

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032218\
 Data File : BN000565.D
 Acq On : 23 Mar 2018 05:37
 Operator : JU/SJ
 Sample : J1905-12DL2 400X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM47DL2

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.284	139	144	154	rBV	17540	31940	0.66%	0.123%
2	5.402	329	334	346	rVB	40782	64790	1.33%	0.250%
3	6.349	490	495	501	rBV3	34192	53576	1.10%	0.206%
4	6.855	574	581	586	rBV	79292	124744	2.57%	0.480%
5	7.355	662	666	672	rVV2	26682	43627	0.90%	0.168%
6	7.414	672	676	680	rVV	21551	31356	0.65%	0.121%
7	7.466	680	685	690	rVV	30528	43341	0.89%	0.167%
8	7.525	690	695	701	rVV3	50637	80176	1.65%	0.309%
9	7.637	711	714	721	rVB	20003	31470	0.65%	0.121%
10	7.743	727	732	735	rVV	31955	48919	1.01%	0.188%
11	7.802	735	742	751	rVV2	75442	151627	3.12%	0.584%
12	8.002	770	776	780	rVV	118313	179370	3.70%	0.691%
13	8.043	780	783	788	rVV	45593	69310	1.43%	0.267%
14	8.361	833	837	840	rBV	22761	30505	0.63%	0.117%
15	8.413	840	846	849	rBV	623959	1003528	20.68%	3.865%
16	8.455	849	853	860	rVB	636808	944883	19.47%	3.639%
17	8.519	860	864	870	rBV4	24616	42681	0.88%	0.164%
18	8.602	873	878	883	rBV	129726	191095	3.94%	0.736%
19	8.837	913	918	927	rBV2	122760	249880	5.15%	0.962%
20	8.972	935	941	949	rVV5	33770	80153	1.65%	0.309%
21	9.049	949	954	962	rVB3	58144	89798	1.85%	0.346%
22	9.160	966	973	976	rBV3	26051	45230	0.93%	0.174%
23	9.213	976	982	987	rVB3	18250	35842	0.74%	0.138%
24	9.525	1029	1035	1044	rVB2	50135	95192	1.96%	0.367%
25	9.625	1044	1052	1057	rBV	145696	226102	4.66%	0.871%
26	9.696	1057	1064	1071	rBV	97574	183482	3.78%	0.707%
27	9.843	1083	1089	1097	rBV2	33467	76448	1.58%	0.294%
28	10.202	1146	1150	1155	rVB2	33682	53170	1.10%	0.205%
29	10.260	1155	1160	1163	rBV	45792	79213	1.63%	0.305%
30	10.355	1171	1176	1181	rVB3	44930	71017	1.46%	0.274%
31	10.478	1190	1197	1201	rVV3	16459	33642	0.69%	0.130%
32	10.560	1206	1211	1216	rVB5	23436	47765	0.98%	0.184%
33	10.631	1218	1223	1228	rBV4	22779	36835	0.76%	0.142%
34	10.719	1230	1238	1247	rVV4	38505	87403	1.80%	0.337%

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Integration Parameters: LSCINT.P

Integrator: RTE
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : SVOA CALIBRATION

35	10.978	1277	1282	1288	rVB	28665	47065	0.97%	0.181%
36	11.096	1293	1302	1306	rBV4	21094	45721	0.94%	0.176%
37	11.202	1306	1320	1323	rVV3	112417	308850	6.36%	1.189%
38	11.249	1323	1328	1337	rVV	877047	1547405	31.88%	5.960%
39	11.325	1337	1341	1344	rVV2	41923	70027	1.44%	0.270%
40	11.366	1345	1348	1353	rVB2	31847	46458	0.96%	0.179%
41	11.419	1353	1357	1367	rVB8	14082	32943	0.68%	0.127%
42	11.507	1367	1372	1380	rBV5	24554	57933	1.19%	0.223%
43	11.590	1380	1386	1395	rVB	112126	185624	3.82%	0.715%
44	11.719	1401	1408	1413	rVB	33156	54913	1.13%	0.211%
45	11.825	1420	1426	1435	rVB6	22471	43884	0.90%	0.169%
46	11.931	1435	1444	1446	rBV6	15443	35502	0.73%	0.137%
47	12.107	1468	1474	1480	rVV8	26549	56669	1.17%	0.218%
48	12.219	1488	1493	1498	rBV4	26173	49717	1.02%	0.191%
49	12.307	1504	1508	1517	rVB	44448	66889	1.38%	0.258%
50	12.454	1522	1533	1545	rBV2	87031	143995	2.97%	0.555%
51	12.607	1553	1559	1563	rBV	64956	111913	2.31%	0.431%
52	12.649	1563	1566	1571	rVB	60096	78039	1.61%	0.301%
53	12.754	1574	1584	1588	rBV7	26486	69638	1.43%	0.268%
54	13.013	1623	1628	1632	rBV4	27078	49162	1.01%	0.189%
55	13.096	1639	1642	1652	rVB4	15240	34123	0.70%	0.131%
56	13.543	1713	1718	1723	rBV2	24547	35636	0.73%	0.137%
57	13.601	1723	1728	1735	rBV2	25802	45039	0.93%	0.173%
58	13.760	1750	1755	1759	rVB2	40011	59740	1.23%	0.230%
59	13.825	1759	1766	1776	rBV	74379	133225	2.74%	0.513%
60	14.066	1800	1807	1816	rBV3	35901	72775	1.50%	0.280%
61	14.201	1821	1830	1842	rBV3	29342	111028	2.29%	0.428%
62	14.360	1850	1857	1863	rBV6	39984	100745	2.08%	0.388%
63	14.472	1869	1876	1880	rVB5	29105	57959	1.19%	0.223%
64	14.631	1898	1903	1910	rVB7	32140	75650	1.56%	0.291%
65	14.731	1913	1920	1925	rBV2	26708	51389	1.06%	0.198%
66	14.884	1940	1946	1950	rVB	246746	326116	6.72%	1.256%
67	15.031	1964	1971	1981	rBV2	1301577	2078305	42.82%	8.004%
68	15.143	1985	1990	1995	rBV	83137	116075	2.39%	0.447%
69	15.307	2012	2018	2025	rVB3	79919	155681	3.21%	0.600%
70	15.401	2030	2034	2038	rVB5	26311	35798	0.74%	0.138%
71	15.648	2067	2076	2087	rVV	320402	580138	11.95%	2.234%

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Integration Parameters: LSCINT.P

