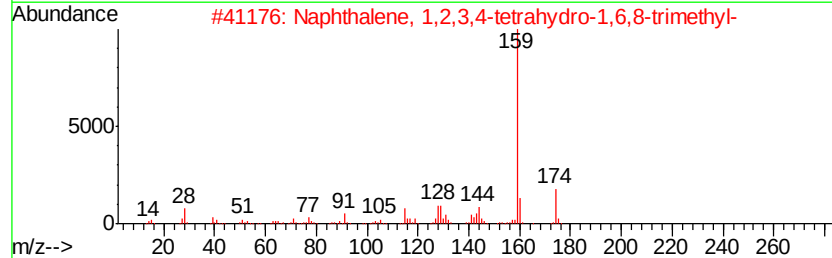
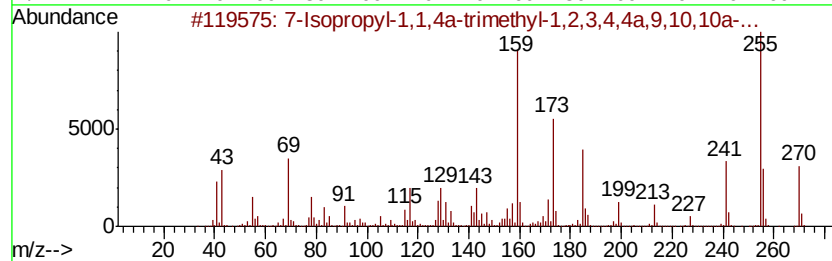
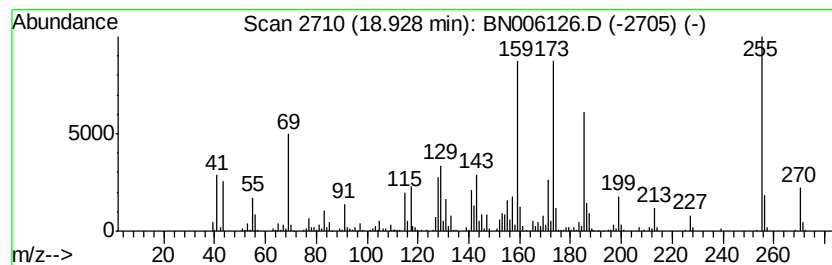
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.93	3.75 ng/ul	854711	Phenanthrene-d10	17.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	1000210-28-9	76
2	Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	030316-36-0	18
3	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	14
4	3-Chlorobicyclo(2.2.1)heptan-2-o...	159	C7H10ClNO	010499-35-1	11
5	5-tert-Butyl-2,2'-dimethoxy-biph...	270	C18H22O2	1000318-04-7	11



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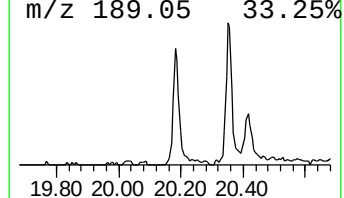
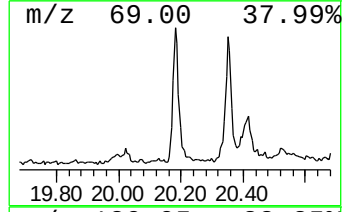
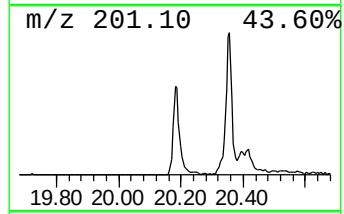
