

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005368.D
 Acq On : 30 Apr 2019 12:27
 Operator : JU/SJ
 Sample : K2470-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5110

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-BN041919MA.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	3.211	34	38	40	rVV	65121	90366	0.68%	0.038%
2	3.240	40	43	53	rVB2	122393	199255	1.50%	0.085%
3	3.905	152	156	163	rVB2	32464	50800	0.38%	0.022%
4	4.211	203	208	217	rVB	142762	215433	1.62%	0.092%
5	4.781	298	305	318	rBV	3392102	4521622	34.00%	1.925%
6	6.769	636	643	654	rBV	1030989	1632973	12.28%	0.695%
7	6.899	658	665	666	rBV	36902	57663	0.43%	0.025%
8	6.934	666	671	678	rVB	763732	1212265	9.12%	0.516%
9	7.122	696	703	715	rBV	1009651	1635867	12.30%	0.697%
10	7.587	775	782	789	rBV	965800	1536224	11.55%	0.654%
11	8.010	848	854	860	rVB	40197	62598	0.47%	0.027%
12	8.110	863	871	878	rBV	462560	1123222	8.45%	0.478%
13	8.169	878	881	886	rVB2	51519	70880	0.53%	0.030%
14	8.281	893	900	912	rBV	1157217	1967009	14.79%	0.838%
15	8.728	967	976	980	rBV	920744	1595533	12.00%	0.679%
16	8.769	980	983	991	rVB	751983	1160708	8.73%	0.494%
17	9.175	1046	1052	1058	rBV2	51100	72836	0.55%	0.031%
18	9.440	1090	1097	1100	rBV	550869	981418	7.38%	0.418%
19	9.469	1100	1102	1114	rVB	564982	823179	6.19%	0.351%
20	9.775	1146	1154	1162	rBV	675014	1029807	7.74%	0.438%
21	9.975	1181	1188	1191	rBV	1362142	2607042	19.61%	1.110%
22	10.346	1243	1251	1256	rBV	1453458	2419242	18.19%	1.030%
23	10.399	1256	1260	1267	rVB	823342	1336784	10.05%	0.569%
24	10.487	1267	1275	1286	rBV	1036724	2177686	16.38%	0.927%
25	11.275	1403	1409	1423	rBV3	59468	163100	1.23%	0.069%
26	11.640	1463	1471	1488	rBV	3220107	5255552	39.52%	2.238%
27	12.016	1528	1535	1543	rBV	2391117	3843442	28.90%	1.637%
28	12.151	1551	1558	1565	rBV	363937	562241	4.23%	0.239%
29	12.240	1565	1573	1585	rVB	2067741	3282461	24.69%	1.398%
30	12.375	1589	1596	1603	rVB	1045749	1557627	11.71%	0.663%
31	12.640	1634	1641	1649	rBV	1124452	1753974	13.19%	0.747%
32	12.975	1687	1698	1701	rBV7	23130	58896	0.44%	0.025%
33	13.087	1708	1717	1722	rVV	1802259	2995389	22.53%	1.275%
34	13.134	1722	1725	1730	rVB	306870	432217	3.25%	0.184%

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35	13.640	1805	1811	1816	rVV	2596109	3633269	27.32%	1.547%
36	13.687	1816	1819	1827	rVB	835572	1095246	8.24%	0.466%
37	13.804	1830	1839	1844	rBV	614562	848687	6.38%	0.361%
38	13.910	1850	1857	1861	rBV	2800052	4765095	35.84%	2.029%
39	14.034	1872	1878	1888	rBV	17164	55048	0.41%	0.023%
40	14.222	1904	1910	1916	rVV2	1918278	3007597	22.62%	1.281%
41	14.287	1916	1921	1930	rVB	1630165	2351527	17.68%	1.001%
42	14.434	1940	1946	1952	rBV	929338	1535946	11.55%	0.654%
43	14.481	1952	1954	1962	rVB5	124575	192485	1.45%	0.082%
44	14.598	1968	1974	1980	rBV	1358525	1946907	14.64%	0.829%
45	14.657	1980	1984	1989	rVV4	43370	79829	0.60%	0.034%
46	14.710	1989	1993	2001	rVV	118998	182182	1.37%	0.078%
47	14.857	2011	2018	2033	rBV	2703360	3922258	29.50%	1.670%
48	15.051	2042	2051	2055	rBV3	56833	108066	0.81%	0.046%
49	15.110	2056	2061	2064	rVV	90474	150417	1.13%	0.064%
50	15.151	2065	2068	2074	rVV2	57965	114926	0.86%	0.049%
51	15.222	2074	2080	2085	rVV	3641083	5446814	40.96%	2.319%
52	15.281	2085	2090	2097	rVV	3924802	5503414	41.39%	2.343%
53	15.369	2097	2105	2114	rVV2	2085338	3457974	26.01%	1.472%
54	15.463	2117	2121	2128	rVB2	58181	96858	0.73%	0.041%
55	15.969	2201	2207	2211	rVV5	55070	114568	0.86%	0.049%
56	16.175	2237	2242	2251	rVB	2489562	3454264	25.98%	1.471%
57	16.286	2255	2261	2267	rBV	2768439	3798041	28.56%	1.617%
58	16.639	2316	2321	2329	rVB	491350	727969	5.47%	0.310%
59	16.769	2339	2343	2350	rVV5	69535	109838	0.83%	0.047%
60	16.980	2373	2379	2383	rVV2	2639934	3828812	28.79%	1.630%
61	17.022	2383	2386	2391	rVV	2207901	2979018	22.40%	1.268%
62	17.081	2391	2396	2399	rVV2	4257113	6109666	45.95%	2.601%
63	17.116	2399	2402	2408	rVB	1984873	2616553	19.68%	1.114%
64	17.245	2419	2424	2429	rBV2	125821	246097	1.85%	0.105%
65	17.392	2444	2449	2456	rBV3	86261	140295	1.06%	0.060%
66	17.463	2456	2461	2467	rBV	2538611	3338632	25.11%	1.422%
67	17.680	2493	2498	2504	rVB7	38181	70720	0.53%	0.030%
68	17.910	2531	2537	2546	rBV	2554696	3969844	29.86%	1.690%
69	18.210	2584	2588	2593	rBV3	106780	190638	1.43%	0.081%
70	18.257	2593	2596	2600	rVB4	42697	65958	0.50%	0.028%
71	18.410	2617	2622	2630	rVB	433373	625820	4.71%	0.266%

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72	18.780	2680	2685	2694	rBV	919188	1393522	10.48%	0.593%
73	18.851	2694	2697	2704	rVB2	165070	244353	1.84%	0.104%
74	19.057	2726	2732	2738	rBV	6229659	8533255	64.17%	3.633%
75	19.104	2738	2740	2746	rVB	229002	267930	2.01%	0.114%
76	19.210	2753	2758	2767	rBV	1330386	2151908	16.18%	0.916%
77	19.398	2784	2790	2793	rBV	5498270	7943351	59.74%	3.382%
78	19.427	2793	2795	2802	rVB	2775833	3160023	23.76%	1.346%
79	19.951	2880	2884	2887	rBV4	88374	143358	1.08%	0.061%
80	19.986	2887	2890	2895	rVB	203299	239924	1.80%	0.102%
81	20.498	2974	2977	2981	rVB	200894	216093	1.63%	0.092%
82	20.974	3053	3058	3064	rBV2	719086	1113957	8.38%	0.474%
83	21.180	3090	3093	3096	rBV	134668	154386	1.16%	0.066%
84	21.239	3096	3103	3107	rVV2	4031707	8328478	62.63%	3.546%
85	21.280	3107	3110	3116	rVB	2991375	3797750	28.56%	1.617%
86	21.445	3133	3138	3146	rBV	925929	1143884	8.60%	0.487%
87	21.892	3209	3214	3226	rBV	2029422	2440725	18.36%	1.039%
88	22.033	3234	3238	3242	rVB	213155	281720	2.12%	0.120%
89	22.357	3288	3293	3303	rVB	3290022	4183639	31.46%	1.781%
90	22.827	3366	3373	3377	rBV	7410926	13296984	100.00%	5.662%
91	22.868	3377	3380	3390	rVB2	5970856	8741098	65.74%	3.722%
92	23.345	3454	3461	3466	rBV2	4373511	8135117	61.18%	3.464%
93	23.386	3466	3468	3471	rVV	1205867	1836681	13.81%	0.782%
94	23.427	3471	3475	3480	rVV	4033033	6488282	48.80%	2.763%
95	23.486	3480	3485	3493	rVB	2529135	4561561	34.31%	1.942%
96	24.062	3576	3583	3591	rBV	3086234	6018648	45.26%	2.563%
97	24.798	3700	3708	3719	rBV	2082334	4263770	32.07%	1.816%
98	25.686	3845	3859	3873	rBV3	3060826	10785862	81.12%	4.593%
99	26.345	3962	3971	3986	rVB	1491221	4321870	32.50%	1.840%
100	26.645	4015	4022	4034	rVB	434667	1298587	9.77%	0.553%

