

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020819\
 Data File : BN004363.D
 Acq On : 08 Feb 2019 14:48
 Operator : JU/SJ
 Sample : K1410-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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-BN020719MA.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	3.246	42	44	46	rBV2	2220	2186	0.11%	0.007%
2	3.281	46	50	59	rVB	13621	18282	0.95%	0.061%
3	4.293	219	222	226	rVB	1782	2262	0.12%	0.008%
4	4.887	318	323	332	rVB	8268	11423	0.60%	0.038%
5	6.905	660	666	674	rBB	89749	140842	7.34%	0.472%
6	7.087	692	697	707	rBV	67087	99555	5.19%	0.334%
7	7.181	707	713	723	rVB	97587	143976	7.50%	0.483%
8	7.275	724	729	732	rBV	91126	151150	7.87%	0.507%
9	7.310	732	735	742	rVB	127397	181315	9.44%	0.608%
10	7.746	804	809	816	rBB	88240	137732	7.17%	0.462%
11	8.275	891	899	905	rBV	54558	134104	6.99%	0.450%
12	8.328	905	908	911	rVB	5130	5647	0.29%	0.019%
13	8.440	922	927	934	rBB	120111	179268	9.34%	0.601%
14	8.546	940	945	951	rBB	63496	92090	4.80%	0.309%
15	8.816	986	991	997	rBB	86513	134883	7.03%	0.452%
16	8.910	1001	1007	1010	rBV	84964	136735	7.12%	0.458%
17	8.951	1010	1014	1021	rVB	102454	160004	8.33%	0.536%
18	9.275	1066	1069	1072	rBB	2105	2378	0.12%	0.008%
19	9.622	1123	1128	1134	rBB	63665	97004	5.05%	0.325%
20	9.951	1179	1184	1193	rBB	99659	148143	7.72%	0.497%
21	10.151	1212	1218	1219	rBV	142557	183829	9.58%	0.616%
22	10.175	1220	1222	1229	rVB	168215	230459	12.00%	0.773%