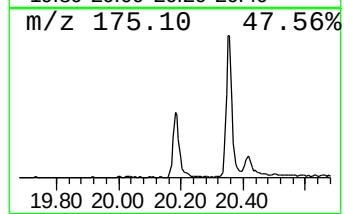
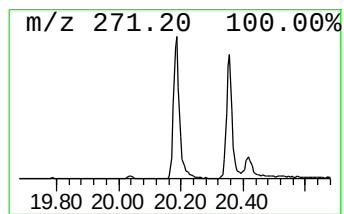
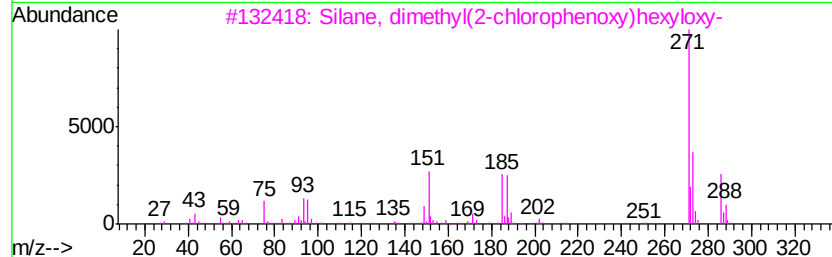
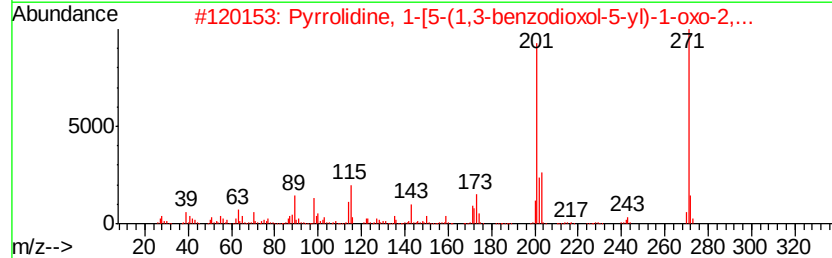
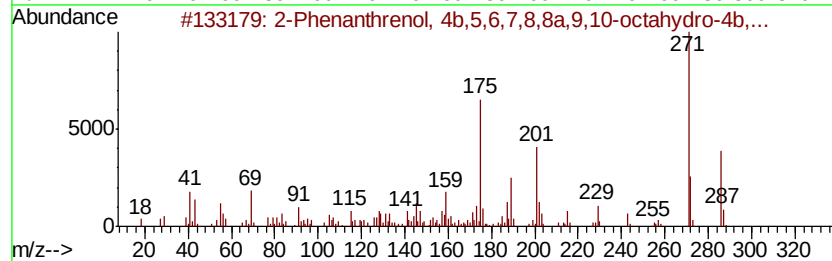
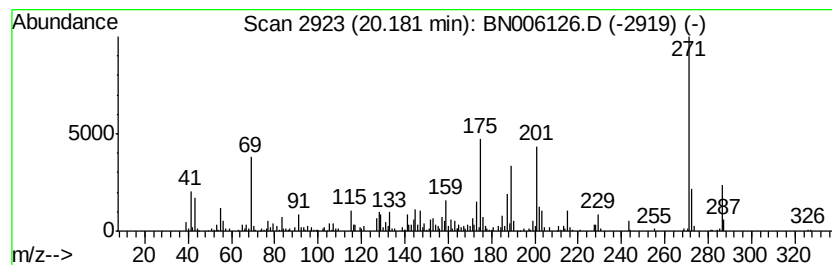
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Peak Number 3 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.18	2.29 ng/ul	529848	Chrysene-d12	21.27		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol,	4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	96
2	Pyrrolidine, 1-[5-(1,3-benzodiox...		271	C16H17NO3	025924-78-1	46
3	Silane, dimethyl(2-chlorophenoxy...		286	C14H23ClO2Si	1000347-07-3	38
4	1-Methyl-3-phenyl-4-azafluorenone		271	C19H13NO	069751-55-9	38