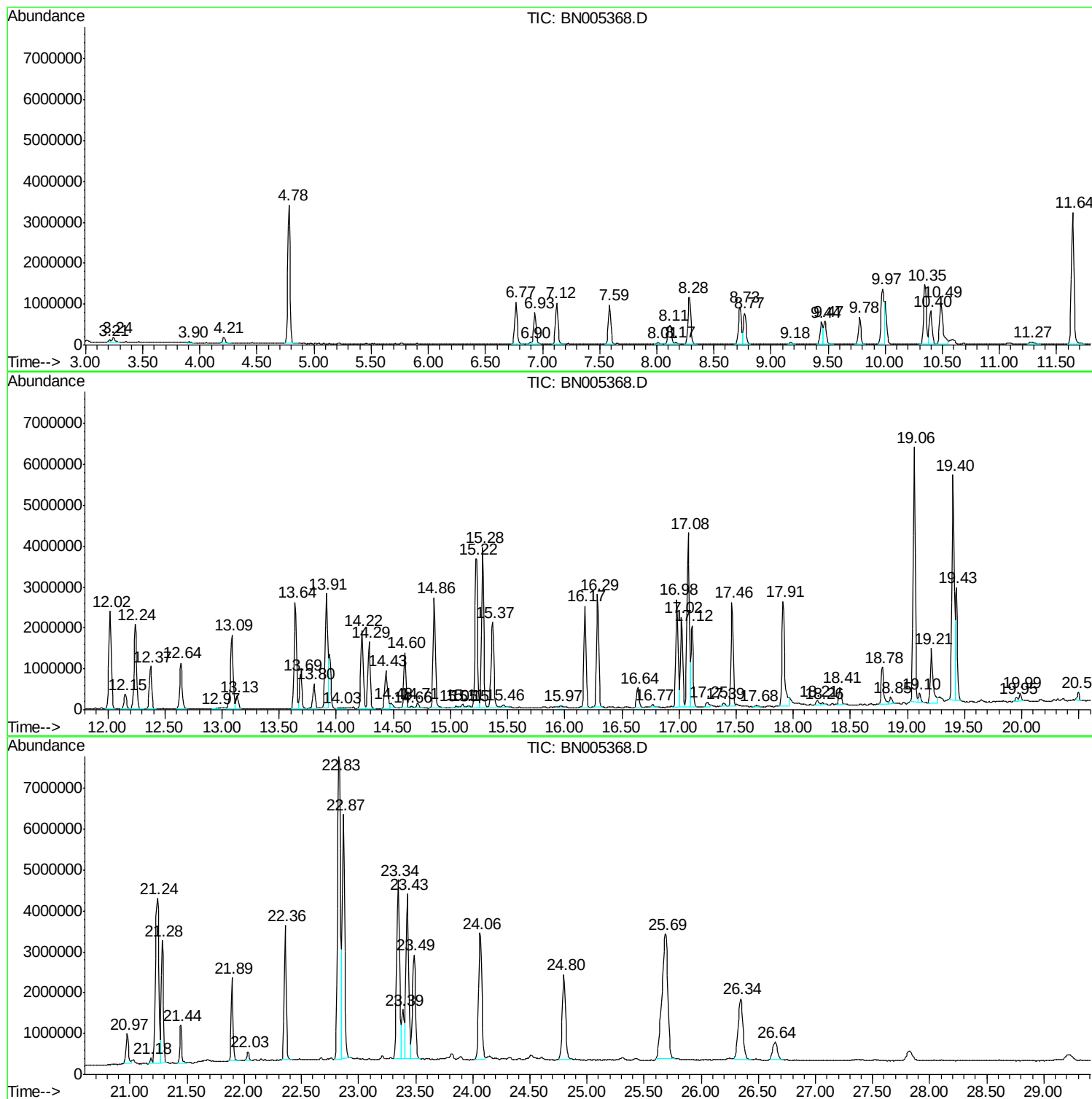
Sum of corrected areas: 234853305

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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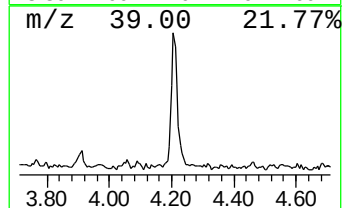
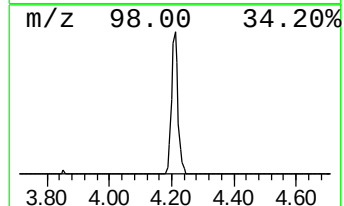
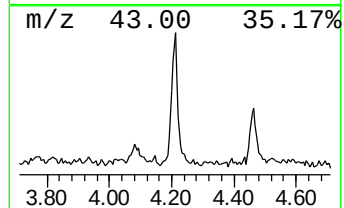
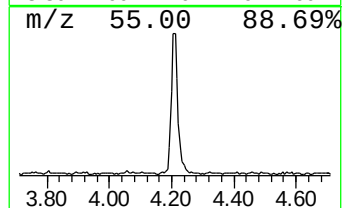
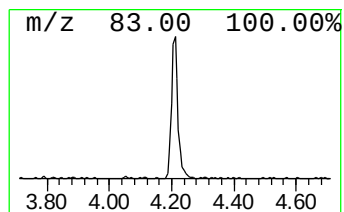
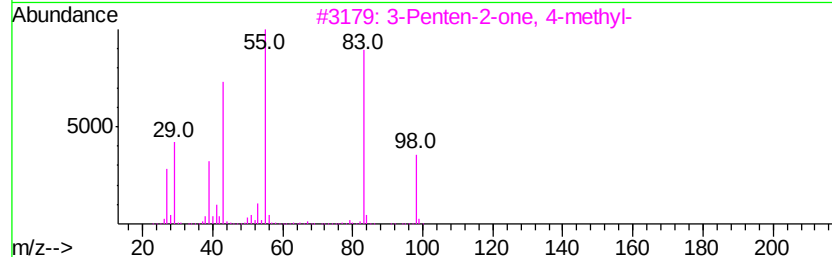
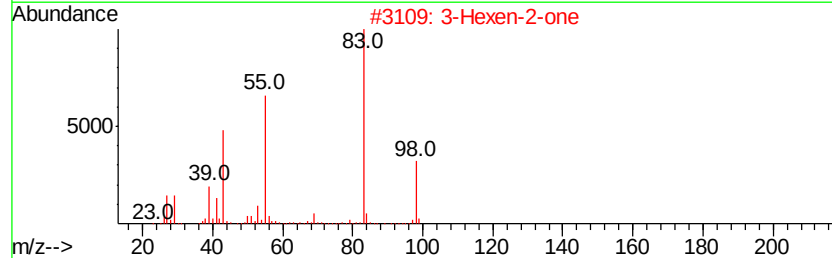
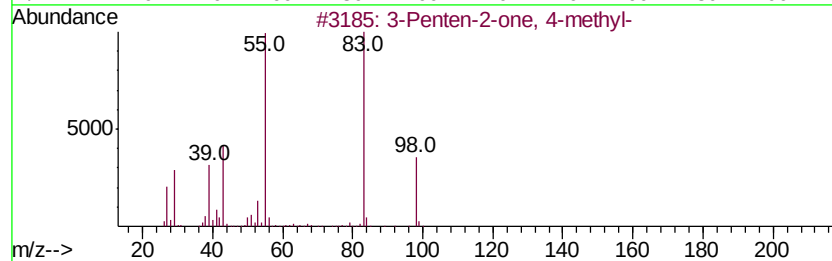
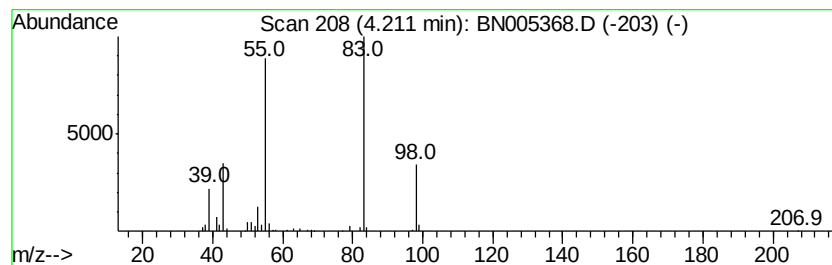
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	2.80 ng/ul	215433	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	90
3		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
4		3-Hexen-2-one	98	C6H10O	000763-93-9	86
5		3-Hexen-2-one	98	C6H10O	000763-93-9	83



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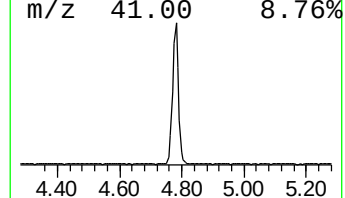
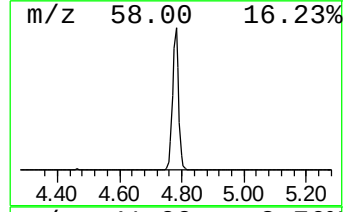
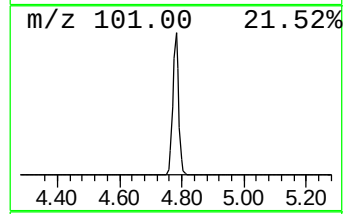
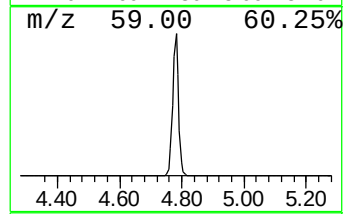
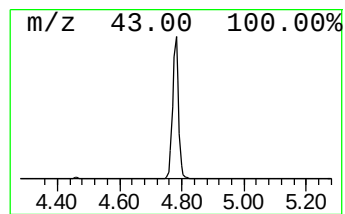
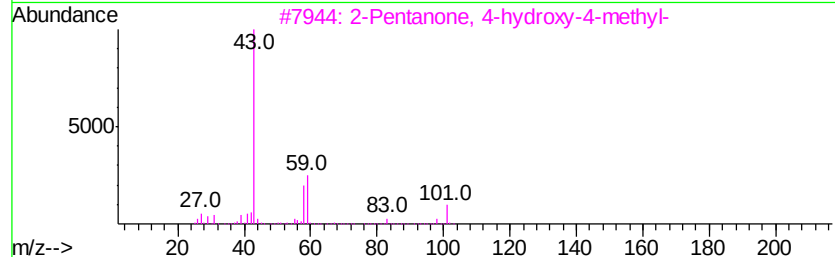
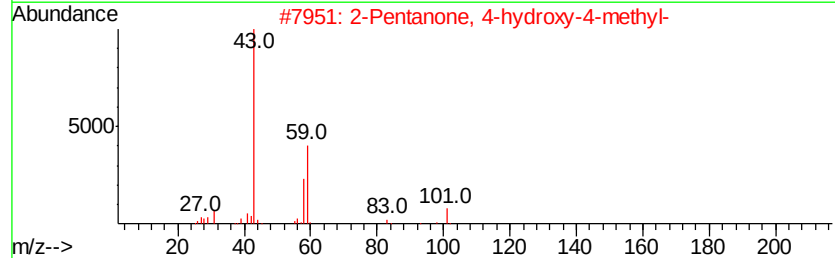
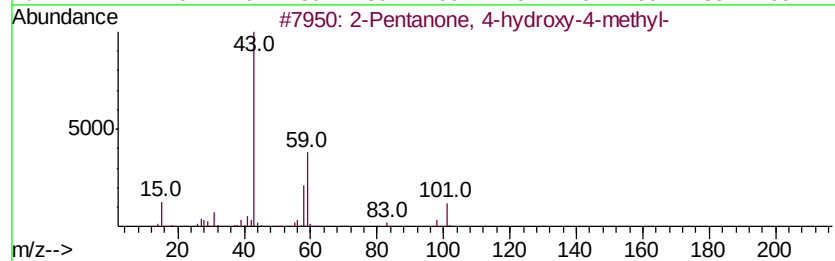
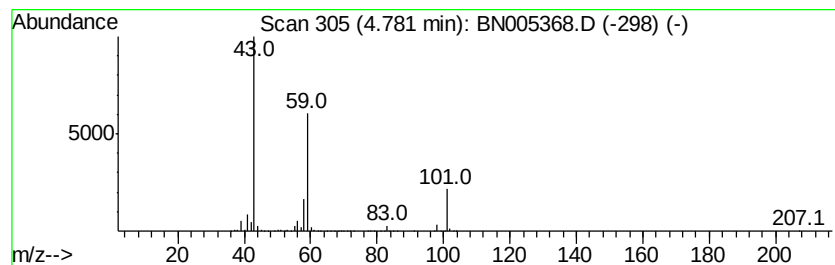
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	58.87 ng/ul	4521620	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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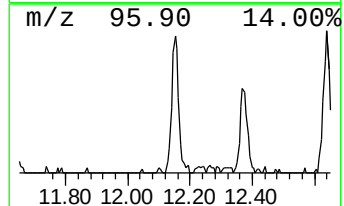
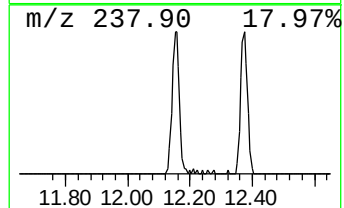
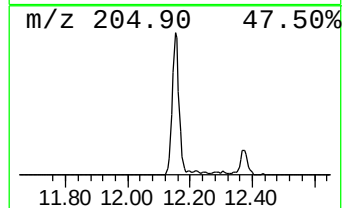
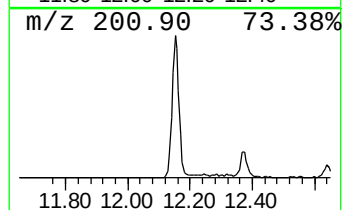
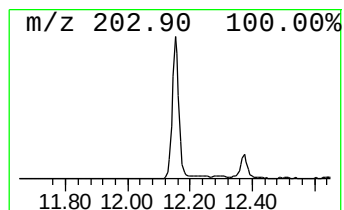
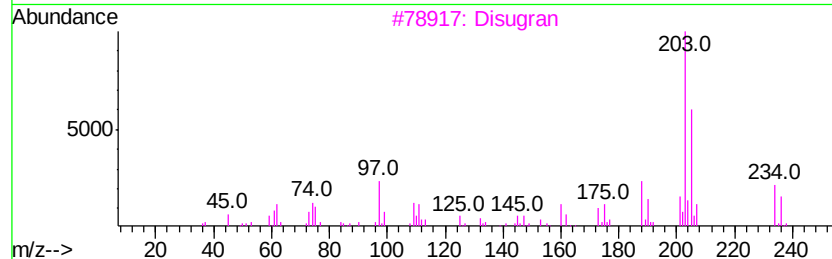
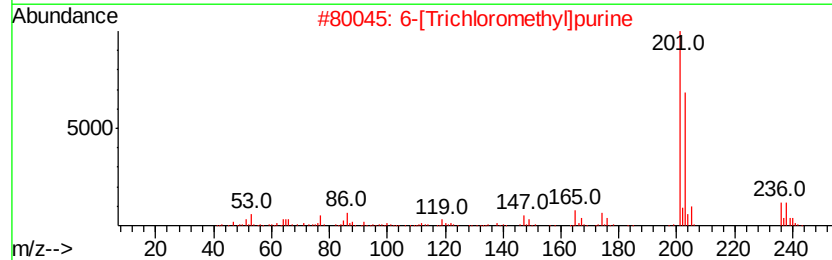
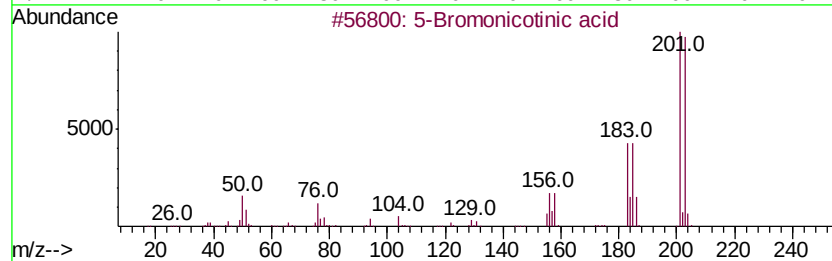
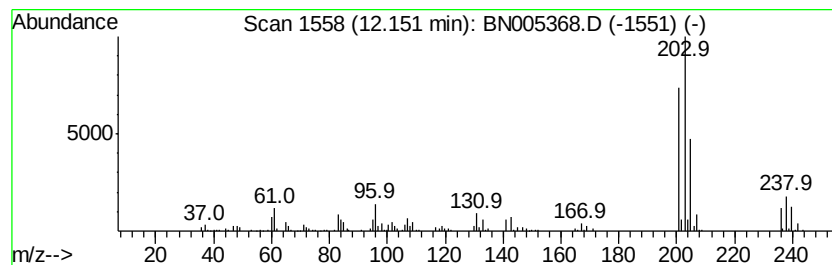
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	4.65 ng/ul	562241	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Bromonicotinic acid	201	C6H4BrNO2	020826-04-4	47
2			6-[Trichloromethyl]purine	236	C6H3Cl3N4	002568-37-8	43
3			Disugran	234	C9H8Cl2O3	006597-78-0	25
4			Disugran	234	C9H8Cl2O3	006597-78-0	23
5			Methyl 3,5-dichloro-4-methoxyben...	234	C9H8Cl2O3	024295-27-0	23



