

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023093.D
 Acq On : 09 Oct 2019 20:56
 Operator : JU
 Sample : K5096-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLMK7

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_M\METHODS\SOM-EPA-BM092719MA.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	3.163	27	30	42	rVB	55215	79947	2.00%	0.195%
2	3.252	42	45	55	rVB	36303	51607	1.29%	0.126%
3	3.869	145	150	152	rBV5	6701	12387	0.31%	0.030%
4	3.981	166	169	176	rVB	9125	12044	0.30%	0.029%
5	4.346	226	231	243	rBV	77562	109973	2.76%	0.268%
6	5.293	389	392	401	rVB3	7759	15259	0.38%	0.037%
7	5.840	479	485	492	rBV	79245	114536	2.87%	0.279%
8	6.769	636	643	654	rBV5	9759	25726	0.65%	0.063%
9	6.887	658	663	666	rVV	9738	16113	0.40%	0.039%
10	6.940	666	672	681	rVV2	121237	231883	5.81%	0.564%
11	7.034	684	688	691	rVV5	6648	8411	0.21%	0.020%
12	7.104	693	700	714	rVV	416280	669522	16.79%	1.629%
13	7.304	727	734	745	rVB	477765	754101	18.91%	1.835%
14	7.469	756	762	768	rBV	87591	133880	3.36%	0.326%
15	7.769	806	813	820	rBV	669086	1035355	25.96%	2.519%
16	7.840	821	825	830	rVV	12850	20470	0.51%	0.050%
17	8.345	906	911	913	rBV4	8581	13737	0.34%	0.033%
18	8.475	925	933	948	rVB	351906	578994	14.52%	1.409%
19	8.628	954	959	965	rVV2	9009	12503	0.31%	0.030%
20	8.922	1001	1009	1019	rVV	526738	851854	21.36%	2.072%
21	9.051	1025	1031	1034	rBV	38433	59077	1.48%	0.144%
22	9.092	1034	1038	1045	rVB	91131	133450	3.35%	0.325%
23	9.363	1079	1084	1089	rVB3	6224	10690	0.27%	0.026%
24	9.639	1124	1131	1142	rBV	412483	684483	17.16%	1.665%
25	9.792	1153	1157	1164	rVB4	5683	12277	0.31%	0.030%
26	9.881	1166	1172	1179	rBV3	16394	30925	0.78%	0.075%
27	9.975	1181	1188	1193	rVV2	25429	37161	0.93%	0.090%
28	10.092	1203	1208	1216	rBV3	11318	23524	0.59%	0.057%
29	10.181	1216	1223	1231	rBV	676259	1114736	27.95%	2.712%
30	10.245	1231	1234	1243	rVB4	6275	13838	0.35%	0.034%
31	10.422	1260	1264	1270	rVB2	7670	11615	0.29%	0.028%
32	10.557	1280	1287	1295	rVV	920333	1520470	38.12%	3.699%
33	10.657	1298	1304	1309	rVB2	27763	41869	1.05%	0.102%
34	11.210	1393	1398	1404	rBV5	4419	7918	0.20%	0.019%

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Integration Parameters: LSCINT.P