5	Crinan-1-one		271	C16H17NO3	098301-98-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006126.D
Acq On : 06 Jun 2019 07:16
Operator : JU/SJ
Sample : K3016-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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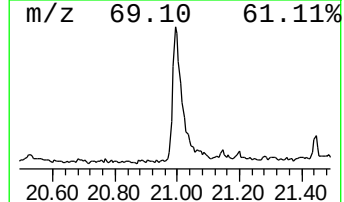
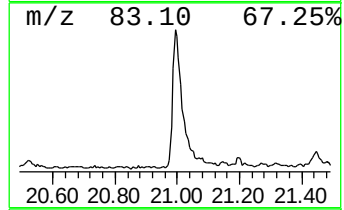
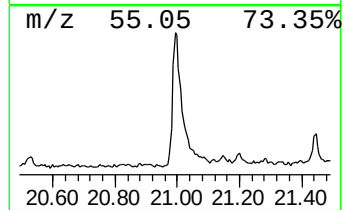
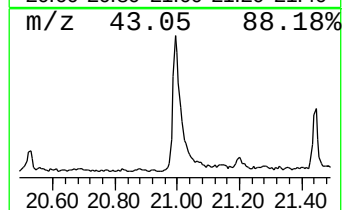
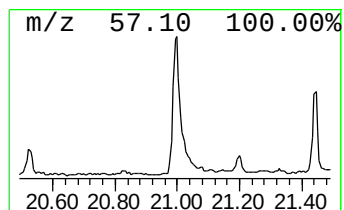
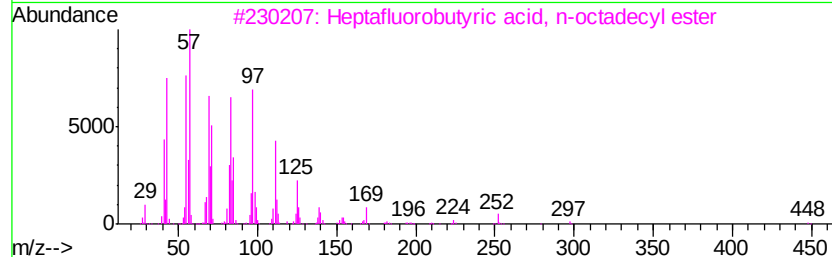
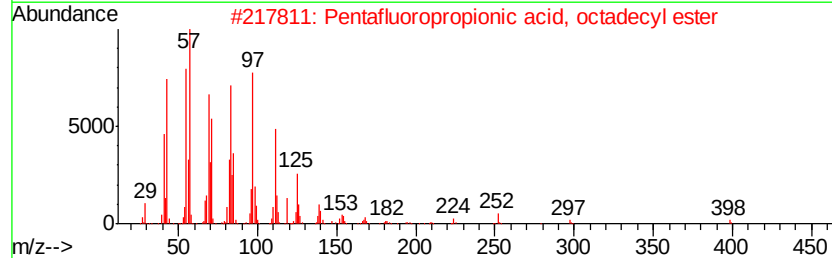
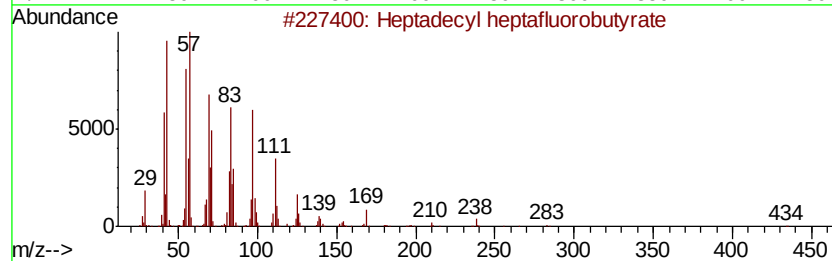
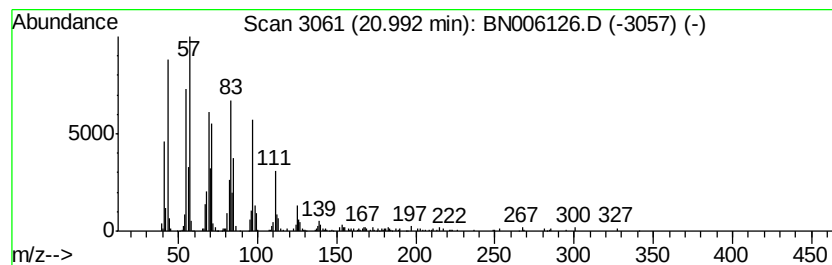
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.38 ng/ul	783400	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	91