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Acq On : 30 Apr 2019 12:27
Operator : JU/SJ
Sample : K2470-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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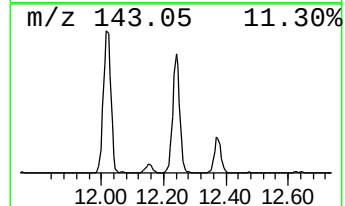
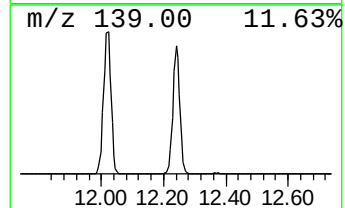
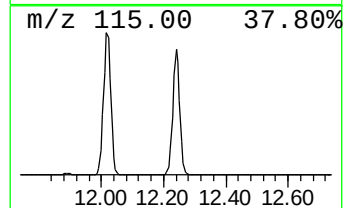
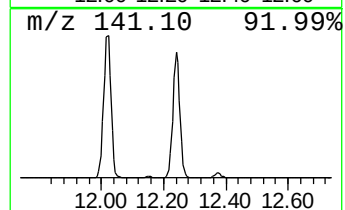
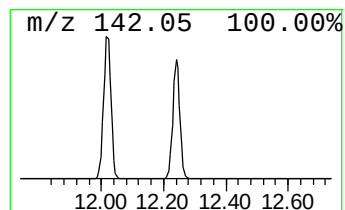
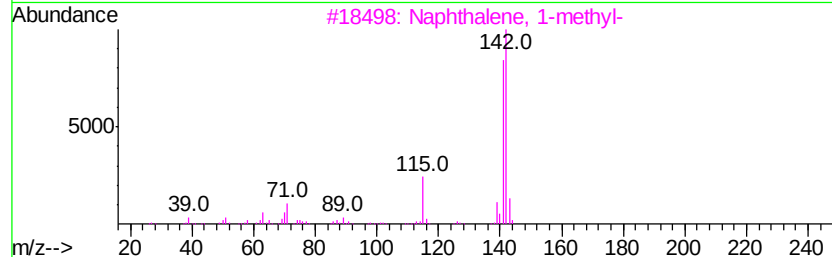
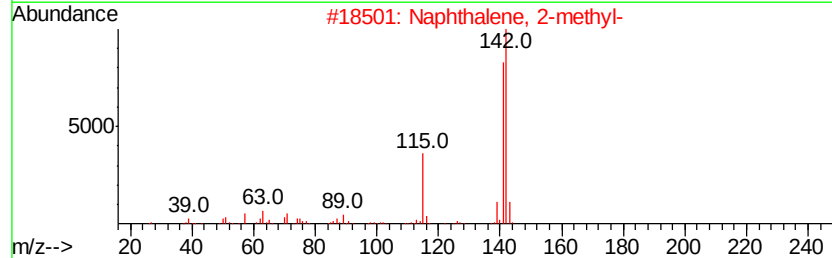
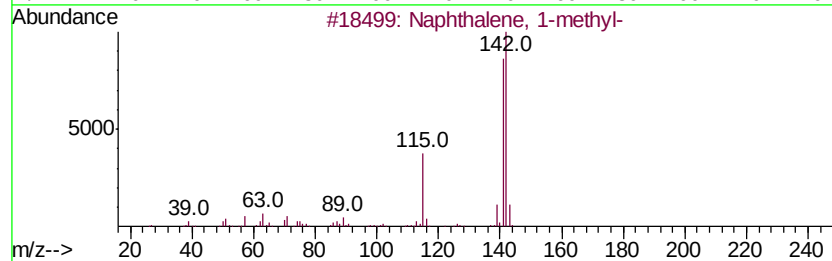
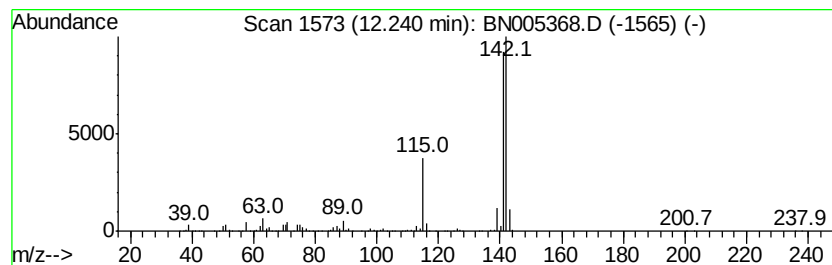
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	27.14 ng/ul	3282460	Naphthalene-d8	10.35

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		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
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Acq On : 30 Apr 2019 12:27
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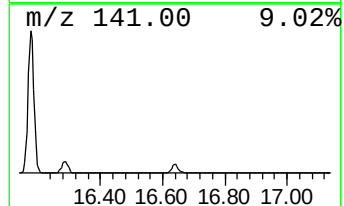
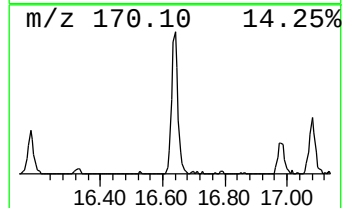
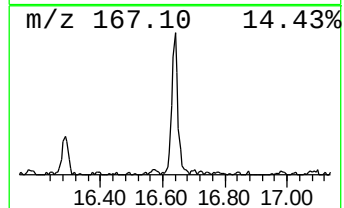
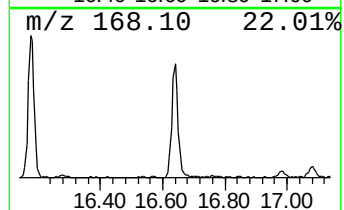
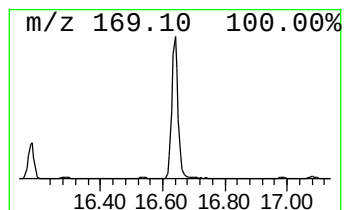
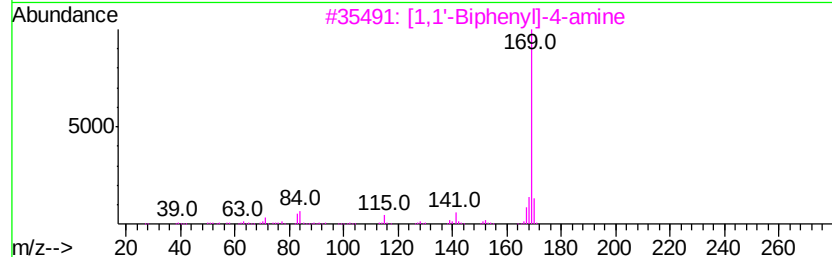
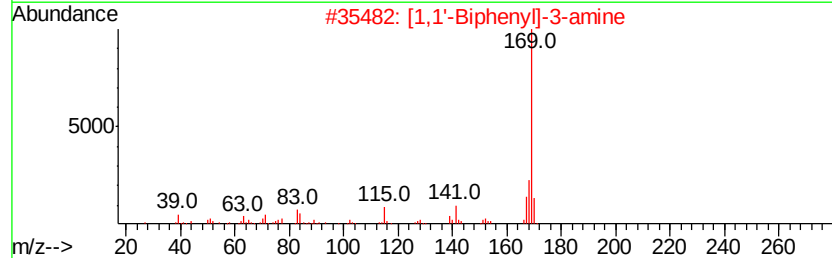
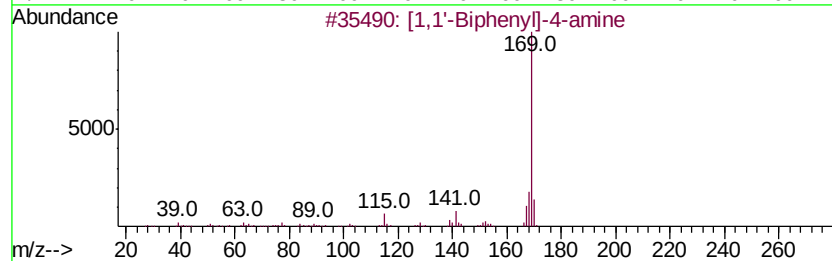
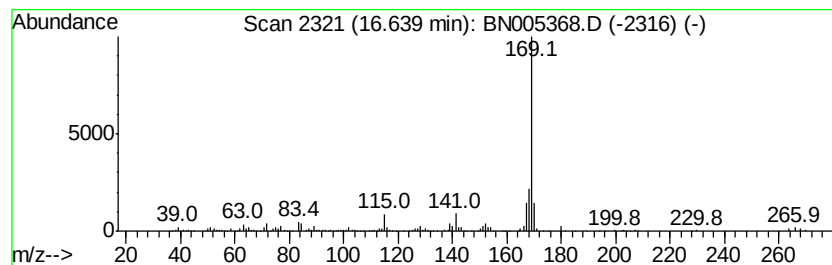
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 [1,1'-Biphenyl]-4-amine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	3.80 ng/ul	727969	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	97
2		[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	95
3		[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	93
4		[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	87
5		[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	80