Integrator: RTE
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72	15.760	2090	2095	2099	rVV	103630	155544	3.20%	0.599%
73	15.825	2099	2106	2113	rVB	96737	185027	3.81%	0.713%
74	16.013	2133	2138	2143	rBV2	18070	34703	0.72%	0.134%
75	16.219	2170	2173	2177	rVB	28367	42085	0.87%	0.162%
76	16.613	2235	2240	2246	rBV4	31930	46776	0.96%	0.180%
77	16.678	2246	2251	2254	rBV	95529	143475	2.96%	0.553%
78	16.813	2270	2274	2285	rVB5	35369	63520	1.31%	0.245%
79	17.042	2310	2313	2317	rVV3	21467	33805	0.70%	0.130%
80	17.407	2369	2375	2382	rBV	3294736	4853564	100.00%	18.693%
81	17.460	2382	2384	2389	rVV	122390	167009	3.44%	0.643%
82	17.513	2390	2393	2402	rVB2	44221	99101	2.04%	0.382%
83	17.760	2426	2435	2441	rBV2	1633598	2454955	50.58%	9.455%
84	17.866	2448	2453	2459	rVB3	22537	45121	0.93%	0.174%
85	18.001	2471	2476	2478	rBV3	18841	32766	0.68%	0.126%
86	18.195	2505	2509	2516	rVB	72224	96945	2.00%	0.373%
87	18.872	2621	2624	2629	rVB	54516	67114	1.38%	0.258%
88	19.495	2726	2730	2732	rBV	46701	58027	1.20%	0.223%
89	19.519	2732	2734	2737	rVB2	32173	33360	0.69%	0.128%
90	20.060	2823	2826	2829	rVB	30630	32873	0.68%	0.127%
91	20.583	2912	2915	2920	rBV2	28165	36108	0.74%	0.139%
92	21.536	3073	3077	3082	rVB	66678	75084	1.55%	0.289%
93	21.877	3130	3135	3142	rBV2	1913052	2582792	53.21%	9.947%
94	21.977	3150	3152	3159	rVB3	34055	38811	0.80%	0.149%
95	22.454	3229	3233	3239	rVB3	52743	81809	1.69%	0.315%
96	22.960	3315	3319	3322	rBV	50494	69603	1.43%	0.268%
97	23.519	3410	3414	3422	rVB	66556	105608	2.18%	0.407%
98	24.148	3517	3521	3534	rVB	85292	160176	3.30%	0.617%
99	24.360	3549	3557	3567	rVB2	1043850	2183843	44.99%	8.411%
100	24.871	3641	3644	3657	rVB	78218	155547	3.20%	0.599%

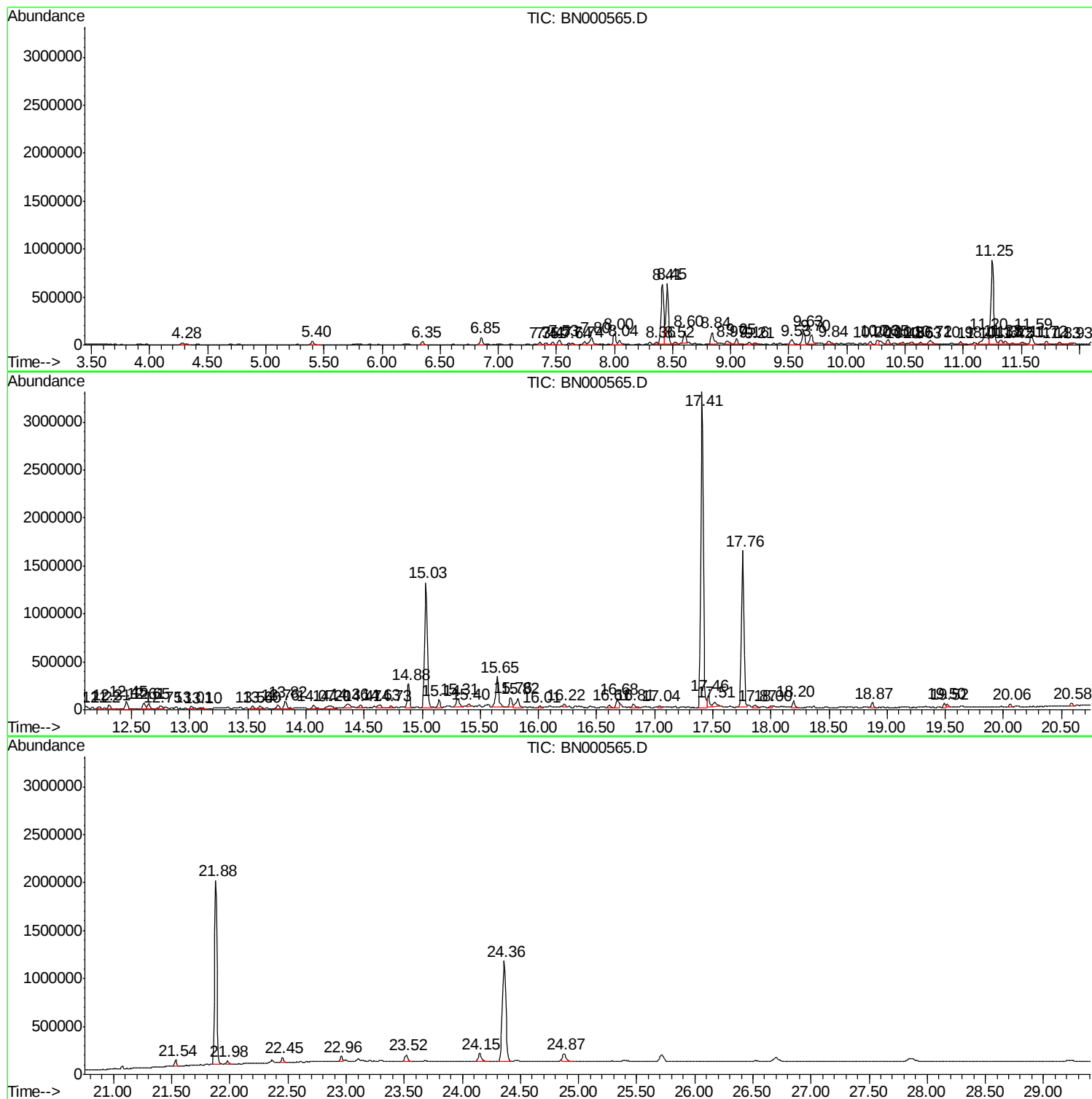
Sum of corrected areas: 25965030

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ALS Vial : 33 Sample Multiplier: 1