3		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
4		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006126.D
Acq On : 06 Jun 2019 07:16
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Sample : K3016-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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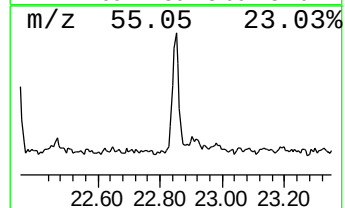
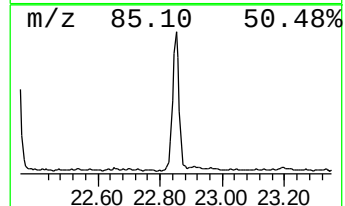
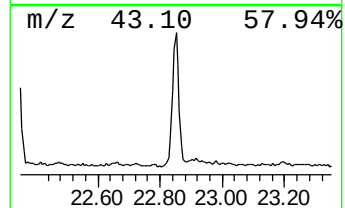
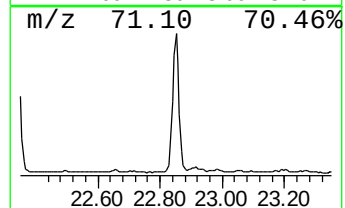
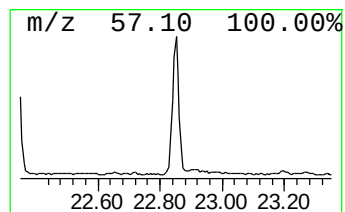
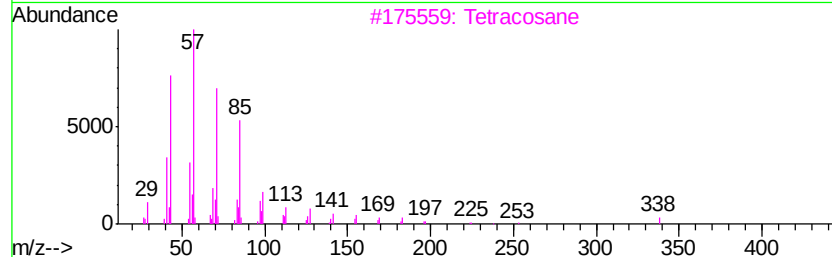
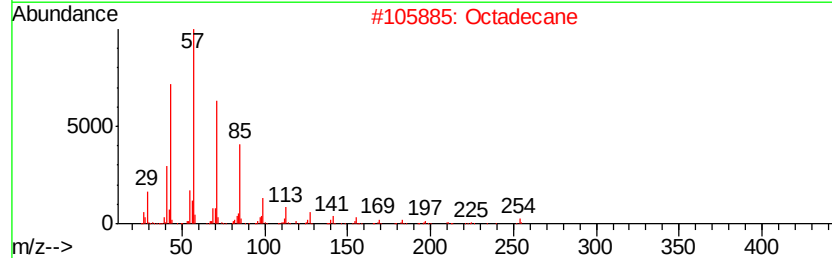
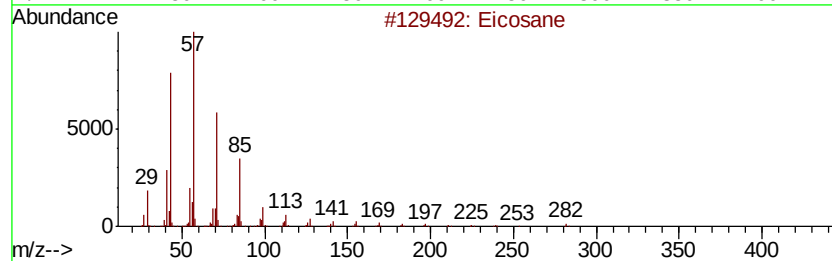
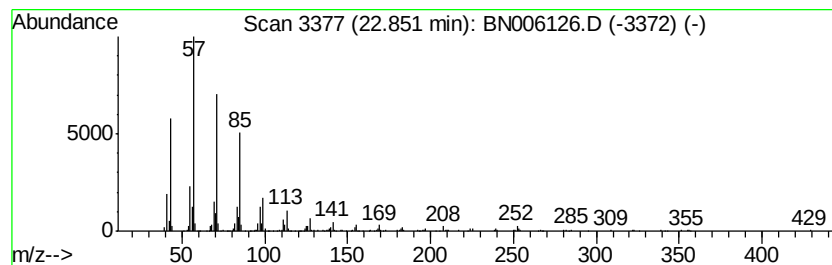