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Operator : JU/SJ
Sample : K2470-02
Misc :
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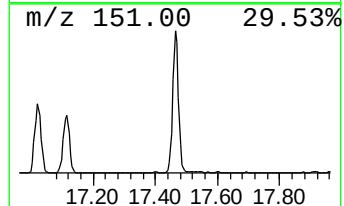
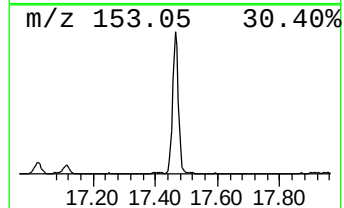
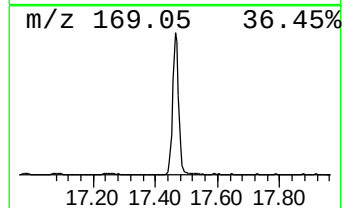
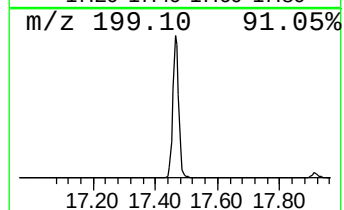
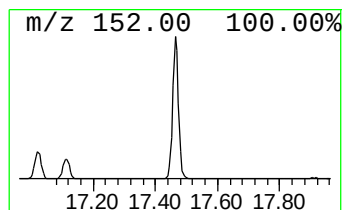
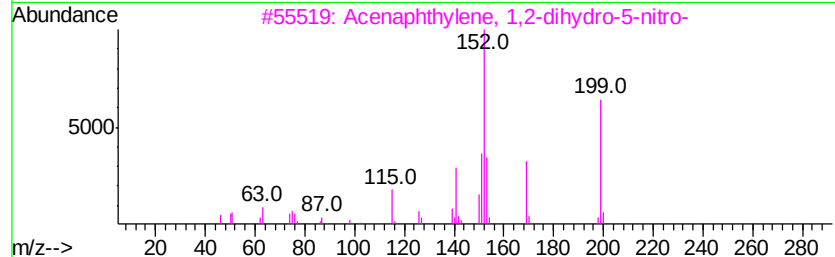
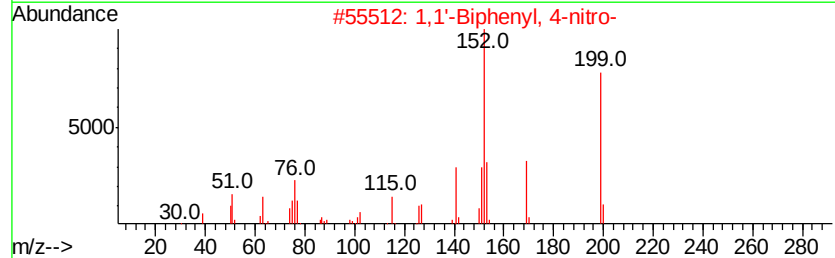
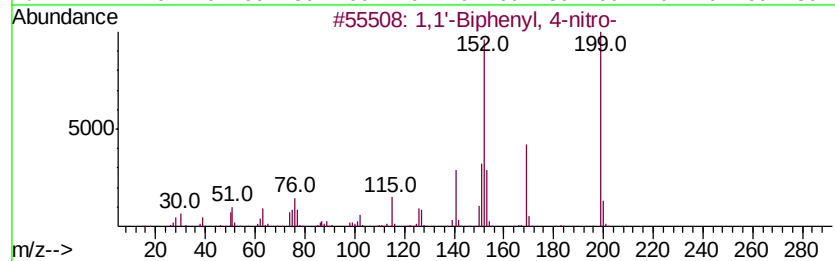
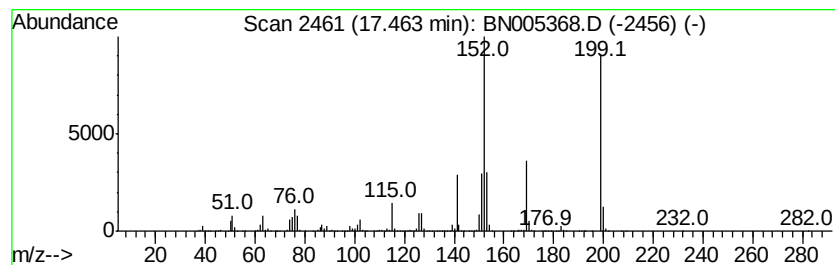
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 4-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.46	17.44 ng/ul	3338630	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	93
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	76
5	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	76



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Data File : BN005368.D
Acq On : 30 Apr 2019 12:27
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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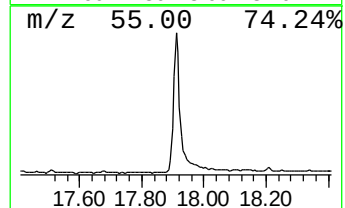
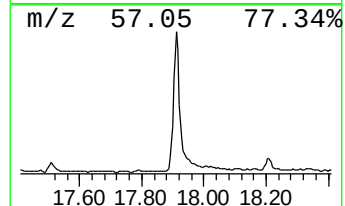
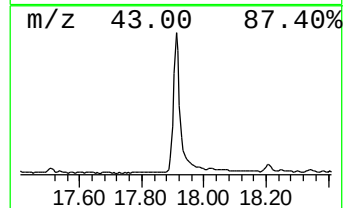
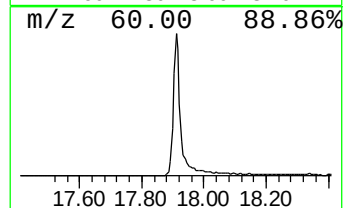
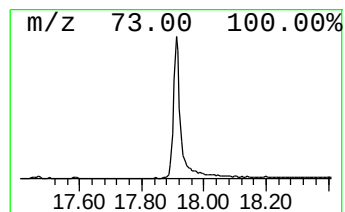
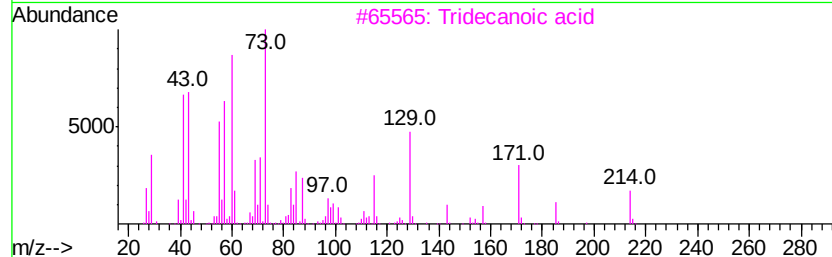
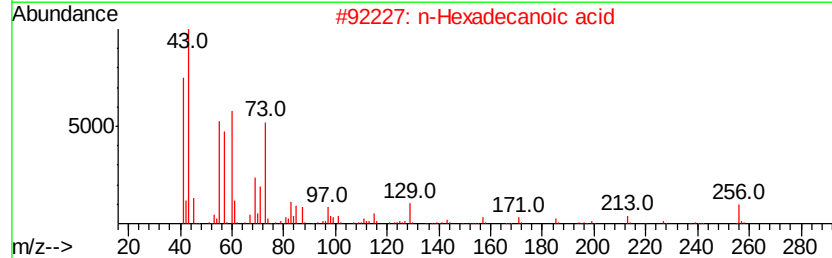
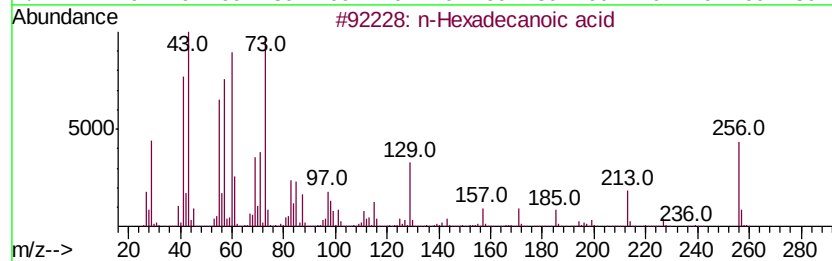
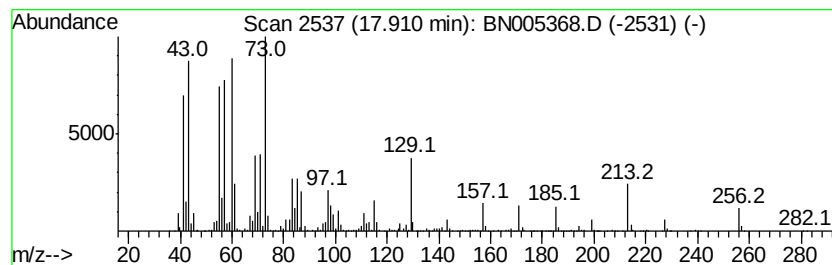
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	20.74 ng/ul	3969840	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	91