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

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



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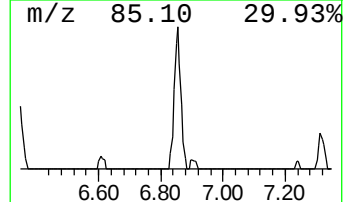
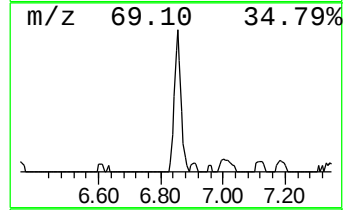
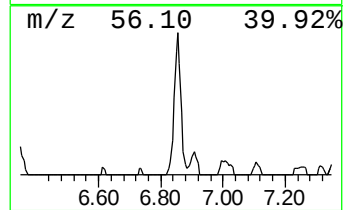
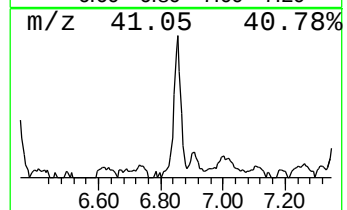
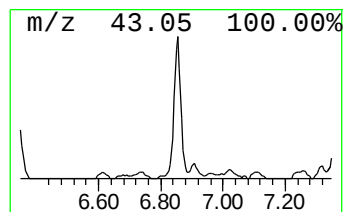
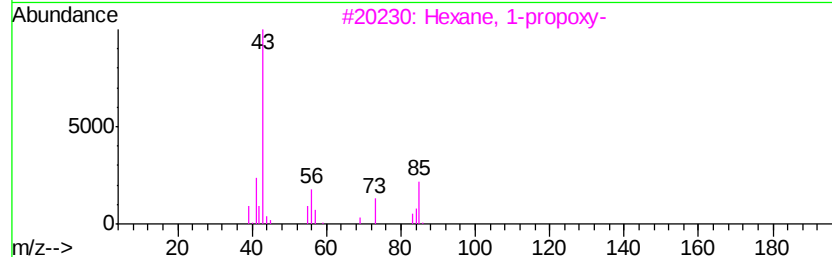
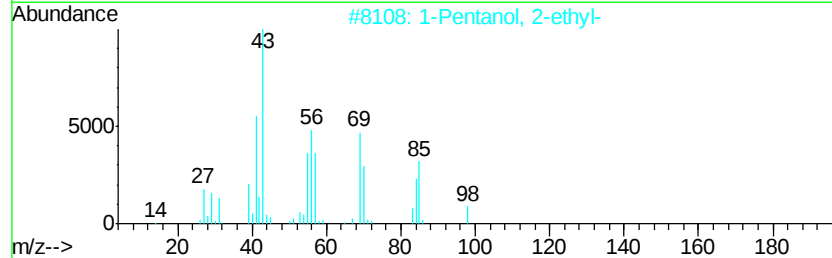
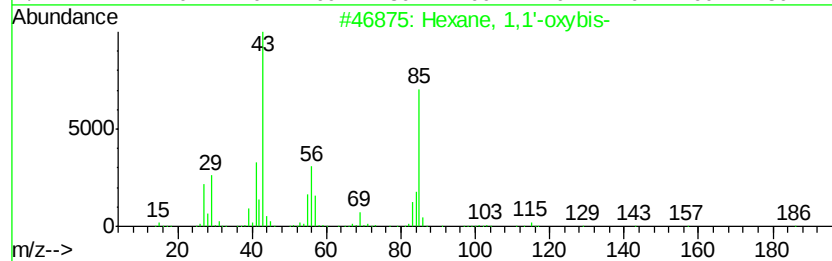
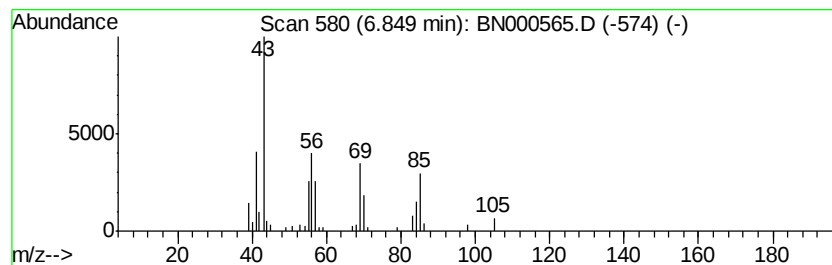
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexane, 1,1'-oxybis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	2.49 ng/ul	124744	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	72
2		1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	59
3		Hexane, 1-propoxy-	144	C9H20O	053685-78-2	56
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
5		Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	46



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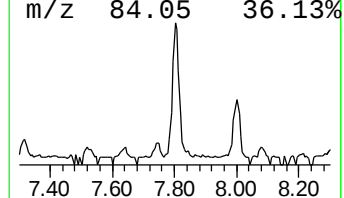
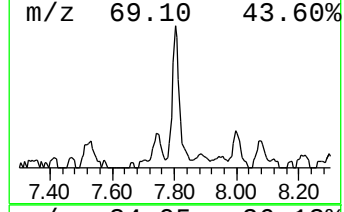
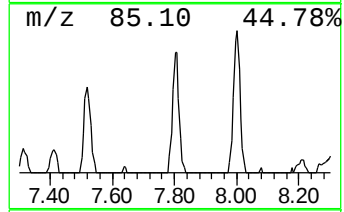
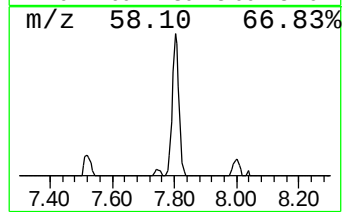
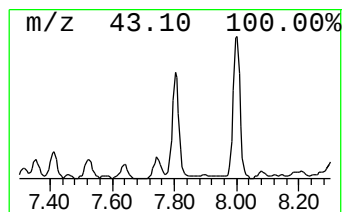
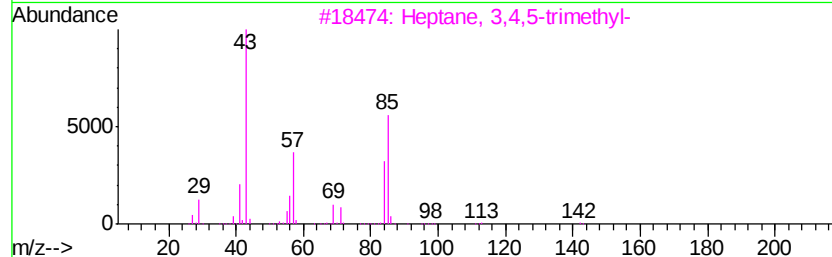
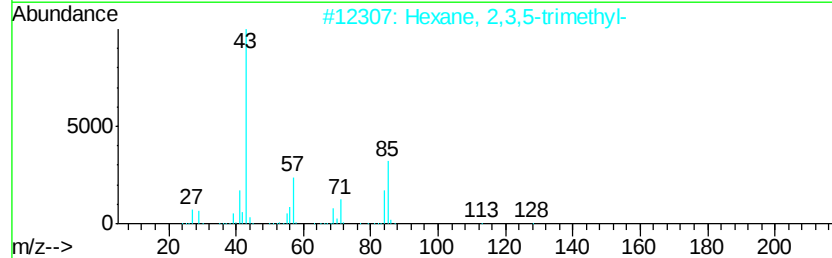
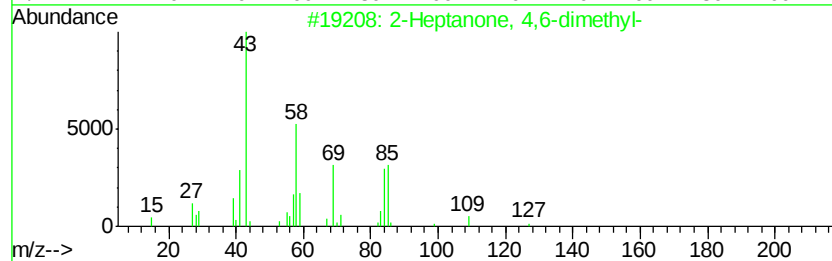
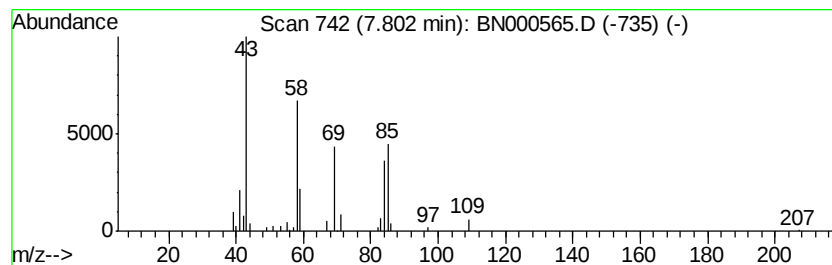
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Heptanone, 4,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.80	3.02 ng/ul	151627	1,4-Dichlorobenzene-d4	8.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	72	
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43	
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	43	
4	Nonane, 5-methyl-	142	C10H22	015869-85-9	43	
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38	