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.24 ng/ul	532195	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Octadecane	254	C18H38	000593-45-3	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006126.D
Acq On : 06 Jun 2019 07:16
Operator : JU/SJ
Sample : K3016-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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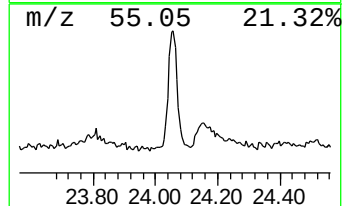
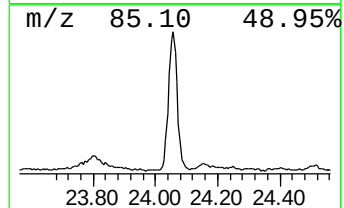
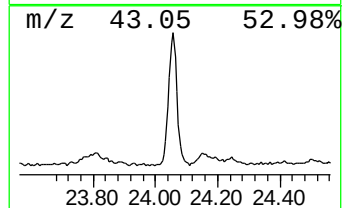
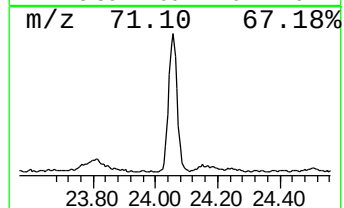
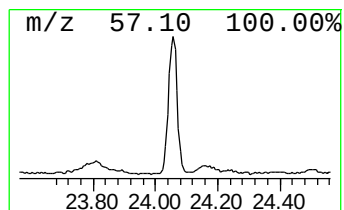
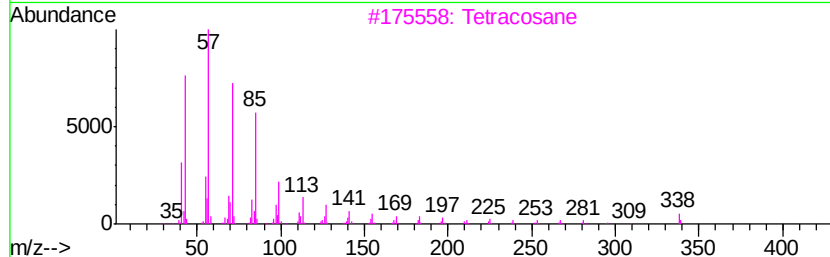
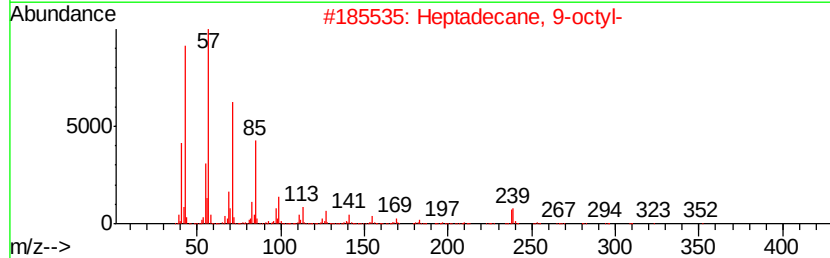
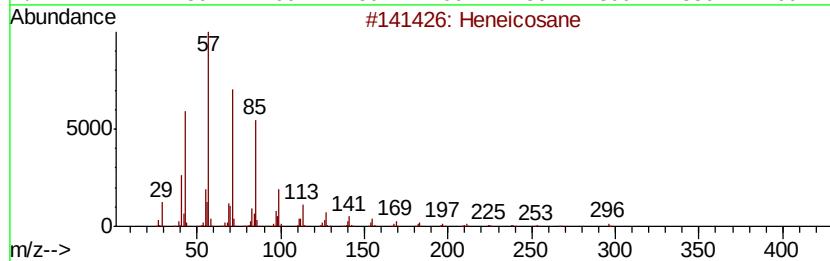
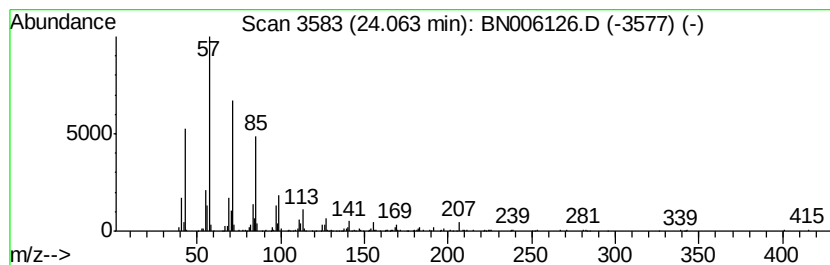
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.90 ng/ul	689416	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006126.D