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35	11.351	1416	1422	1427	rBV2	22186	36510	0.92%	0.089%
36	11.528	1445	1452	1458	rVB4	3954	8034	0.20%	0.020%
37	11.598	1458	1464	1471	rBV7	8987	20867	0.52%	0.051%
38	11.833	1495	1504	1507	rBV4	8885	17847	0.45%	0.043%
39	11.904	1512	1516	1526	rVB3	12001	22724	0.57%	0.055%
40	12.145	1547	1557	1563	rBV4	13031	30806	0.77%	0.075%
41	12.345	1587	1591	1598	rVV5	3126	7411	0.19%	0.018%
42	12.416	1599	1603	1608	rVB2	8590	12664	0.32%	0.031%
43	12.680	1642	1648	1652	rBV4	5524	8854	0.22%	0.022%
44	12.769	1657	1663	1667	rVB4	6285	11005	0.28%	0.027%
45	12.869	1675	1680	1684	rBV	10413	15657	0.39%	0.038%
46	12.933	1684	1691	1695	rVB7	3858	9303	0.23%	0.023%
47	13.016	1701	1705	1709	rBV2	6751	10827	0.27%	0.026%
48	13.080	1713	1716	1720	rVV2	6385	8288	0.21%	0.020%
49	13.175	1726	1732	1736	rVB4	12659	22252	0.56%	0.054%
50	13.327	1752	1758	1762	rBV5	9593	19806	0.50%	0.048%
51	13.369	1762	1765	1771	rVB2	16372	23233	0.58%	0.057%
52	13.610	1803	1806	1817	rVB	18579	26265	0.66%	0.064%
53	13.816	1835	1841	1846	rBV	1233750	1670261	41.88%	4.064%
54	13.863	1846	1849	1855	rVV	56074	72942	1.83%	0.177%
55	14.010	1870	1874	1878	rBV2	5356	8307	0.21%	0.020%
56	14.063	1878	1883	1884	rVV	55851	80399	2.02%	0.196%
57	14.098	1884	1889	1898	rVB	1451083	2082088	52.20%	5.065%
58	14.245	1910	1914	1918	rBV4	8210	10159	0.25%	0.025%
59	14.404	1934	1941	1951	rVB	1366923	2010522	50.41%	4.891%
60	14.604	1968	1975	1992	rBV4	116693	248844	6.24%	0.605%
61	14.827	2008	2013	2018	rVV2	22186	30487	0.76%	0.074%
62	15.151	2064	2068	2073	rVV	41483	54187	1.36%	0.132%
63	15.216	2073	2079	2085	rVV2	39606	59352	1.49%	0.144%
64	15.268	2085	2088	2092	rVB3	6032	8056	0.20%	0.020%
65	15.333	2094	2099	2104	rBV7	7286	14978	0.38%	0.036%
66	15.398	2104	2110	2119	rVB	1878832	2571076	64.46%	6.255%
67	15.516	2123	2130	2142	rBV	465638	637531	15.98%	1.551%
68	15.639	2147	2151	2155	rVB	18281	24275	0.61%	0.059%
69	15.716	2159	2164	2168	rBV3	4281	7837	0.20%	0.019%
70	15.951	2199	2204	2215	rBV6	7165	17004	0.43%	0.041%
71	16.051	2215	2221	2224	rBV4	6875	11132	0.28%	0.027%

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72	16.186	2240	2244	2249	rVB6	7484	11155	0.28%	0.027%
73	16.551	2302	2306	2313	rVB6	5890	10132	0.25%	0.025%
74	17.145	2401	2407	2415	rBV2	1510572	2136697	53.57%	5.198%
75	17.245	2417	2424	2437	rVV	2064627	2923847	73.31%	7.113%
76	17.345	2437	2441	2446	rVB8	10961	19440	0.49%	0.047%
77	17.433	2454	2456	2464	rVB	8252	11344	0.28%	0.028%
78	17.698	2498	2501	2507	rVB	8044	12866	0.32%	0.031%
79	17.880	2530	2532	2535	rVB	10296	11484	0.29%	0.028%
80	17.968	2544	2547	2552	rVB	9231	12209	0.31%	0.030%
81	18.045	2555	2560	2568	rBV	131055	204215	5.12%	0.497%
82	18.115	2568	2572	2575	rVV	15094	20043	0.50%	0.049%
83	18.421	2620	2624	2627	rVB	14103	19333	0.48%	0.047%
84	18.521	2638	2641	2644	rBV3	8626	9566	0.24%	0.023%
85	18.845	2694	2696	2701	rBV5	4439	7544	0.19%	0.018%
86	19.174	2748	2752	2755	rBV	26072	34590	0.87%	0.084%
87	19.327	2774	2778	2783	rBV2	44087	59135	1.48%	0.144%
88	19.421	2791	2794	2797	rBV	20124	24299	0.61%	0.059%
89	19.468	2797	2802	2808	rVV	2585992	2855131	71.58%	6.946%
90	19.539	2808	2814	2821	rVB	2757104	3557639	89.20%	8.655%
91	19.780	2851	2855	2861	rVB	693685	805865	20.20%	1.961%
92	20.309	2942	2945	2951	rBV2	52708	64227	1.61%	0.156%
93	20.368	2952	2955	2964	rBV	107989	151243	3.79%	0.368%
94	20.451	2966	2969	2973	rVV2	44336	51531	1.29%	0.125%
95	21.045	3066	3070	3078	rBV2	239298	355339	8.91%	0.864%
96	21.327	3113	3118	3124	rBV	1911257	2390096	59.93%	5.815%
97	22.386	3295	3298	3304	rVB	146382	191648	4.81%	0.466%
98	22.897	3382	3385	3392	rVB	185181	250188	6.27%	0.609%
99	23.433	3470	3476	3491	rVB	2026745	3988471	100.00%	9.703%
100	23.580	3494	3501	3509	rVB	1373022	2532373	63.49%	6.161%