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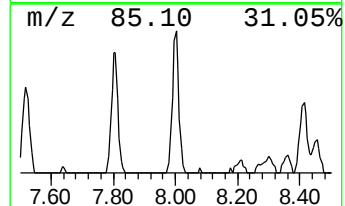
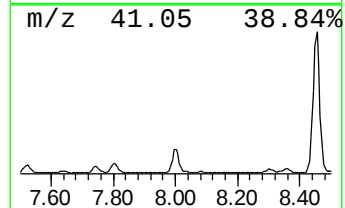
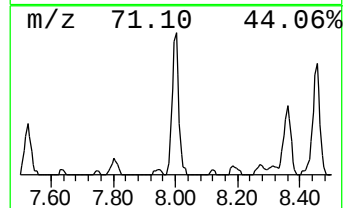
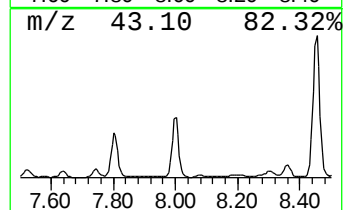
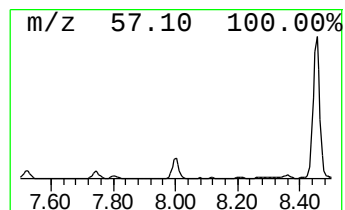
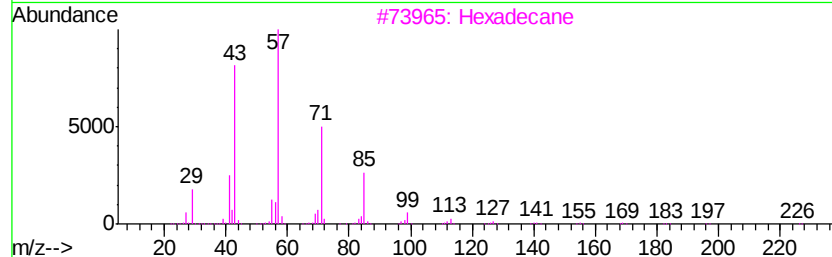
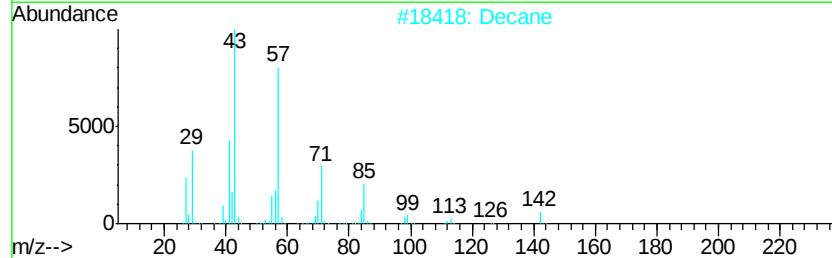
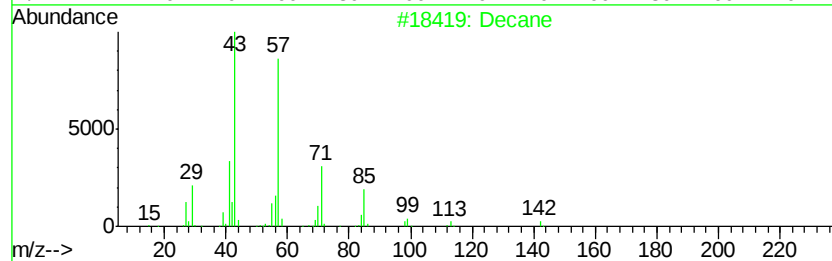
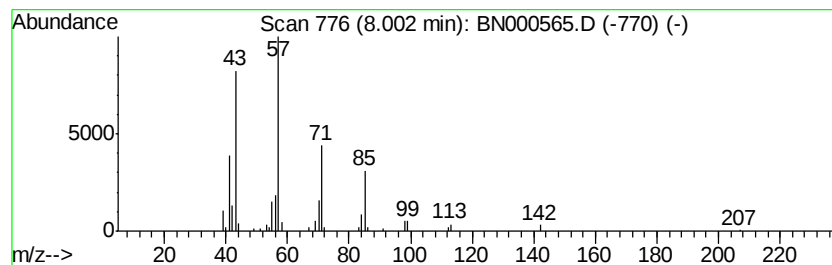
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	3.57 ng/ul	179370	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Decane	142	C10H22	000124-18-5	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Undecane	156	C11H24	001120-21-4	83



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Operator : JU/SJ
Sample : J1905-12DL2 400X
Misc :
ALS Vial : 33 Sample Multiplier: 1