23	10.534	1277	1283	1288	rBV	151841	250685	13.06%	0.840%
24	10.587	1288	1292	1300	rVB	174410	271893	14.16%	0.911%
25	10.675	1301	1307	1316	rBB	103943	166009	8.65%	0.556%
26	10.857	1332	1338	1343	rBB	101481	150808	7.86%	0.506%
27	12.063	1540	1543	1547	rBB	2737	3379	0.18%	0.011%
28	12.128	1550	1554	1557	rBB	1774	2168	0.11%	0.007%
29	12.422	1597	1604	1610	rBB	246472	373160	19.44%	1.251%
30	12.540	1618	1624	1626	rBV	123293	188611	9.83%	0.632%
31	12.563	1626	1628	1634	rVB	103372	127237	6.63%	0.427%
32	12.810	1664	1670	1675	rBV	335437	483018	25.16%	1.619%
33	12.875	1675	1681	1689	rVB	189177	278447	14.50%	0.933%
34	13.263	1740	1747	1753	rVB	256826	392486	20.45%	1.316%

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35	13.798	1832	1838	1842	rBV	313719	435075	22.66%	1.458%
36	13.845	1842	1846	1852	rVB	357070	503962	26.25%	1.689%
37	13.975	1863	1868	1873	rBB	99111	130541	6.80%	0.438%
38	14.081	1880	1886	1889	rBV	348931	544983	28.39%	1.827%
39	14.110	1889	1891	1898	rVB	268379	324576	16.91%	1.088%
40	14.386	1932	1938	1944	rBV2	247405	375874	19.58%	1.260%
41	14.451	1944	1949	1955	rVB	283209	381409	19.87%	1.279%
42	14.581	1966	1971	1979	rBB	154284	204208	10.64%	0.685%
43	14.663	1979	1985	1992	rBB	365419	503827	26.25%	1.689%
44	14.757	1996	2001	2003	rBV	101201	138687	7.22%	0.465%
45	14.786	2003	2006	2012	rVB	278506	376242	19.60%	1.261%
46	15.210	2073	2078	2084	rVB	330341	422657	22.02%	1.417%