Acq On : 06 Jun 2019 07:16
Operator : JU/SJ
Sample : K3016-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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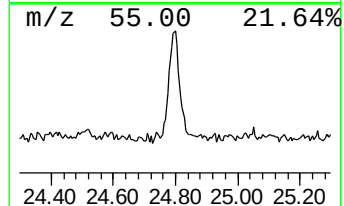
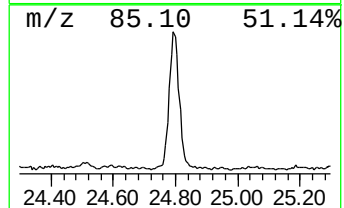
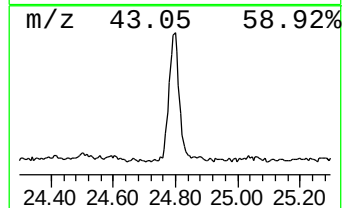
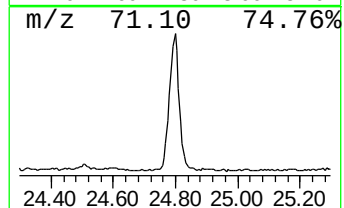
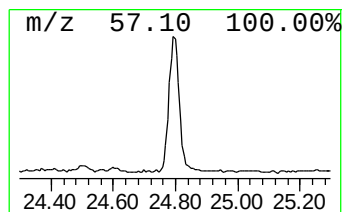
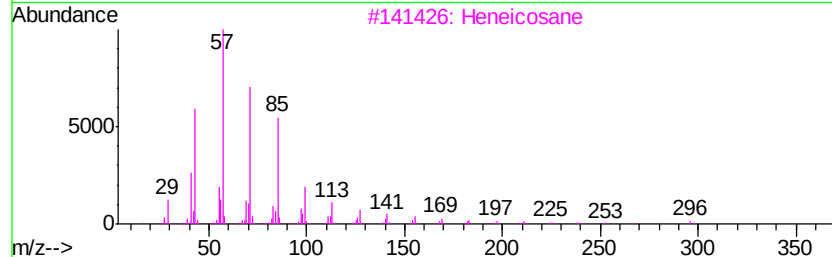
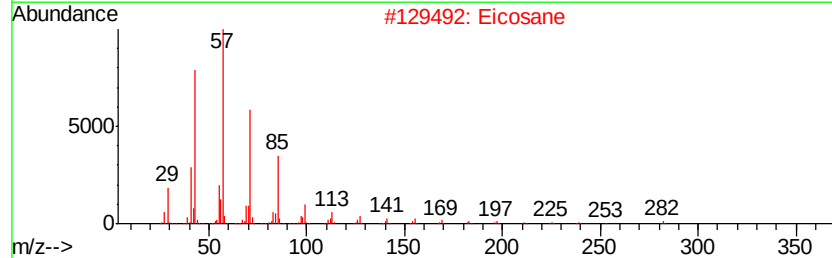
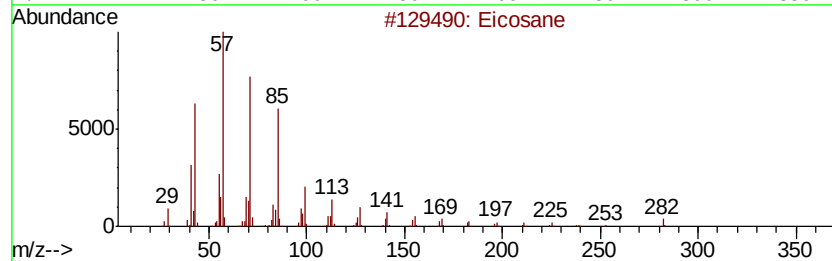
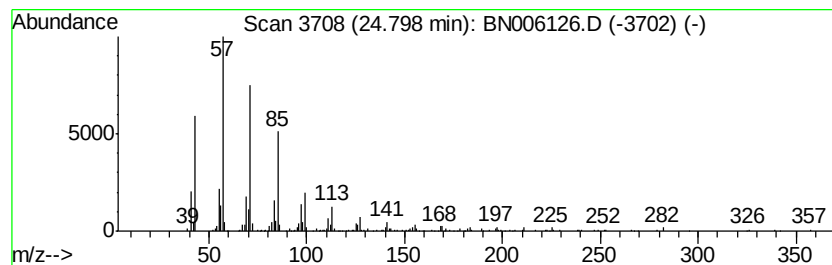
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	2.20 ng/ul	522565	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