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Data File : BN005368.D
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Sample : K2470-02
Misc :
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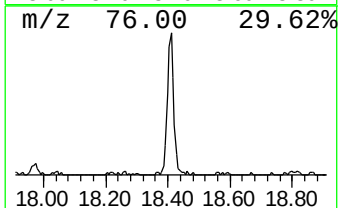
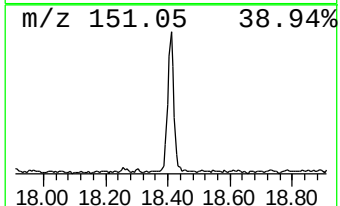
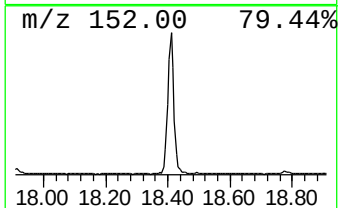
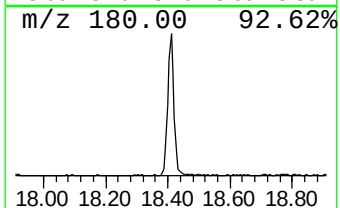
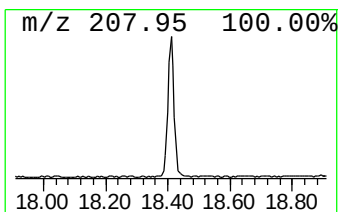
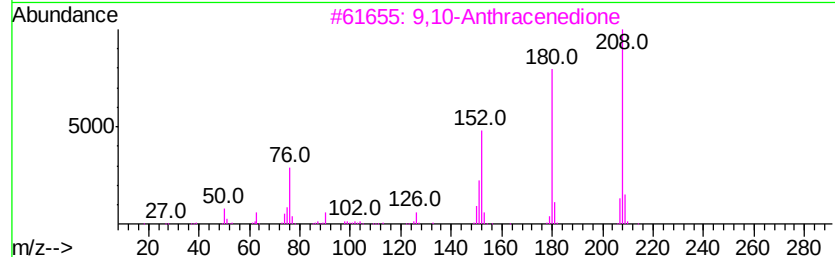
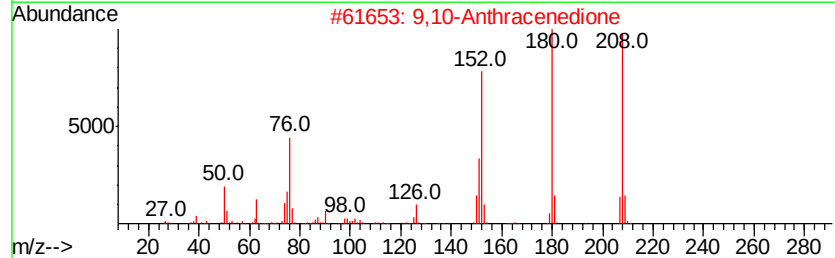
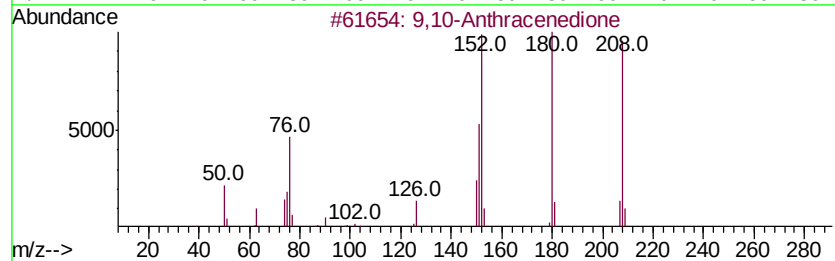
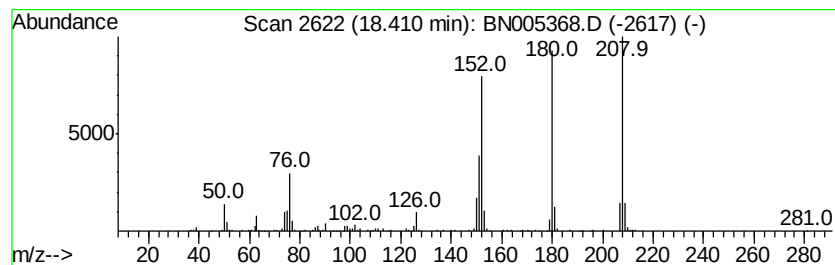
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.27 ng/ul	625820	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4		Benzo[cl]cinoline	180	C12H8N2	000230-17-1	83
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	83



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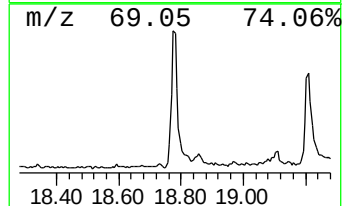
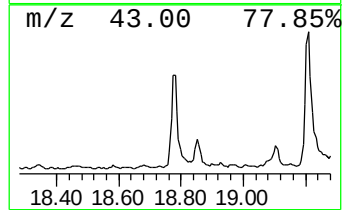
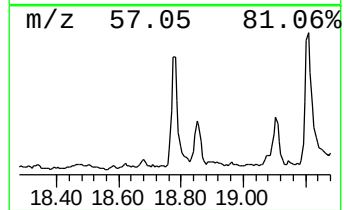
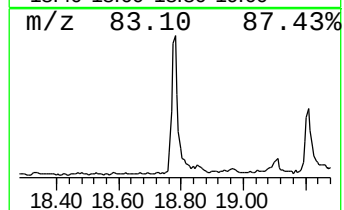
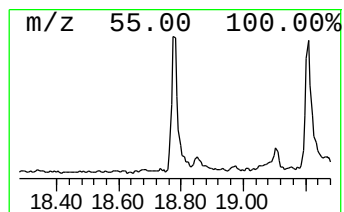
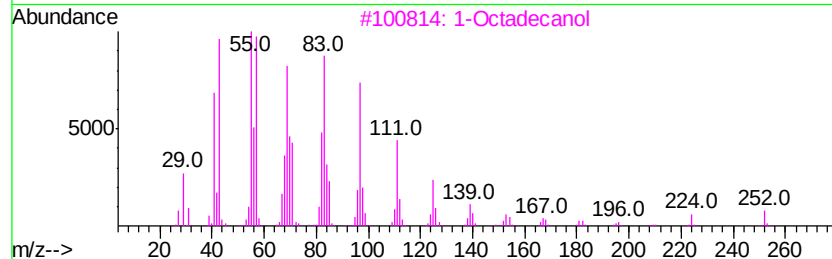
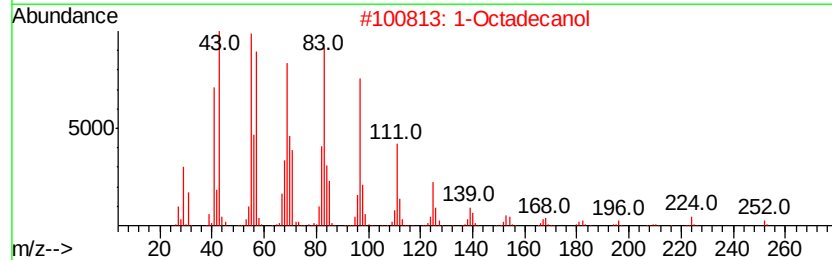
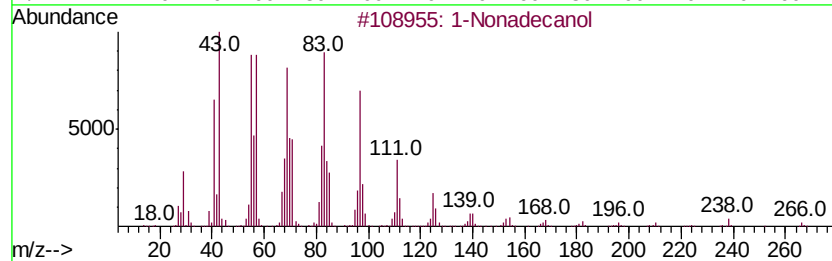
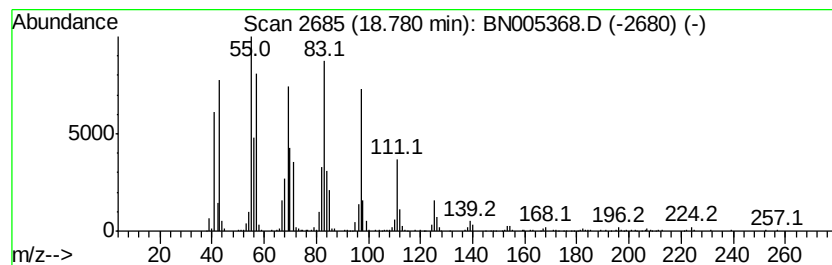
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1-Nonadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.78	7.28 ng/ul	1393520	Phenanthrene-d10		16.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecanol	284	C19H40O	001454-84-8	95
2			1-Octadecanol	270	C18H38O	000112-92-5	94
3			1-Octadecanol	270	C18H38O	000112-92-5	94
4			Cyclotetradecane	196	C14H28	000295-17-0	92
5			1-Nonadecene	266	C19H38	018435-45-5	91