47	15.381	2101	2107	2112	rBV	480365	694469	36.18%	2.328%
48	15.439	2112	2117	2123	rVV2	503321	710767	37.02%	2.383%
49	15.498	2123	2127	2132	rVB	129101	159534	8.31%	0.535%
50	15.622	2145	2148	2151	rBB	3757	3686	0.19%	0.012%
51	16.328	2263	2268	2274	rBB	248490	318549	16.59%	1.068%
52	16.428	2280	2285	2291	rBB	192993	268807	14.00%	0.901%
53	16.775	2339	2344	2356	rVB	306599	413597	21.54%	1.386%
54	16.880	2359	2362	2365	rBV2	1694	2181	0.11%	0.007%
55	17.139	2397	2406	2411	rBV	359217	510287	26.58%	1.711%
56	17.239	2416	2423	2425	rVV	595277	850902	44.32%	2.852%
57	17.269	2425	2428	2436	rVB	754624	1027955	53.55%	3.446%
58	17.545	2466	2475	2481	rBV	640630	867704	45.20%	2.909%
59	17.622	2486	2488	2492	rBV2	1874	2245	0.12%	0.008%
60	18.022	2552	2556	2565	rBV	53890	72362	3.77%	0.243%
61	18.104	2565	2570	2580	rVB	553504	653615	34.05%	2.191%
62	18.322	2603	2607	2611	rBV2	4880	6782	0.35%	0.023%
63	18.563	2644	2648	2651	rBV2	1800	2967	0.15%	0.010%
64	18.786	2682	2686	2689	rBV	1777	2526	0.13%	0.008%
65	18.892	2698	2704	2711	rBV	20106	31137	1.62%	0.104%
66	18.957	2711	2715	2718	rBV2	9059	12188	0.63%	0.041%
67	19.086	2733	2737	2740	rBV3	2464	3520	0.18%	0.012%
68	19.122	2740	2743	2746	rBV3	1993	2836	0.15%	0.010%
69	19.169	2746	2751	2755	rBV	10173	15958	0.83%	0.053%
70	19.216	2756	2759	2763	rVB3	5956	7116	0.37%	0.024%
71	19.251	2763	2765	2770	rVB3	2004	2322	0.12%	0.008%