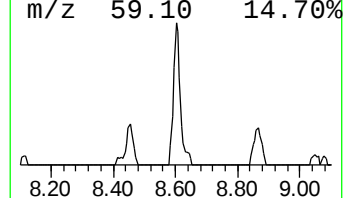
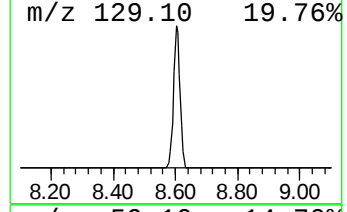
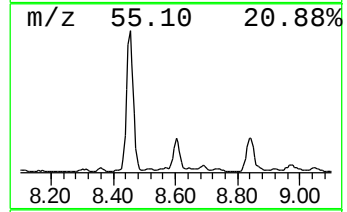
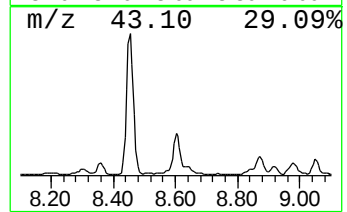
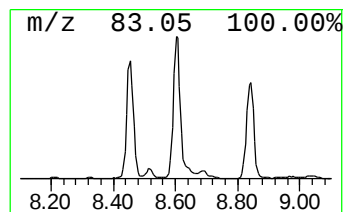
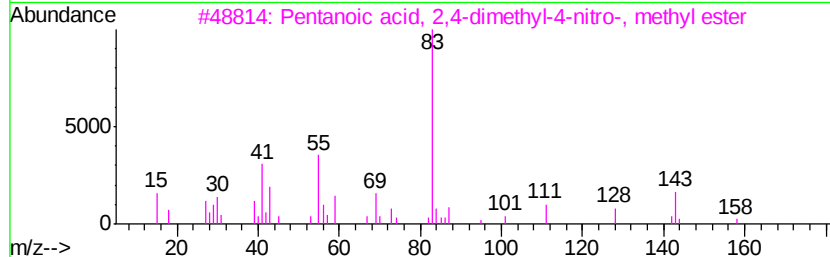
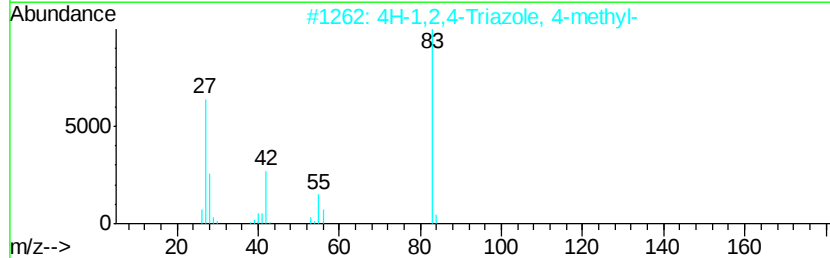
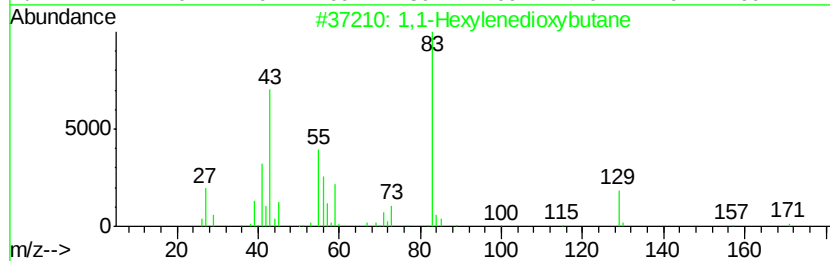
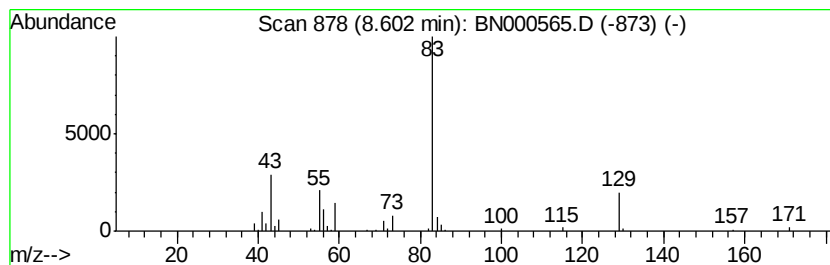
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1-Hexylenedioxybutane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.60	3.81 ng/ul	191095	1,4-Dichlorobenzene-d4	8.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane		172	C10H20O2	1000249-77-4	83
2	4H-1,2,4-Triazole, 4-methyl-		83	C3H5N3	010570-40-8	40
3	Pentanoic acid, 2,4-dimethyl-4-n...		189	C8H15NO4	005762-40-3	38
4	Cyclohexane, undecyl-		238	C17H34	054105-66-7	36
5	Bis(2-ethylhexyl) hydrogen phosph...		306	C16H35O3P	003658-48-8	33