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Sample : K2470-02
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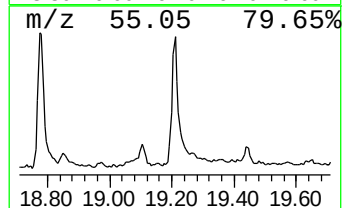
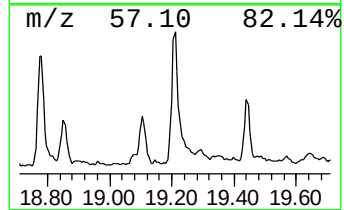
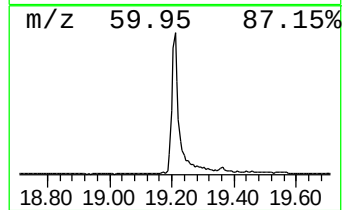
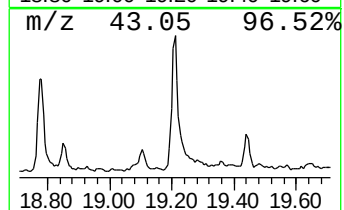
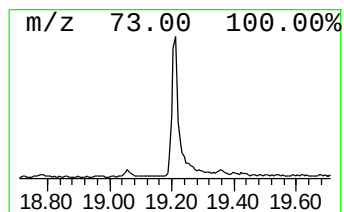
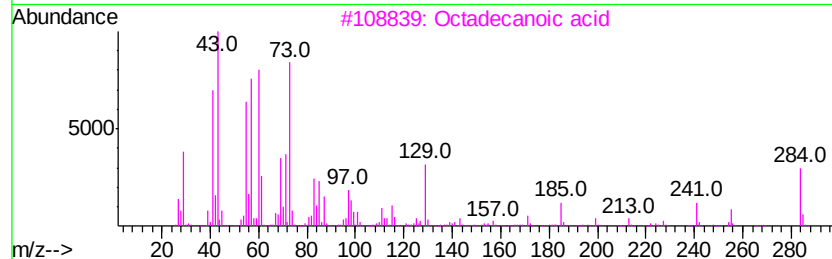
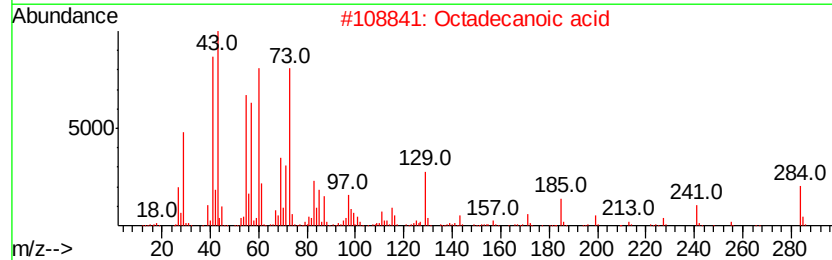
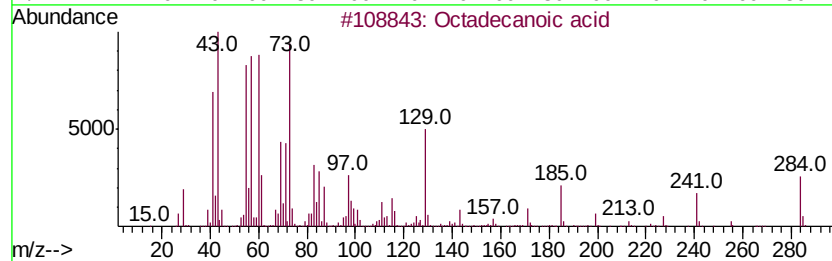
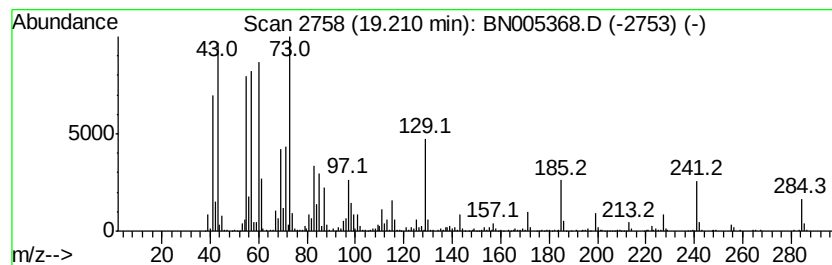
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	5.17 ng/ul	2151910	Chrysene-d12	21.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005368.D
Acq On : 30 Apr 2019 12:27
Operator : JU/SJ
Sample : K2470-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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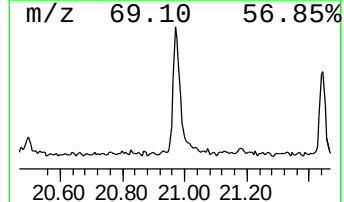
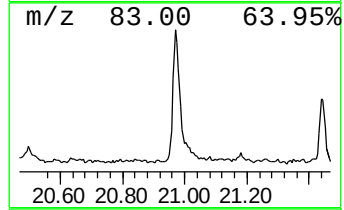
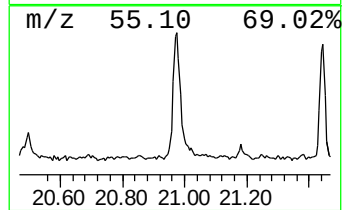
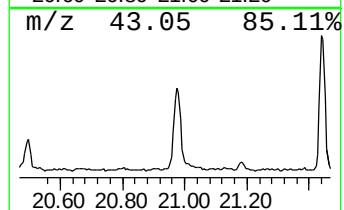
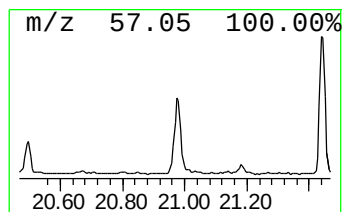
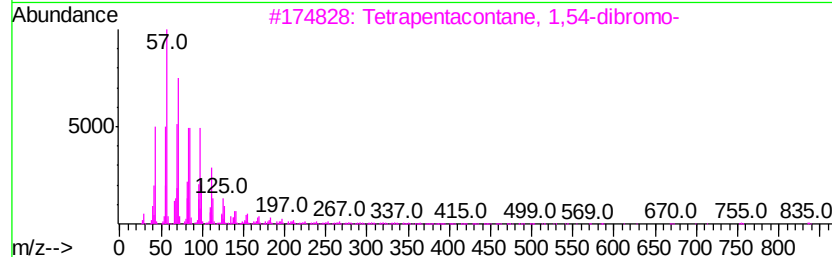
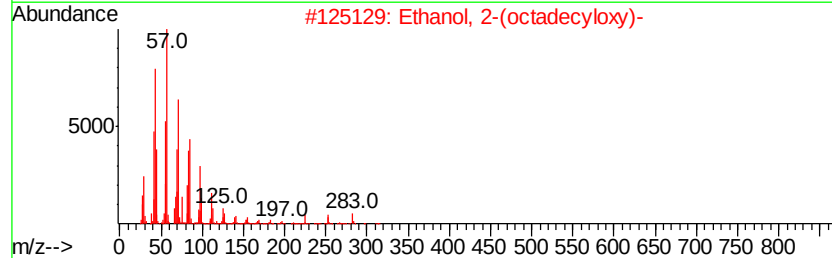
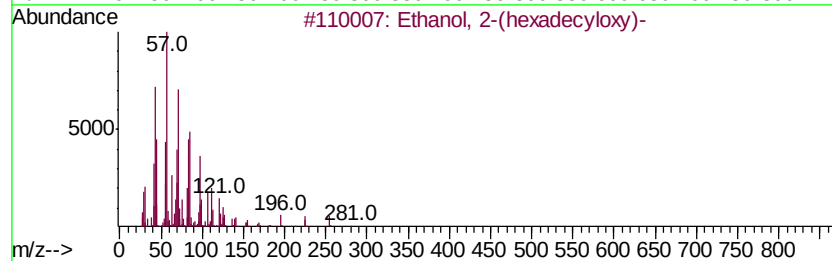
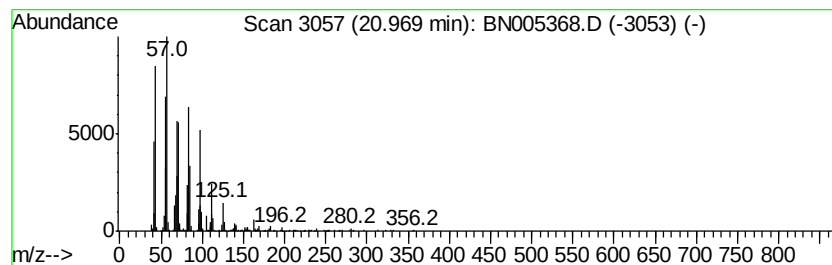
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Ethanol, 2-(hexadecyloxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.68 ng/ul	1113960	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
3		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	80
4		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	80
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
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Operator : JU/SJ
Sample : K2470-02
Misc :
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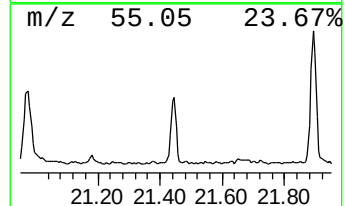
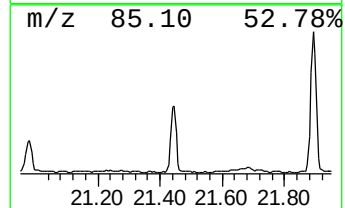
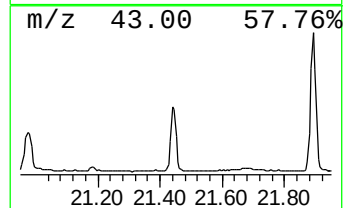
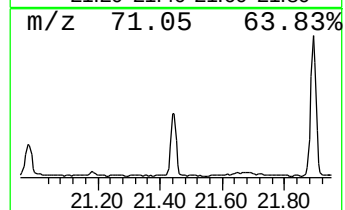
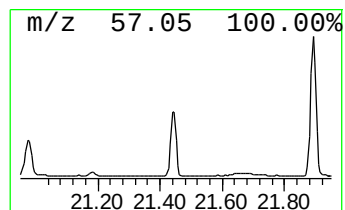
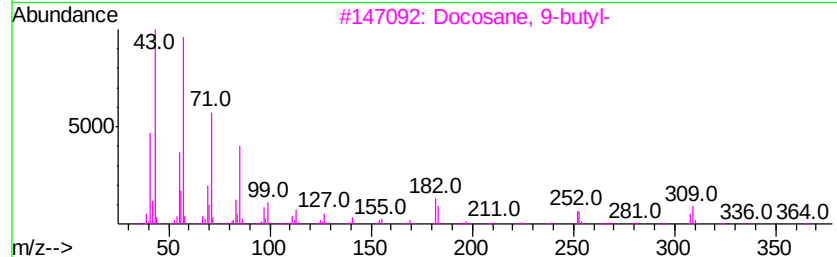
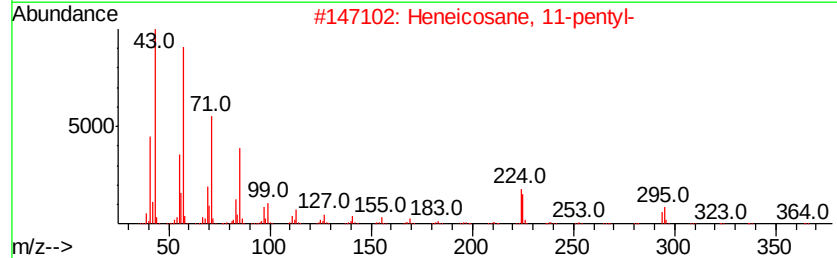
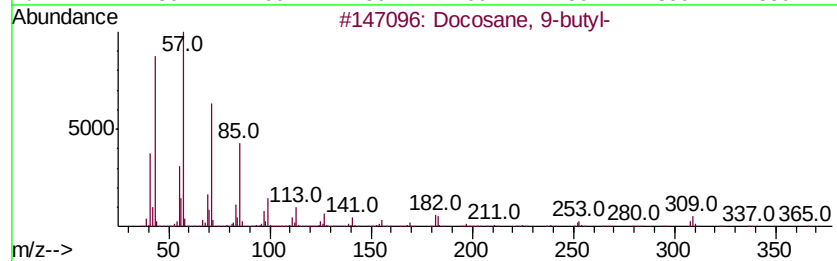
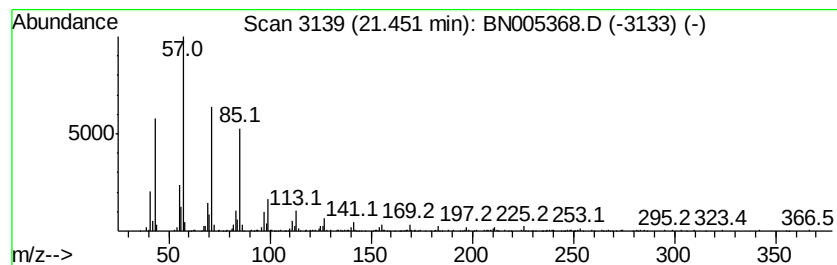
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.75 ng/ul	1143880	Chrysene-d12	21.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Docosane, 9-butyl-	366 C26H54	055282-14-9 94
2		Heneicosane, 11-pentyl-	366 C26H54	014739-72-1 94
3		Docosane, 9-butyl-	366 C26H54	055282-14-9 91
4		Heneicosane	296 C21H44	000629-94-7 91
5		triacontane	422 C30H62	000638-68-6 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005368.D
Acq On : 30 Apr 2019 12:27
Operator : JU/SJ
Sample : K2470-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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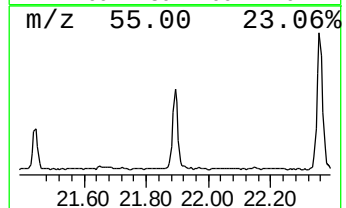
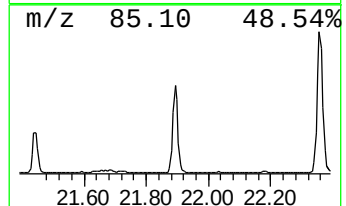
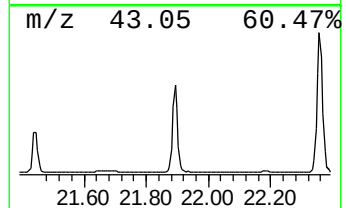
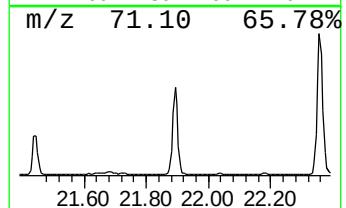
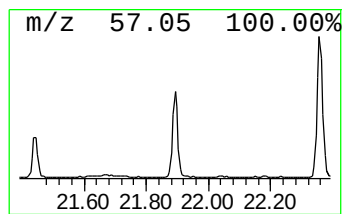
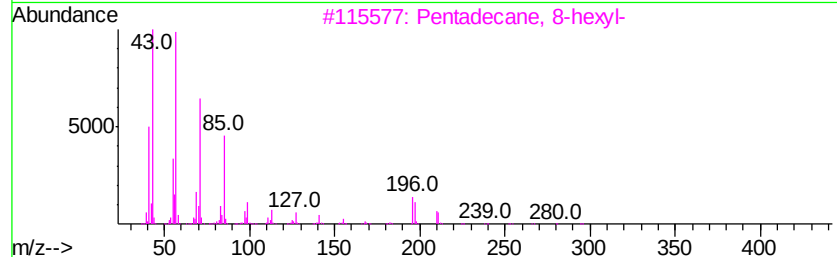
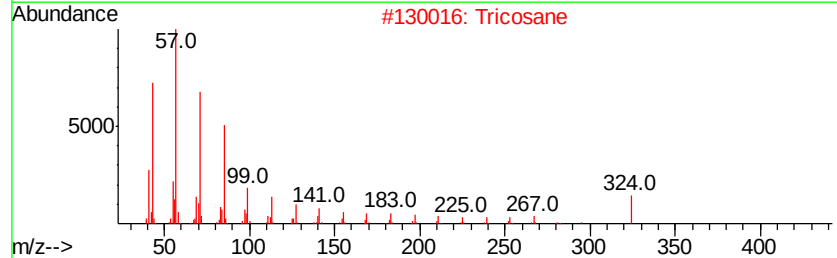
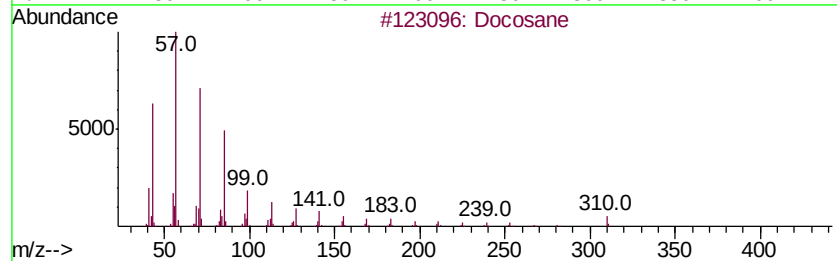
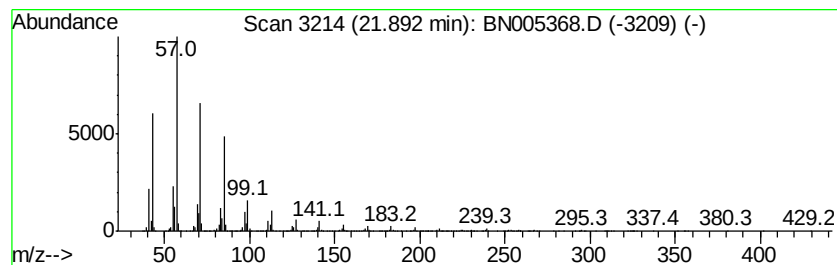
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	5.86 ng/ul	2440730	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	98
2		Tricosane	324	C23H48	000638-67-5	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
5		Heptacosane	380	C27H56	000593-49-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005368.D
Acq On : 30 Apr 2019 12:27
Operator : JU/SJ