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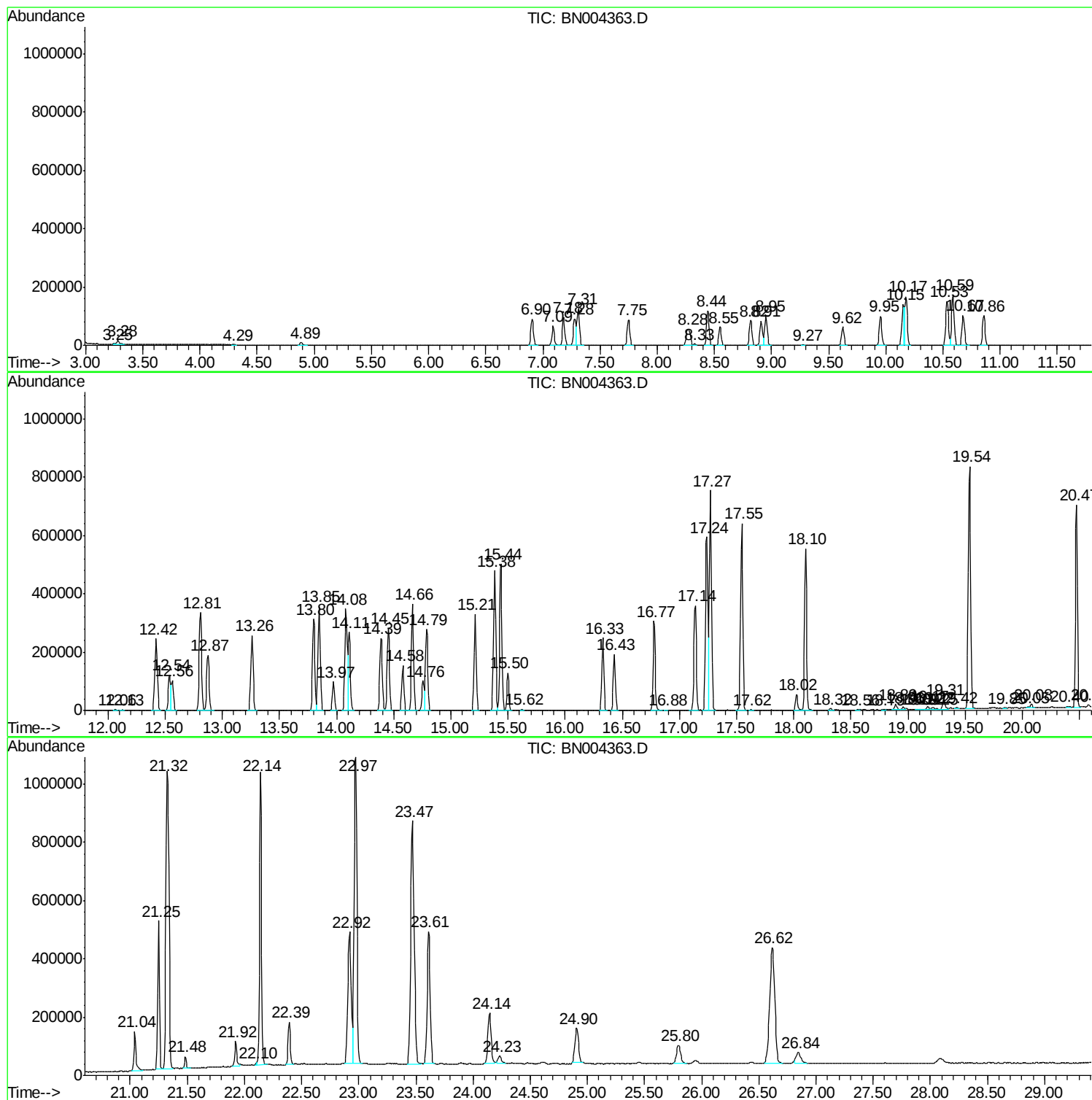
72	19.310	2770	2775	2782	rBV	34374	51066	2.66%	0.171%
73	19.422	2791	2794	2798	rVB	4484	5397	0.28%	0.018%
74	19.539	2808	2814	2820	rBV2	830377	1150877	59.95%	3.858%
75	19.851	2863	2867	2869	rBV4	2877	4023	0.21%	0.013%
76	20.051	2898	2901	2902	rVV3	4107	4316	0.22%	0.014%
77	20.080	2902	2906	2910	rVB2	12528	15410	0.80%	0.052%
78	20.398	2958	2960	2965	rVB4	3048	3582	0.19%	0.012%
79	20.474	2968	2973	2978	rVB	694706	789265	41.11%	2.646%
80	20.574	2987	2990	2996	rVB	7420	9264	0.48%	0.031%
81	21.039	3065	3069	3081	rBV	134705	168661	8.79%	0.565%
82	21.251	3100	3105	3111	rVB	510016	578646	30.14%	1.940%
83	21.321	3111	3117	3125	rBV2	1022629	1919697	100.00%	6.435%
84	21.480	3141	3144	3152	rVB	39792	45598	2.38%	0.153%
85	21.921	3215	3219	3226	rBV	86439	113898	5.93%	0.382%
86	22.104	3248	3250	3251	rBV	8181	7338	0.38%	0.025%
87	22.139	3251	3256	3266	rVB	1004139	1225323	63.83%	4.107%
88	22.392	3294	3299	3305	rBV	146033	187617	9.77%	0.629%
89	22.921	3381	3389	3393	rBV2	451995	959804	50.00%	3.217%
90	22.974	3393	3398	3407	rVB	1052020	1760434	91.70%	5.901%
91	23.468	3474	3482	3495	rBV	834015	1795022	93.51%	6.017%
92	23.610	3499	3506	3514	rBV2	452979	830299	43.25%	2.783%
93	24.145	3590	3597	3605	rBV	172007	340280	17.73%	1.141%
94	24.233	3608	3612	3620	rVB2	24903	49258	2.57%	0.165%
95	24.904	3720	3726	3735	rVB	118739	253438	13.20%	0.850%