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
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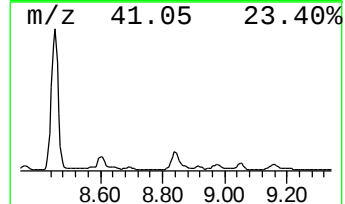
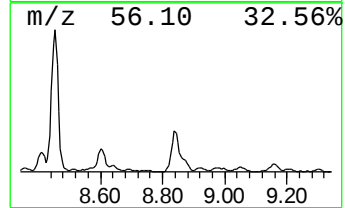
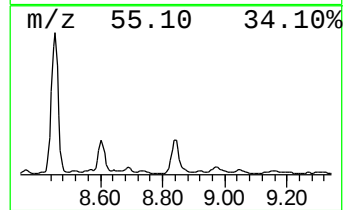
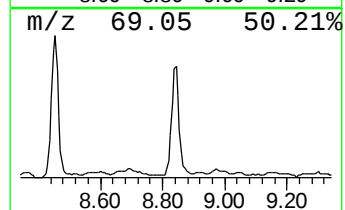
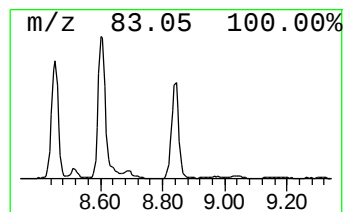
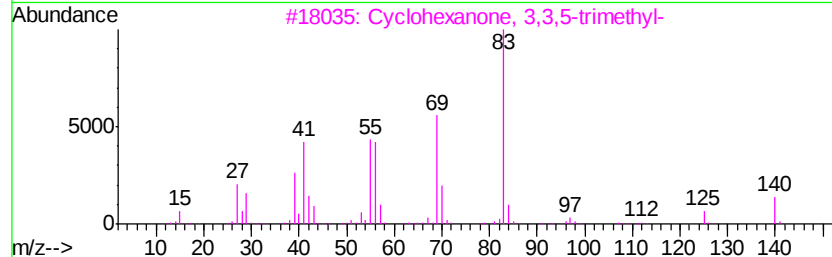
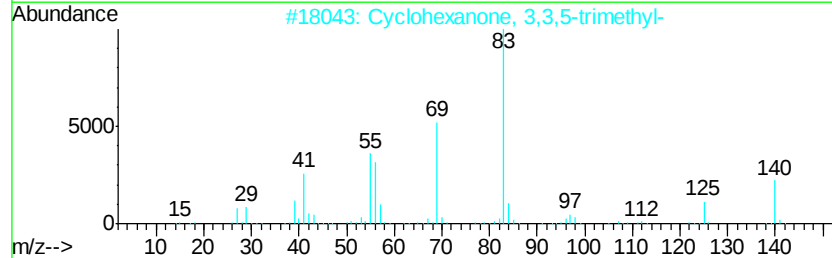
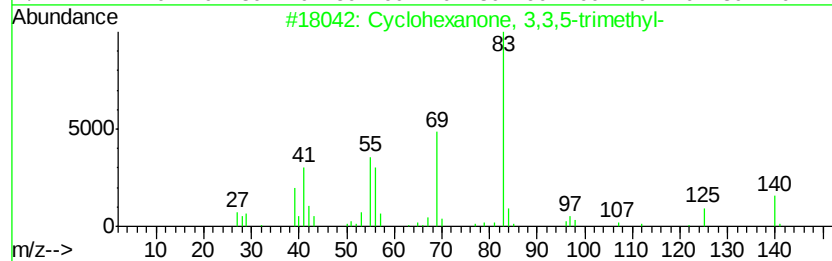
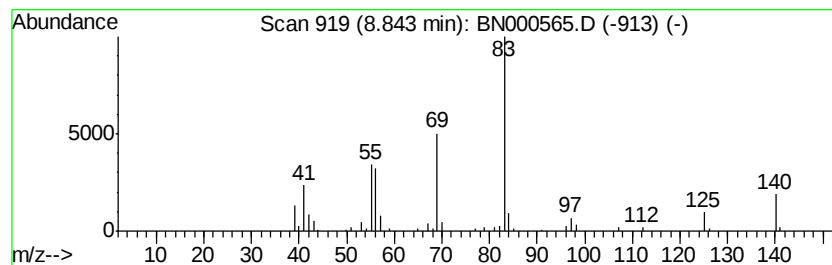
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	4.98 ng/ul	249880	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5		1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000565.D
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Operator : JU/SJ
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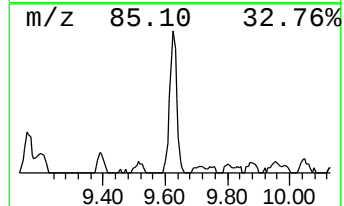
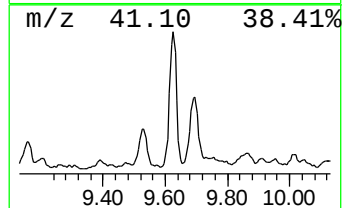
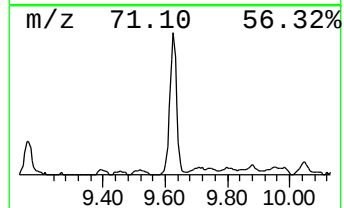
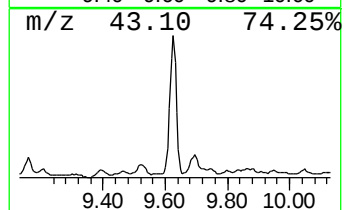
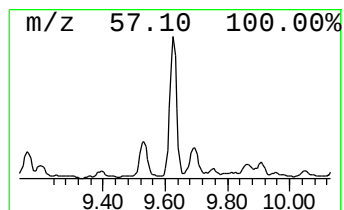
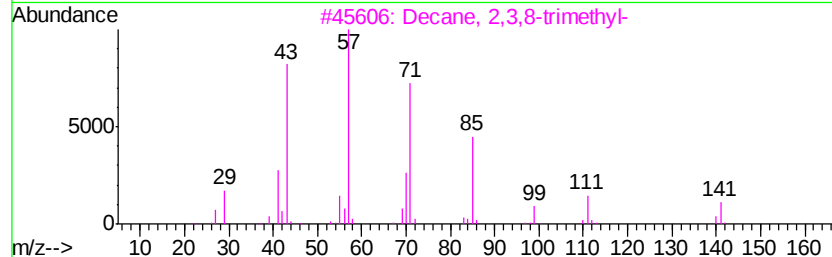
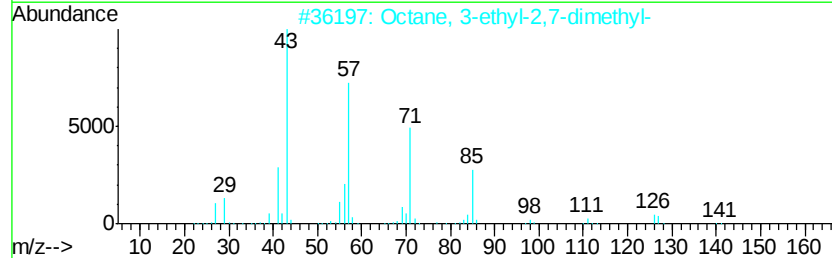
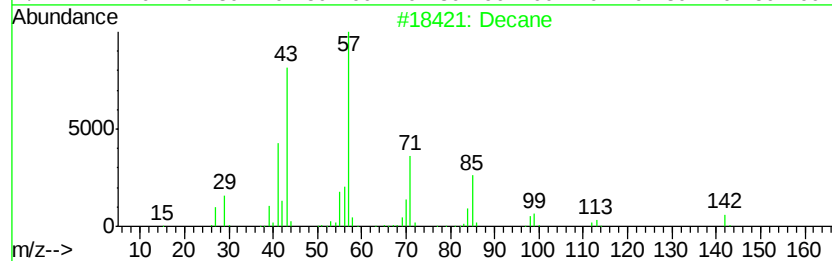
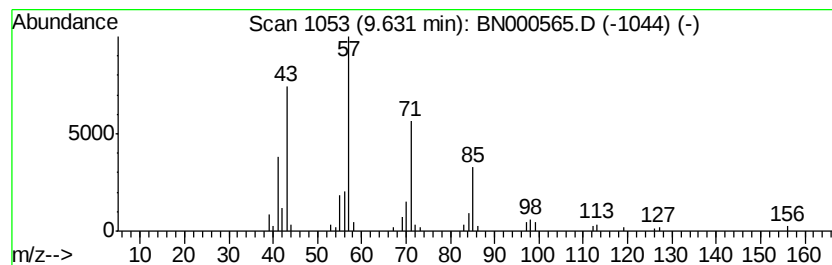
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	4.51 ng/ul	226102	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	64
2			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
3			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59
4			Tridecane	184	C13H28	000629-50-5	59
5			Hexadecane	226	C16H34	000544-76-3	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000565.D
Acq On : 23 Mar 2018 05:37
Operator : JU/SJ
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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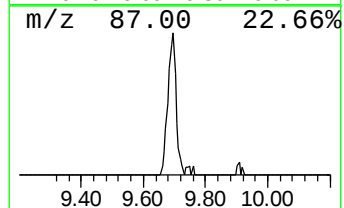
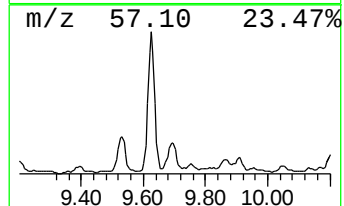
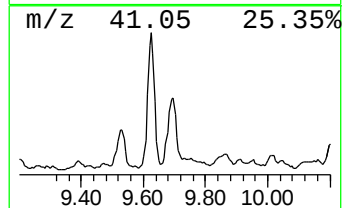
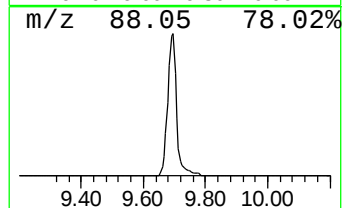
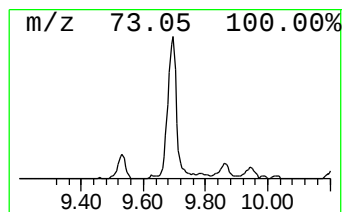
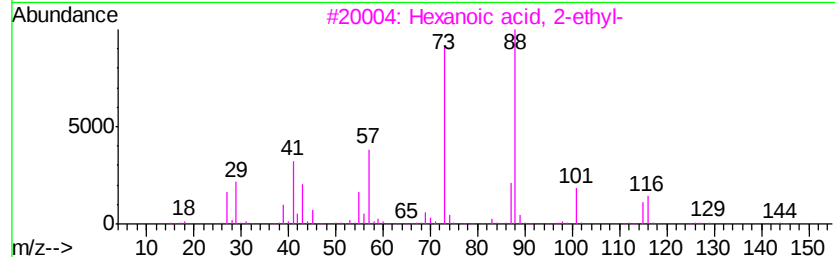
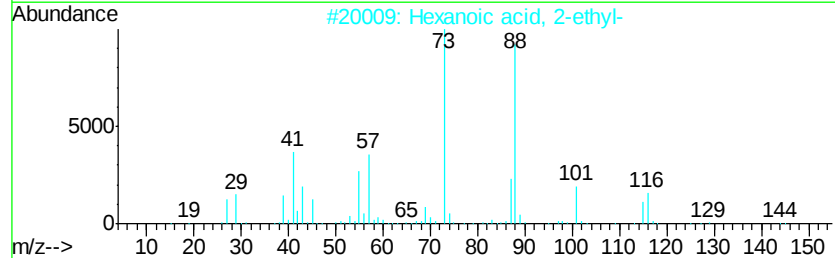
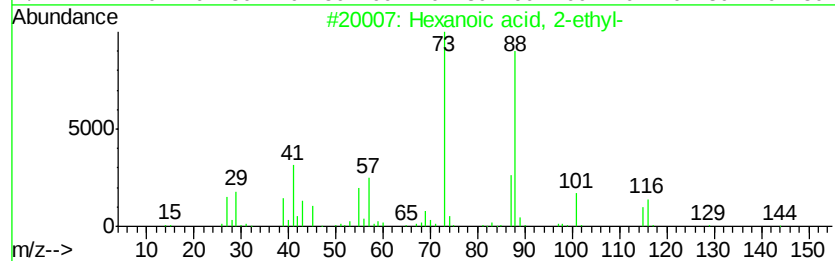
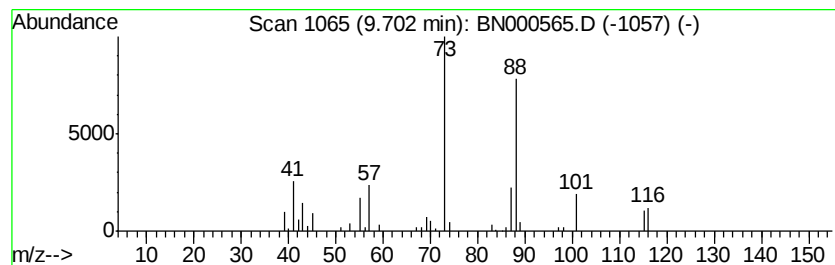
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.66 ng/ul	183482	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
3		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
4		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
5		1,4-Dioxane	88	C4H8O2	000123-91-1	43