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 Sample : K3016-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

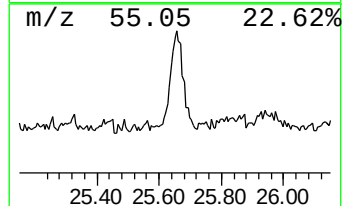
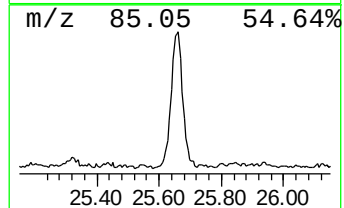
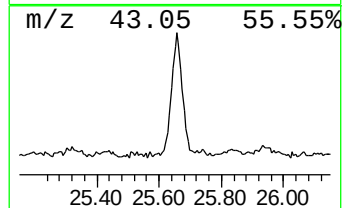
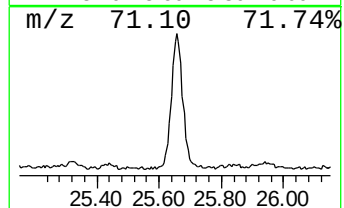
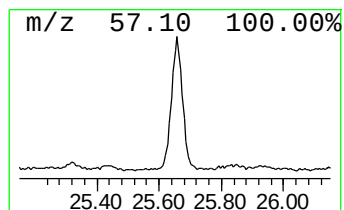
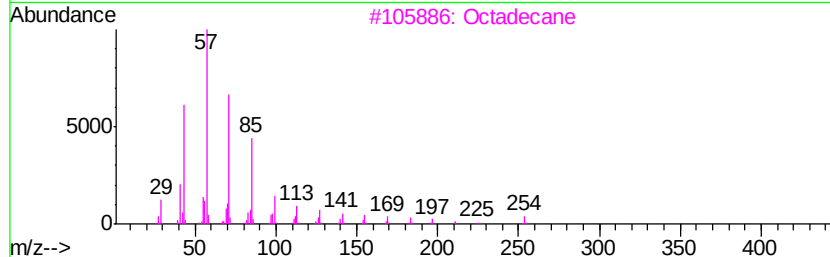
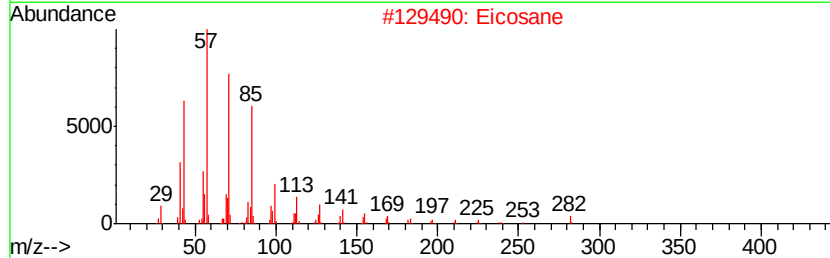
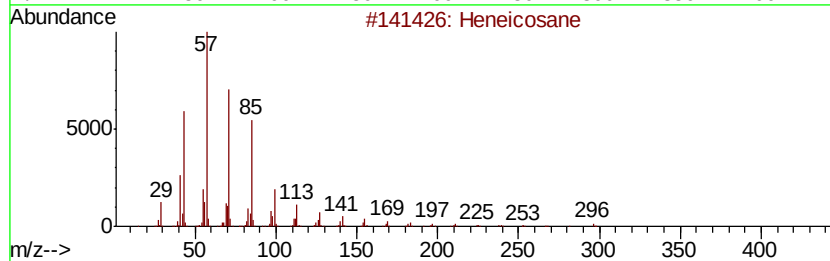
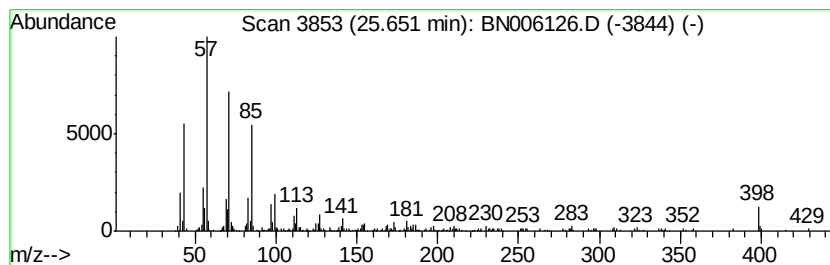
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
25.65	3.78 ng/ul	898384	Perylene-d12		23.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane	282	C20H42	000112-95-8	98
3	Octadecane	254	C18H38	000593-45-3	97
4	Tetracosane	338	C24H50	000646-31-1	95
5	Heneicosane	296	C21H44	000629-94-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060519\
Data File : BN006126.D
Acq On : 06 Jun 2019 07:16
Operator : JU/SJ
Sample : K3016-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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
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7-Isopropyl-1,1,4...	18.93	3.8	ng/ul	854711	4	17.05	4563050	20.0
2-Phenanthrenol, ...	20.18	2.3	ng/ul	529848	5	21.27	4631480	20.0
Heptadecyl heptaf...	20.99	3.4	ng/ul	783400	5	21.27	4631480	20.0
(DEL) Alkane: Str...	22.85	2.2	ng/ul	532195	6	23.52	4750670	20.0
(DEL) Alkane: Str...	24.06	2.9	ng/ul	689416	6	23.52	4750670	20.0
(DEL) Alkane: Str...	24.80	2.2	ng/ul	522565	6	23.52	4750670	20.0
(DEL) Alkane: Str...	25.65	3.8	ng/ul	898384	6	23.52	4750670	20.0