96	25.798	3871	3878	3890	rVB	62476	159363	8.30%	0.534%
97	26.615	4006	4017	4033	rVB	397683	1223652	63.74%	4.102%
98	26.845	4050	4056	4069	rVB2	38682	113120	5.89%	0.379%

Sum of corrected areas: 29831869

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



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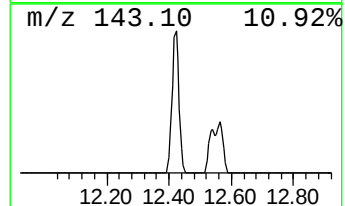
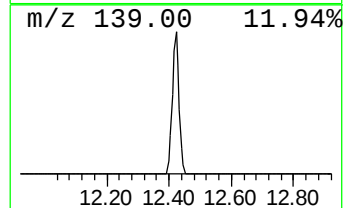
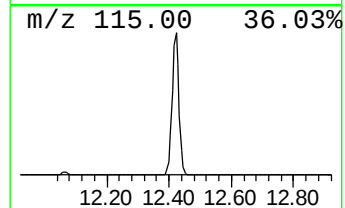
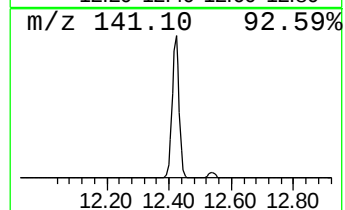
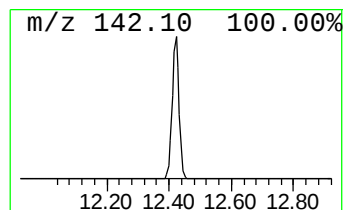
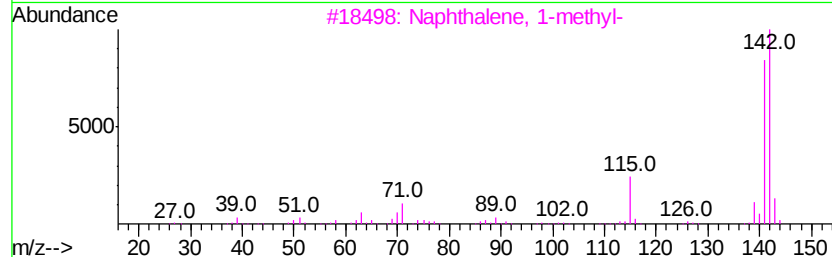
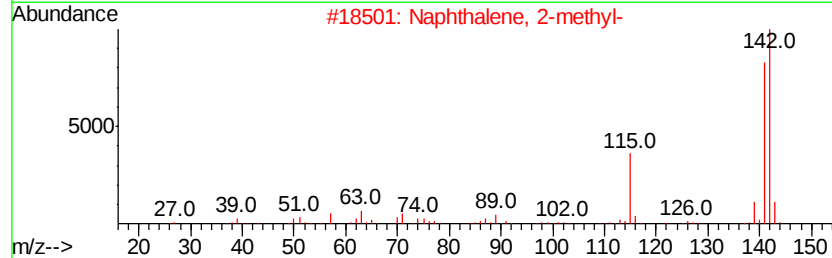
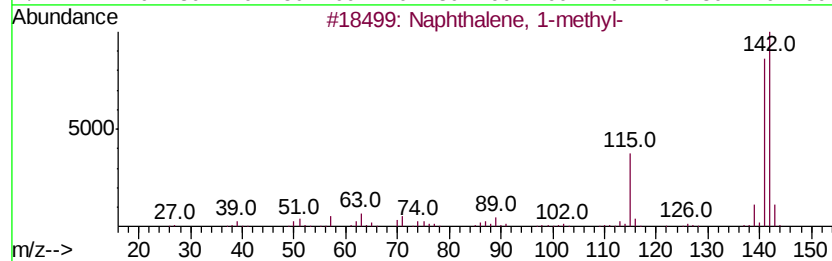
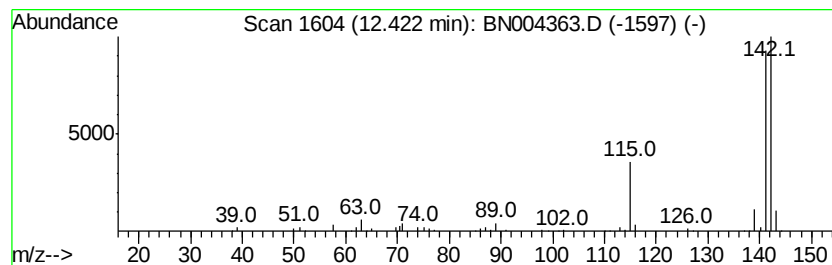
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	29.77 ng/ul	373160	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



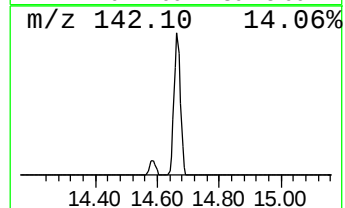
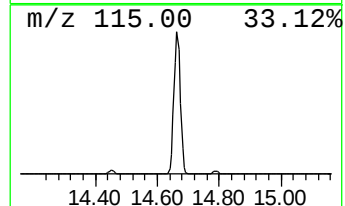
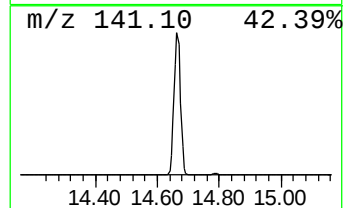
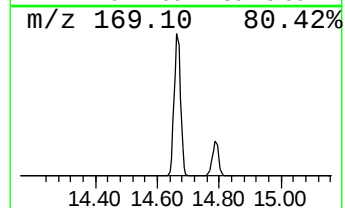
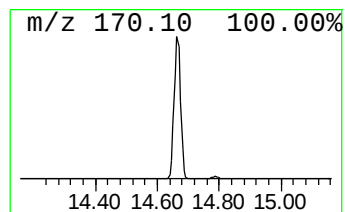
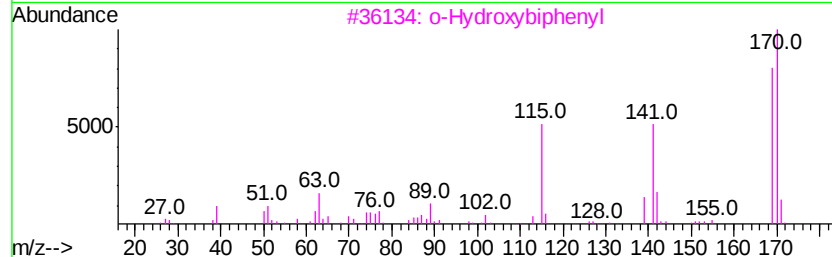
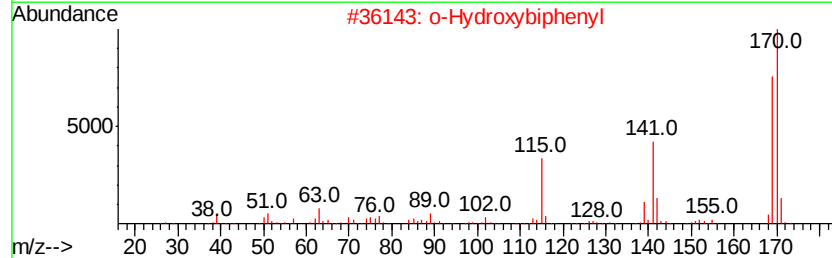
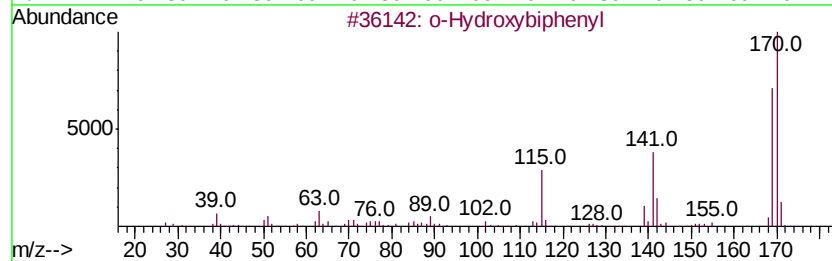
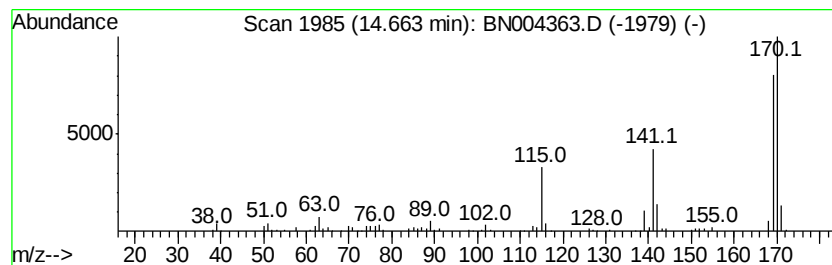
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 o-Hydroxybiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	26.81 ng/ul	503827	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Hydroxybiphenyl	170 C12H10O	000090-43-7 97