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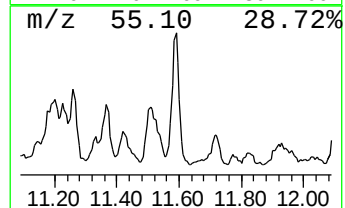
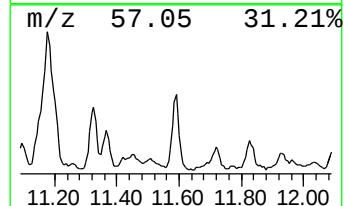
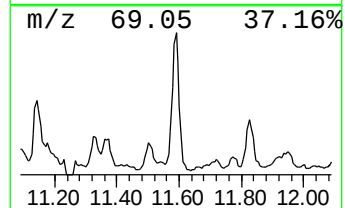
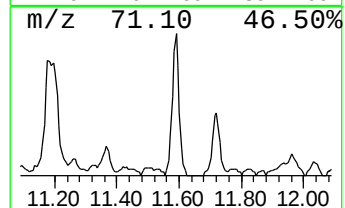
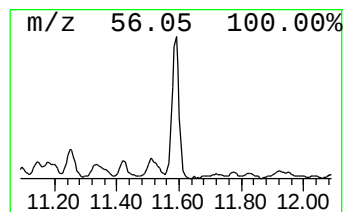
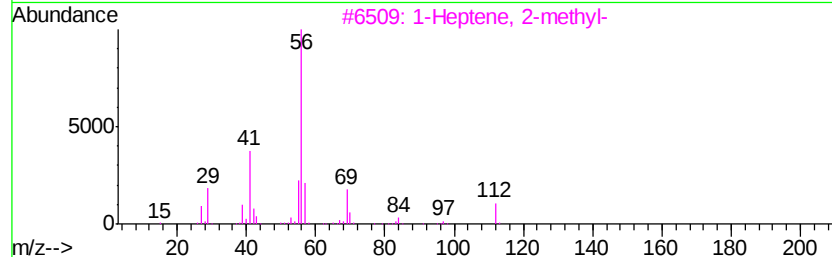
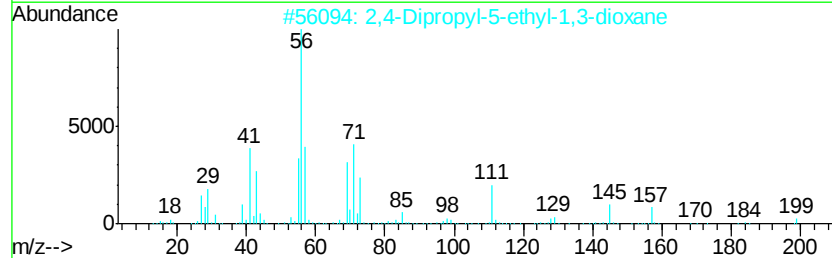
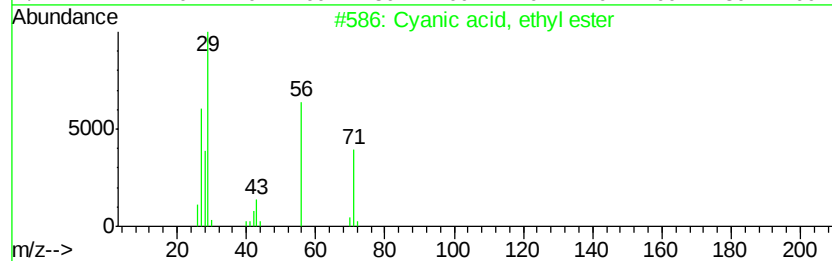
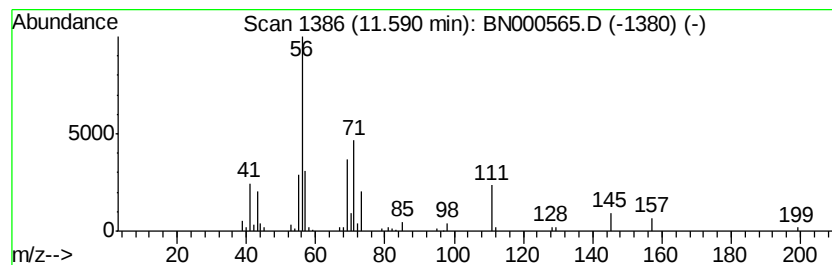
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Cyanic acid, ethyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.40 ng/ul	185624	Naphthalene-d8	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyanic acid, ethyl ester	71 C3H5NO	000627-48-5 52
2		2,4-Dipropyl-5-ethyl-1,3-dioxane	200 C12H24O2	006413-83-8 43
3		1-Heptene, 2-methyl-	112 C8H16	015870-10-7 35
4		2-Ethyl-cyclohexylamine	127 C8H17N	024216-90-8 32
5		1-Pentene, 2,4-dimethyl-	98 C7H14	002213-32-3 27