Sample : K2470-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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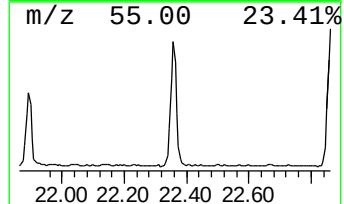
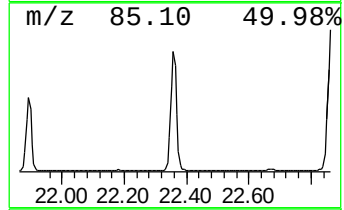
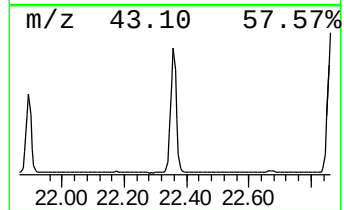
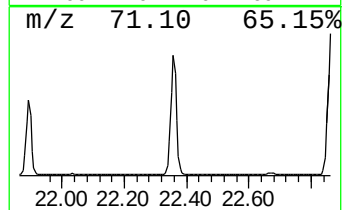
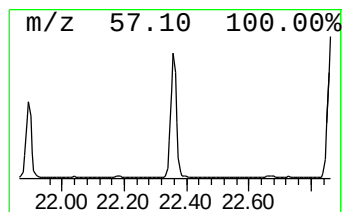
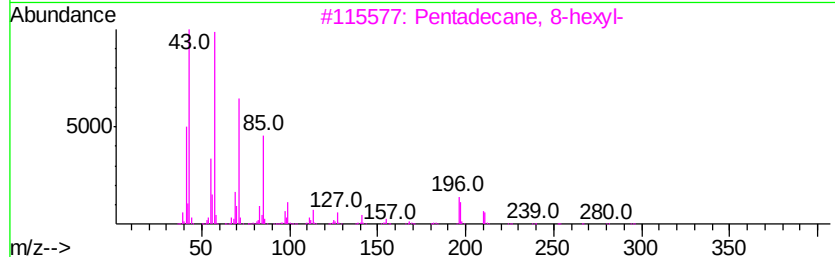
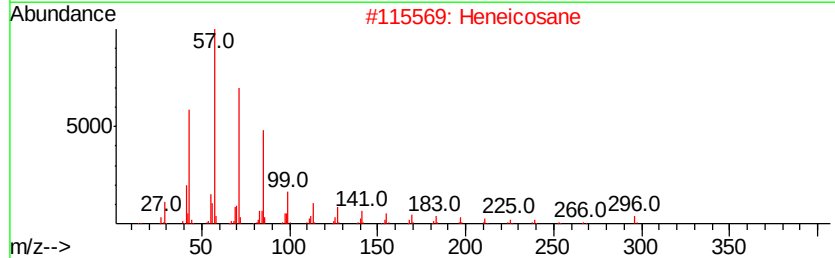
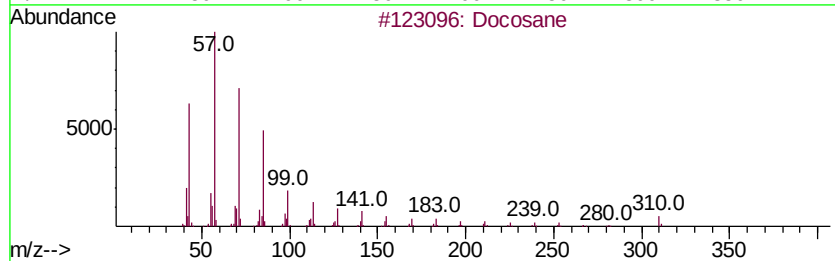
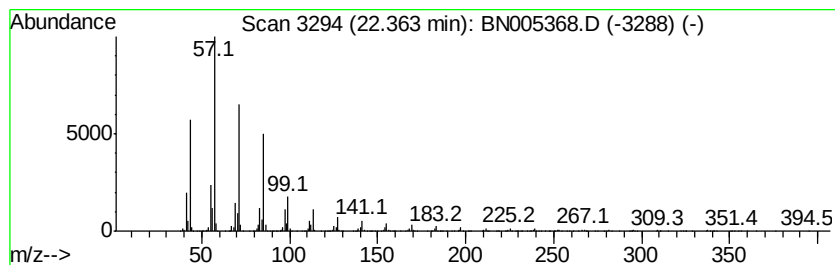
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	10.05 ng/ul	4183640	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	98
2		Heneicosane	296	C21H44	000629-94-7	97
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Docosane	310	C22H46	000629-97-0	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005368.D
Acq On : 30 Apr 2019 12:27
Operator : JU/SJ
Sample : K2470-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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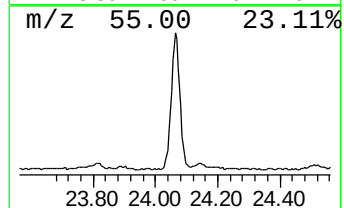
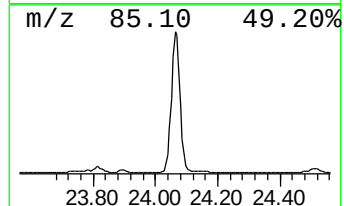
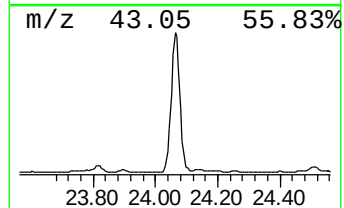
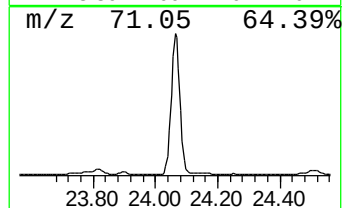
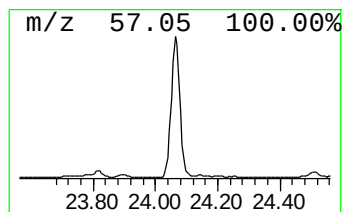
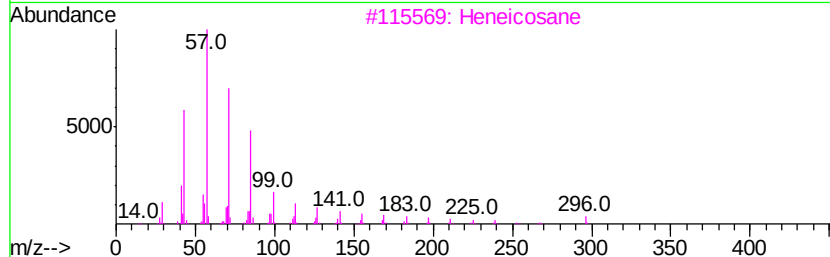
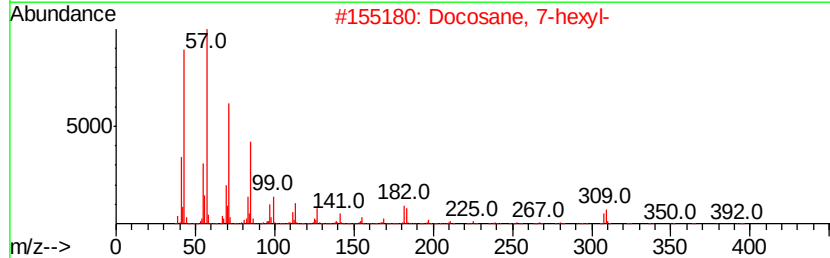
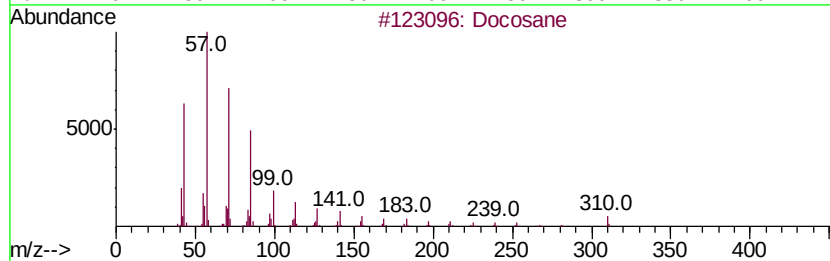
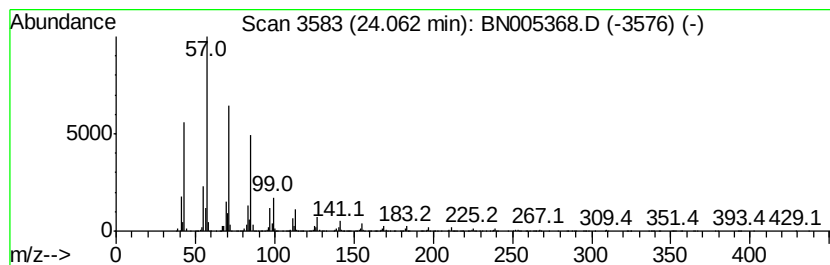
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	26.39 ng/ul	6018650	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	98
2		Docosane, 7-hexyl-	394	C28H58	055373-86-9	95
3		Heneicosane	296	C21H44	000629-94-7	94
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005368.D
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Operator : JU/SJ
Sample : K2470-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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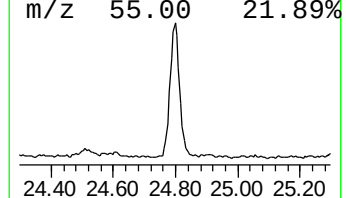
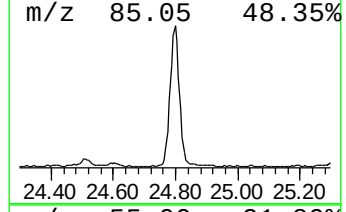
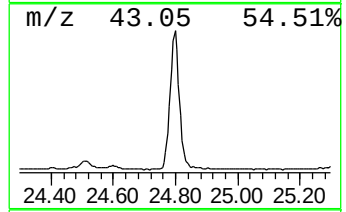
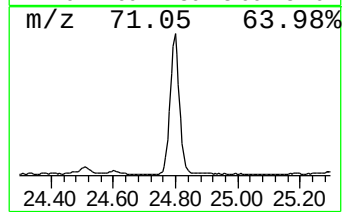
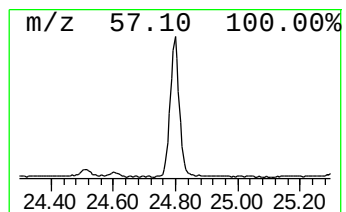
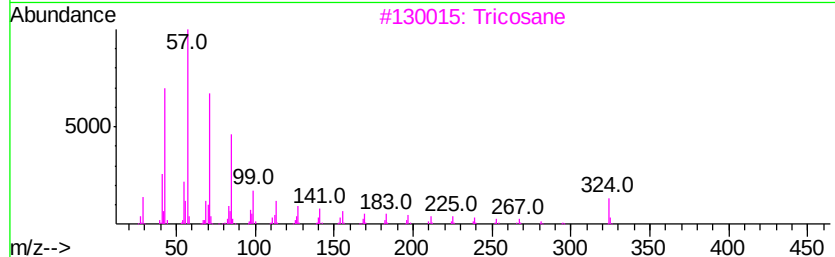
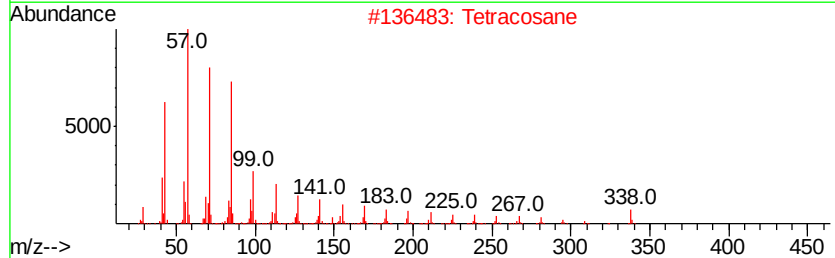
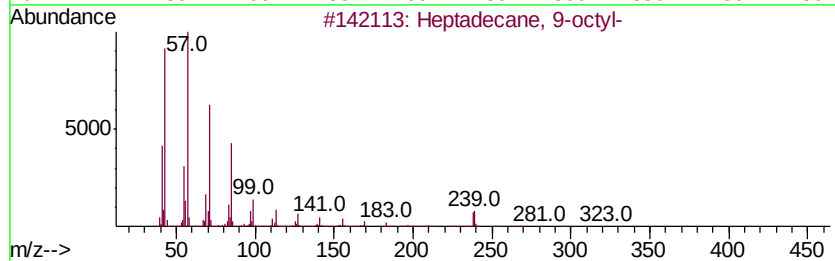
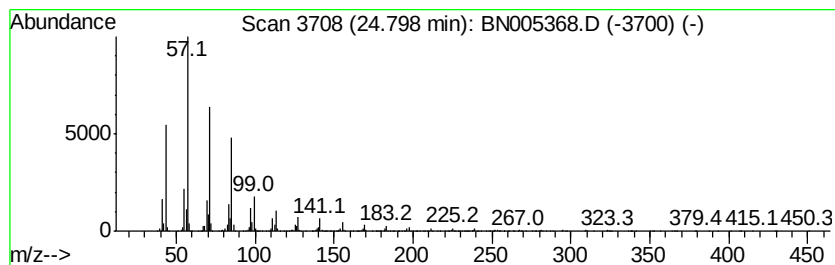
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	18.69 ng/ul	4263770	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Tetracosane	338	C24H50	000646-31-1	95
3		Tricosane	324	C23H48	000638-67-5	94
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005368.D
Acq On : 30 Apr 2019 12:27
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Sample : K2470-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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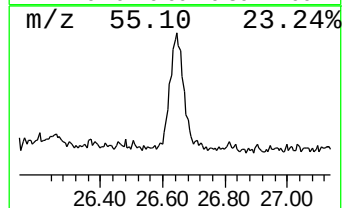
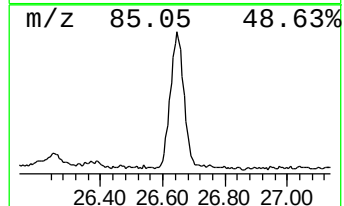
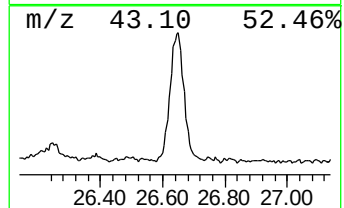
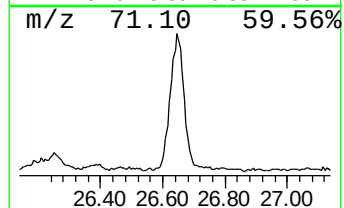
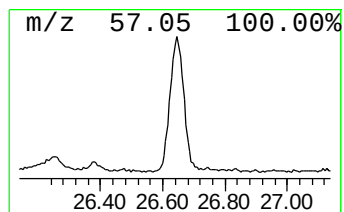
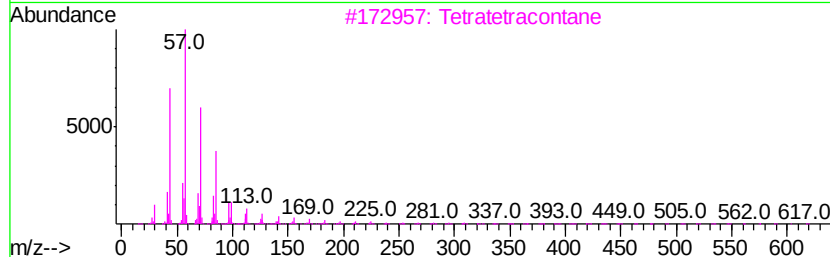
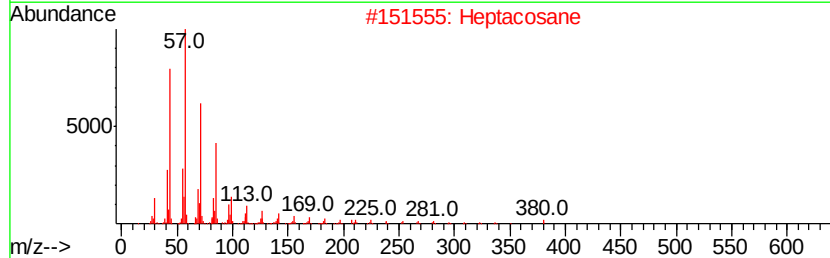
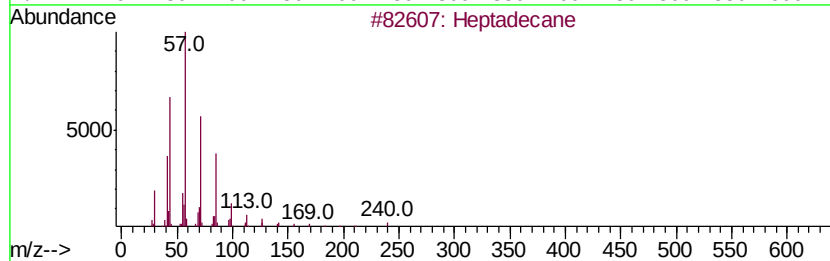
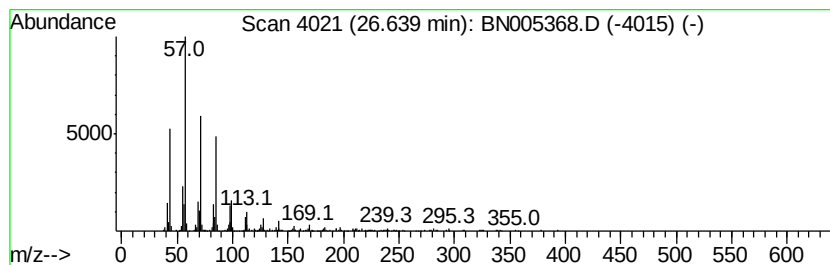
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.64	5.69 ng/ul	1298590	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Hexatriacontane	507	C36H74	000630-06-8	91
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
 Data File : BN005368.D
 Acq On : 30 Apr 2019 12:27
 Operator : JU/SJ
 Sample : K2470-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5110