2		o-Hydroxybiphenyl	170 C12H10O	000090-43-7 97
3		o-Hydroxybiphenyl	170 C12H10O	000090-43-7 96
4		o-Hydroxybiphenyl	170 C12H10O	000090-43-7 94
5		p-Hydroxybiphenyl	170 C12H10O	000092-69-3 62



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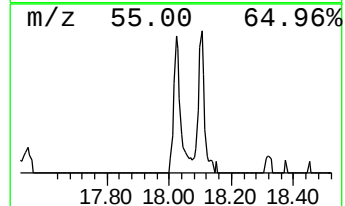
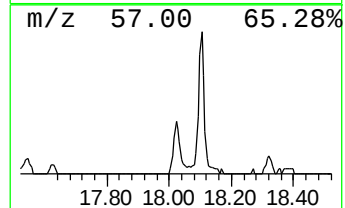
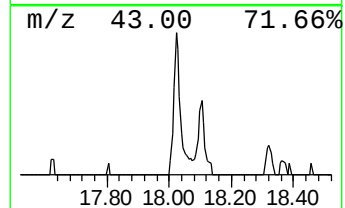
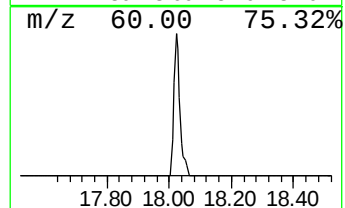
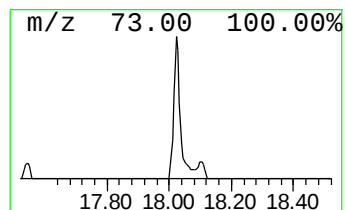
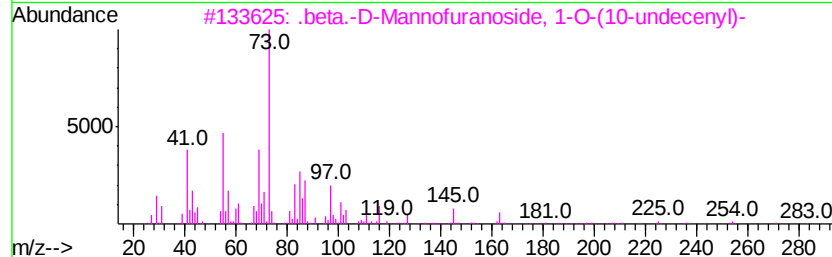
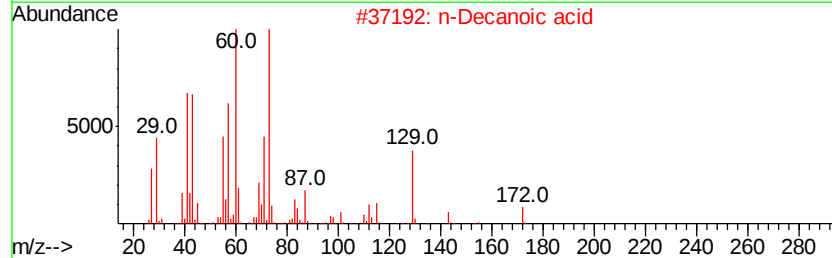
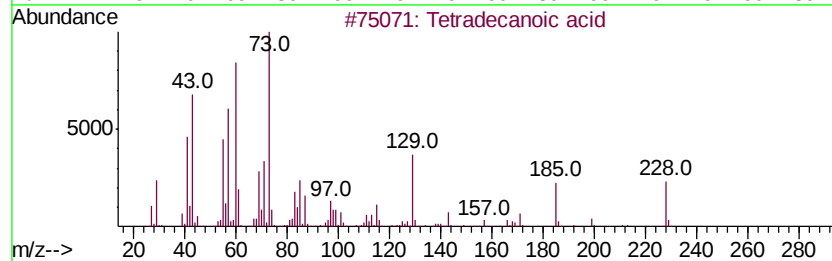
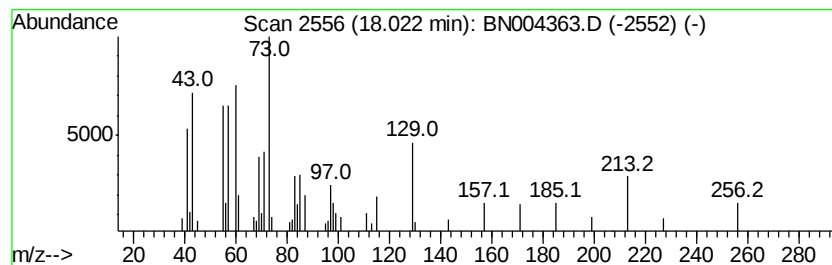
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.84 ng/ul	72362	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2		n-Decanoic acid	172	C10H20O2	000334-48-5	59
3		.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	14
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	10
5		Dodecane	170	C12H26	000112-40-3	10



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ALS Vial : 6 Sample Multiplier: 1

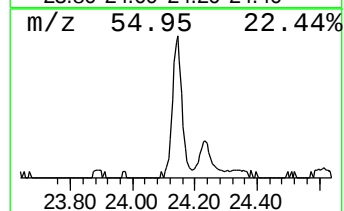
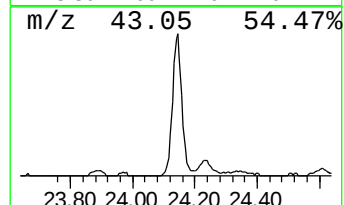
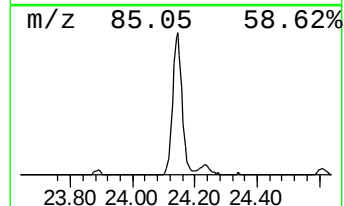
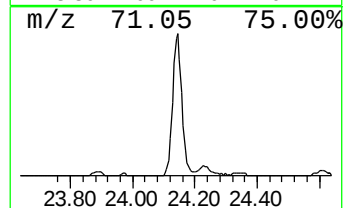
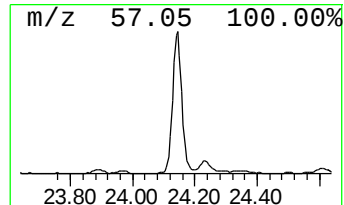
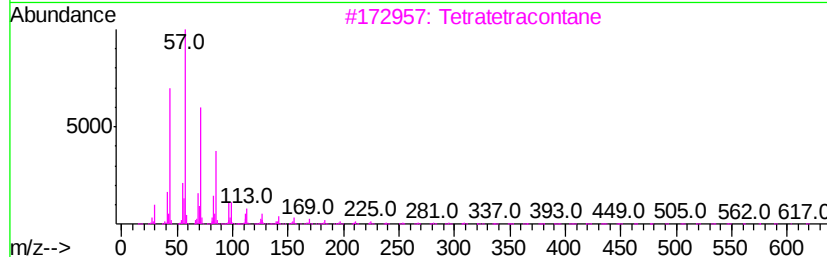
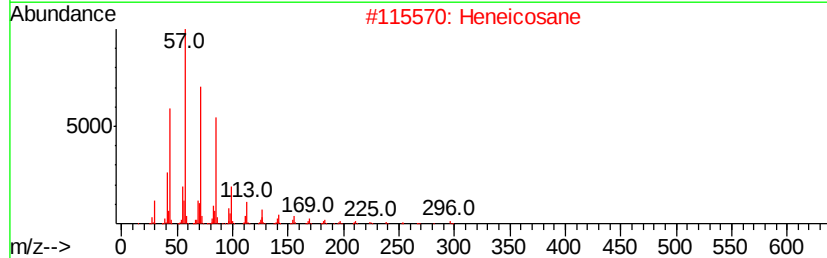
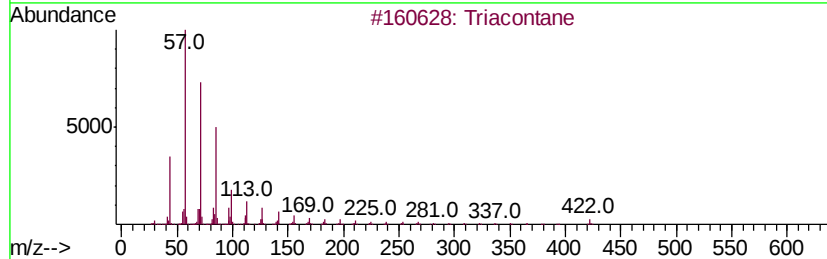
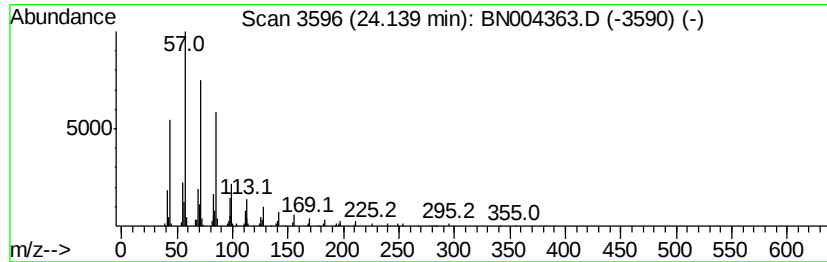