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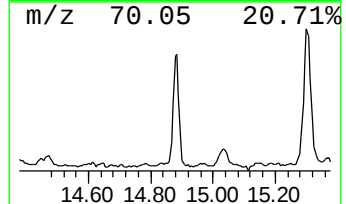
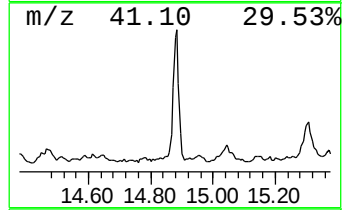
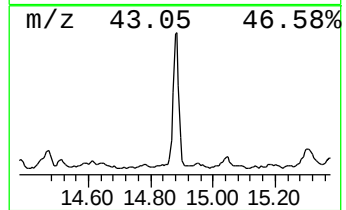
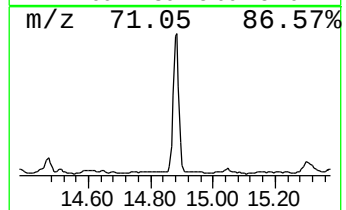
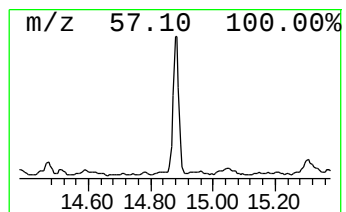
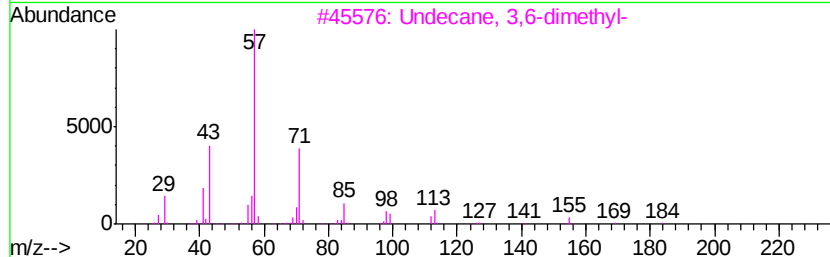
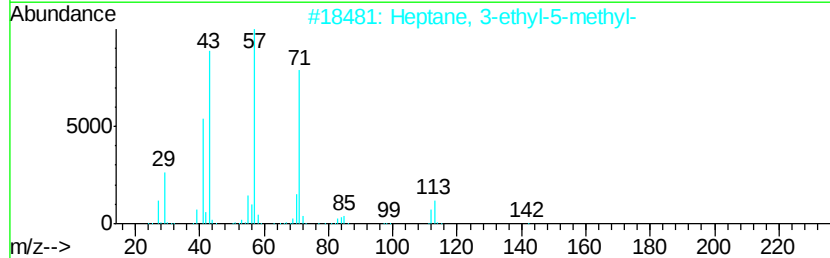
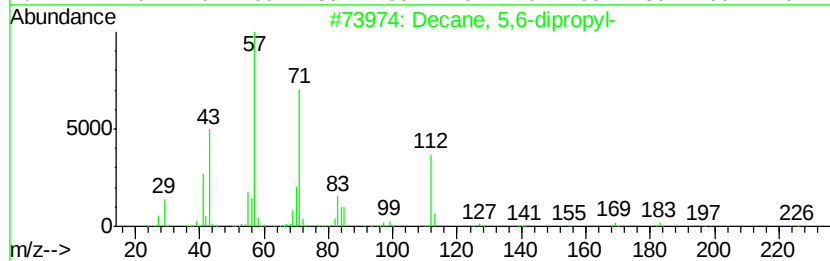
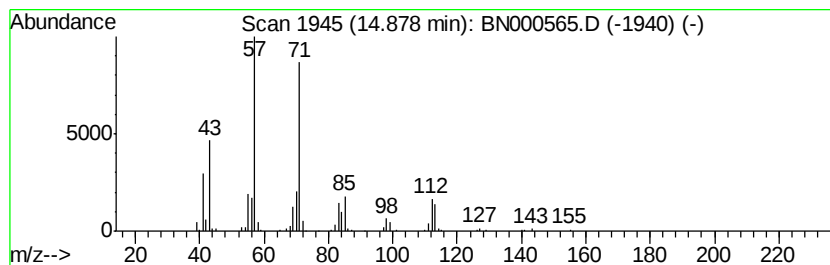
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	3.14 ng/ul	326116	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
2			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032218\
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 Sample : J1905-12DL2 400X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexane, 1,1'-oxybis-	6.85	2.5	ng/ul	124744	1	8.41	1003530	20.0
2-Heptanone, 4,6-...	7.80	3.0	ng/ul	151627	1	8.41	1003530	20.0
(DEL) Alkane: Str...	8.00	3.6	ng/ul	179370	1	8.41	1003530	20.0
1,1-Hexylenedioxy...	8.60	3.8	ng/ul	191095	1	8.41	1003530	20.0
Cyclohexanone, 3,...	8.84	5.0	ng/ul	249880	1	8.41	1003530	20.0
(DEL) Alkane: Str...	9.63	4.5	ng/ul	226102	1	8.41	1003530	20.0
Hexanoic acid, 2-...	9.70	3.7	ng/ul	183482	1	8.41	1003530	20.0
Cyanoic acid, ethy...	11.59	2.4	ng/ul	185624	2	11.25	1547410	20.0
(DEL) Alkane: Str...	14.88	3.1	ng/ul	326116	3	15.03	2078310	20.0