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
3-Penten-2-one, 4...	4.21	2.8	ng/ul	215433	1	7.59	1536220	20.0
2-Pentanone, 4-hy...	4.78	58.9	ng/ul	4521620	1	7.59	1536220	20.0
unknown-01	12.15	4.7	ng/ul	562241	2	10.35	2419240	20.0
Naphthalene, 1-me...	12.24	27.1	ng/ul	3282460	2	10.35	2419240	20.0
[1,1'-Biphenyl]-4...	16.64	3.8	ng/ul	727969	4	16.98	3828810	20.0
1,1'-Biphenyl, 4-...	17.46	17.4	ng/ul	3338630	4	16.98	3828810	20.0
n-Hexadecanoic acid	17.91	20.7	ng/ul	3969840	4	16.98	3828810	20.0
9,10-Anthracenedione	18.41	3.3	ng/ul	625820	4	16.98	3828810	20.0
1-Nonadecanol	18.78	7.3	ng/ul	1393520	4	16.98	3828810	20.0
Octadecanoic acid	19.21	5.2	ng/ul	2151910	5	21.25	8328480	20.0
Ethanol, 2-(hexad...	20.97	2.7	ng/ul	1113960	5	21.25	8328480	20.0
(DEL) Alkane: Str...	21.45	2.8	ng/ul	1143880	5	21.25	8328480	20.0
(DEL) Alkane: Str...	21.89	5.9	ng/ul	2440730	5	21.25	8328480	20.0
(DEL) Alkane: Str...	22.36	10.1	ng/ul	4183640	5	21.25	8328480	20.0
(DEL) Alkane: Str...	24.06	26.4	ng/ul	6018650	6	23.49	4561560	20.0
(DEL) Alkane: Str...	24.80	18.7	ng/ul	4263770	6	23.49	4561560	20.0
(DEL) Alkane: Str...	26.64	5.7	ng/ul	1298590	6	23.49	4561560	20.0