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	8.20 ng/ul	340280	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020819\
Data File : BN004363.D
Acq On : 08 Feb 2019 14:48
Operator : JU/SJ
Sample : K1410-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

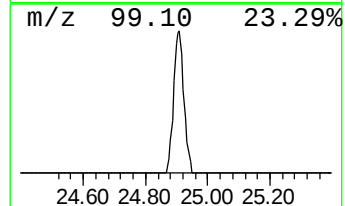
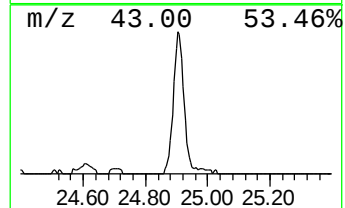
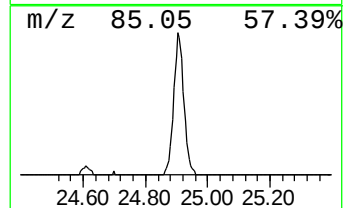
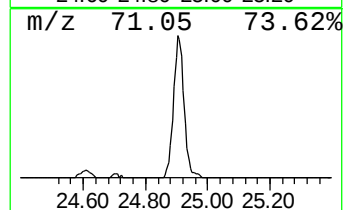
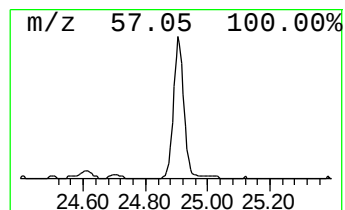
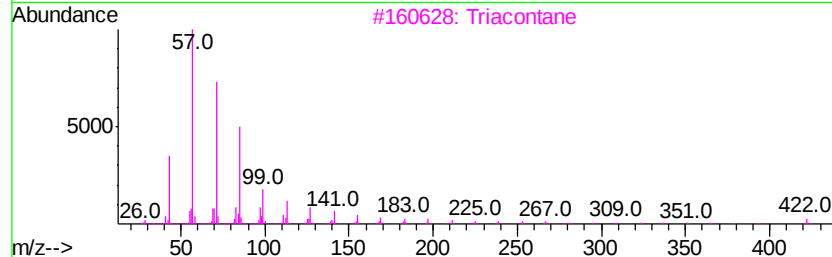
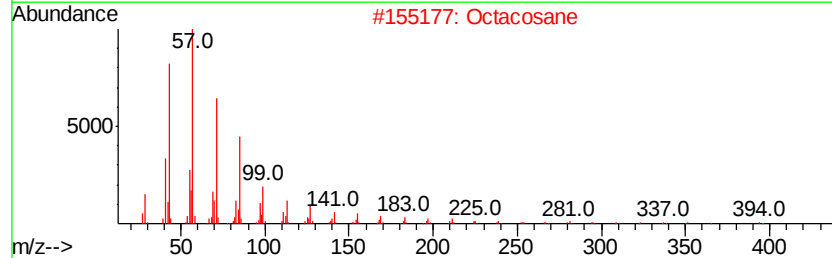
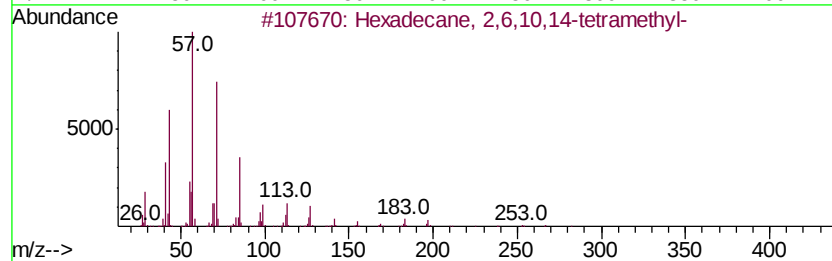
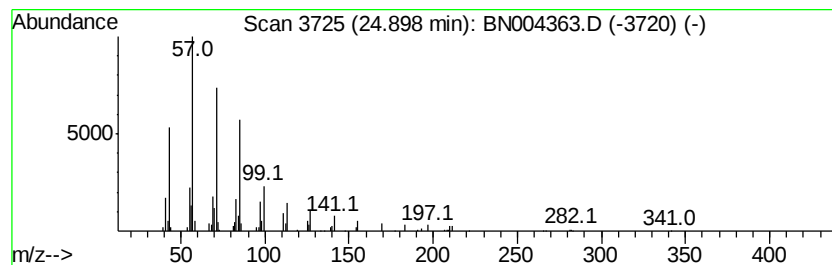
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	6.10 ng/ul	253438	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020819\
Data File : BN004363.D
Acq On : 08 Feb 2019 14:48
Operator : JU/SJ
Sample : K1410-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

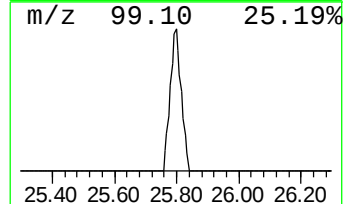
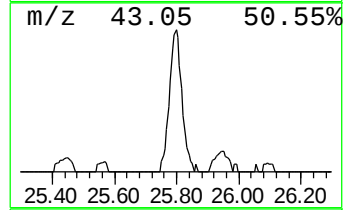
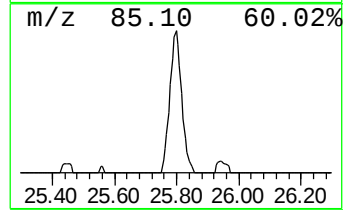
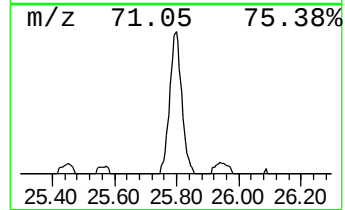
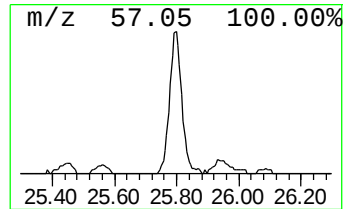
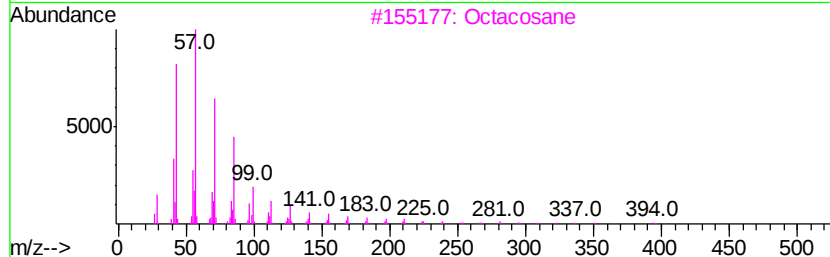
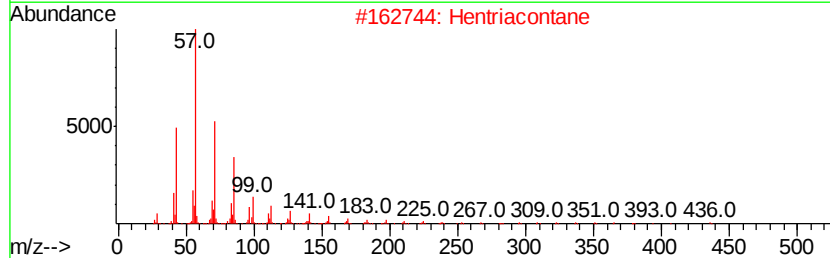
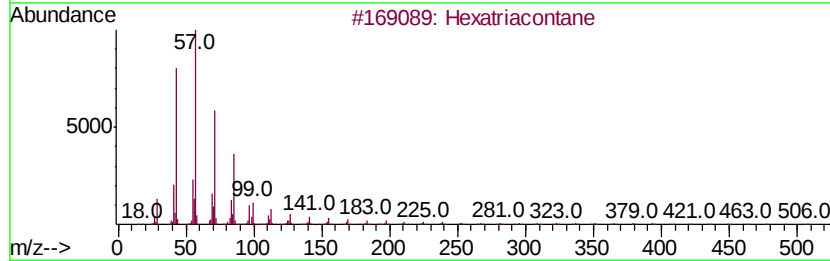
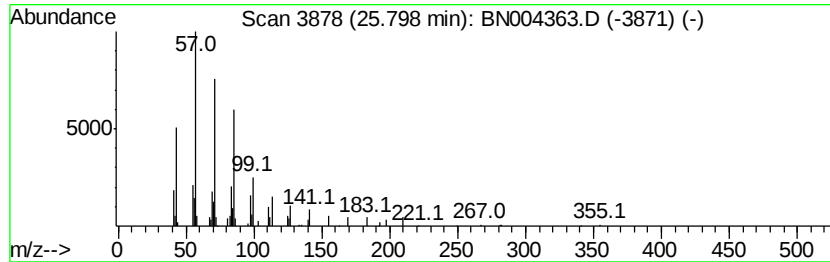
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	3.84 ng/ul	159363	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020819\
Data File : BN004363.D
Acq On : 08 Feb 2019 14:48
Operator : JU/SJ
Sample : K1410-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

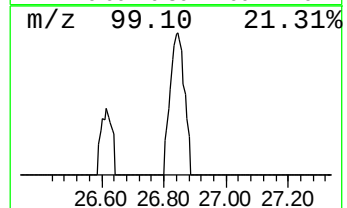
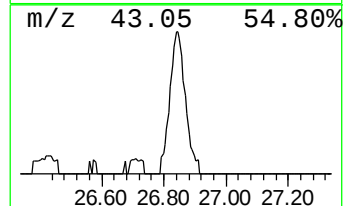
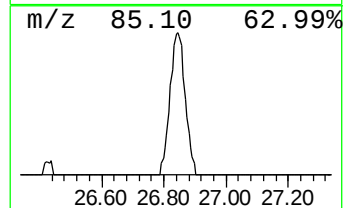
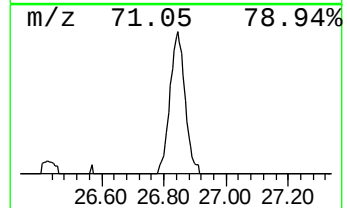
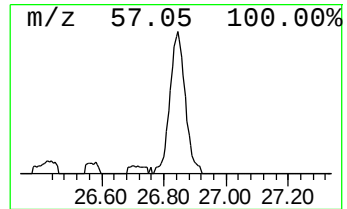
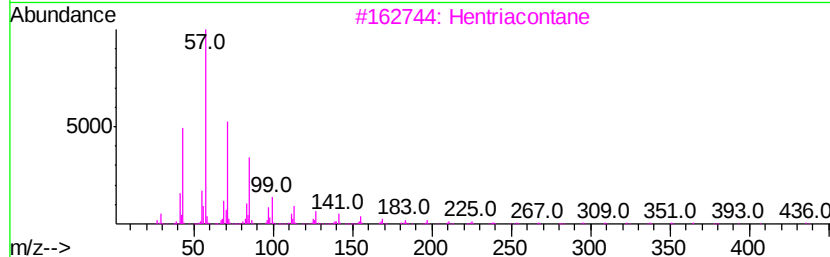
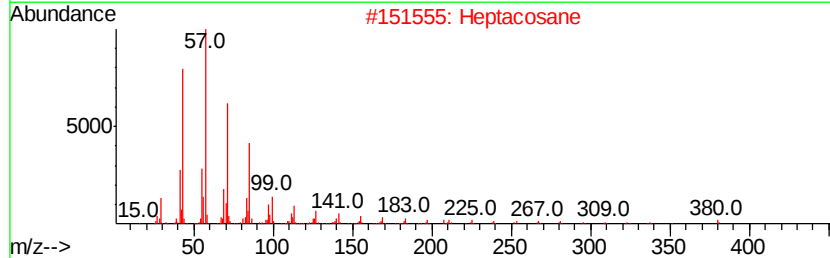
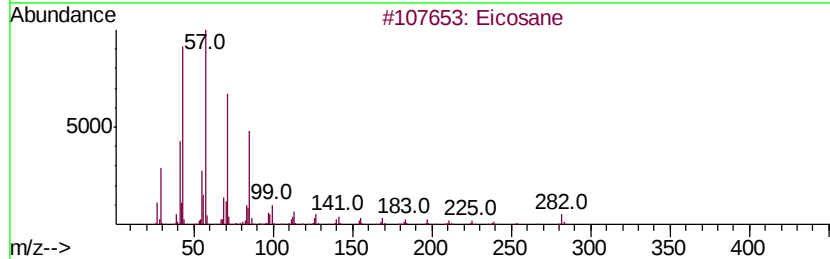
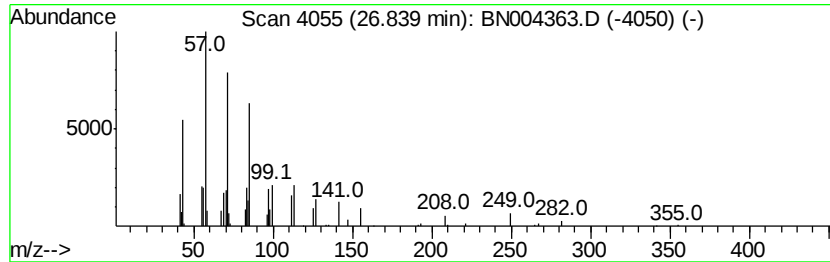
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.84	2.72 ng/ul	113120	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptacosane	380	C27H56	000593-49-7	87
3		Hentriacontane	437	C31H64	000630-04-6	86
4		Hexatriacontane	507	C36H74	000630-06-8	86
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020819\
Data File : BN004363.D
Acq On : 08 Feb 2019 14:48
Operator : JU/SJ
Sample : K1410-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.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
Naphthalene, 1-me...	12.42	29.8	ng/ul	373160	2	10.53	250685	20.0
o-Hydroxybiphenyl	14.66	26.8	ng/ul	503827	3	14.39	375874	20.0
Tetradecanoic acid	18.02	2.8	ng/ul	72362	4	17.14	510287	20.0
(DEL) Alkane: Str...	24.14	8.2	ng/ul	340280	6	23.61	830299	20.0
(DEL) Alkane: Str...	24.90	6.1	ng/ul	253438	6	23.61	830299	20.0
(DEL) Alkane: Str...	25.80	3.8	ng/ul	159363	6	23.61	830299	20.0
(DEL) Alkane: Str...	26.84	2.7	ng/ul	113120	6	23.61	830299	20.0