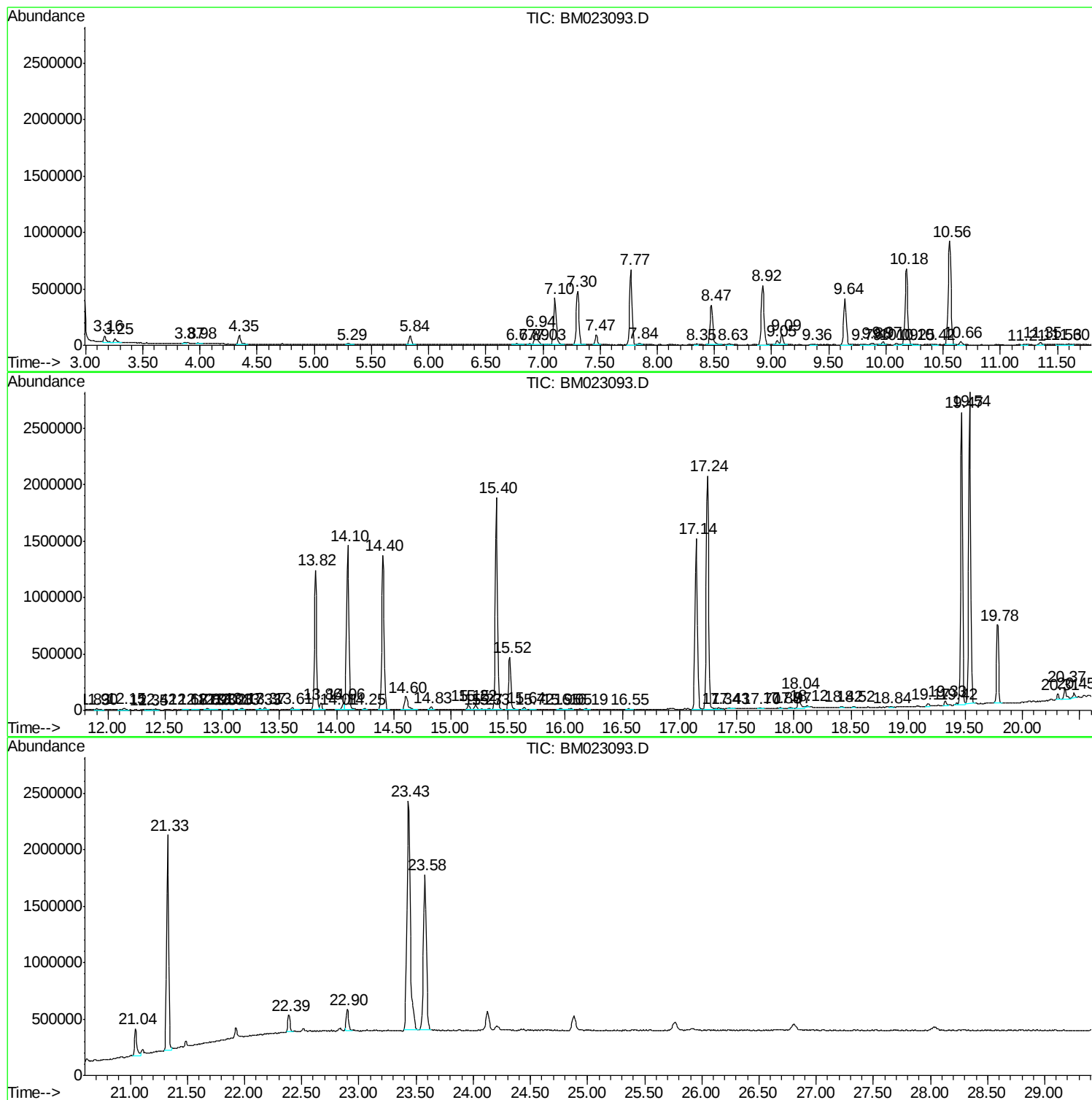
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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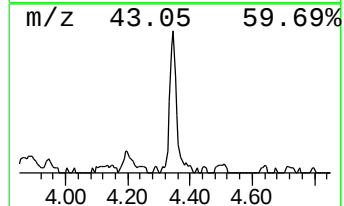
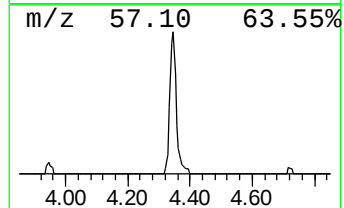
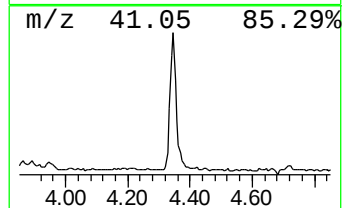
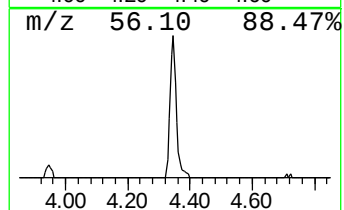
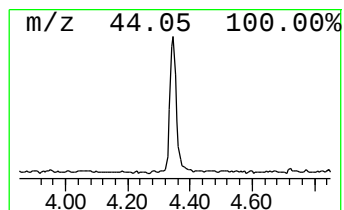
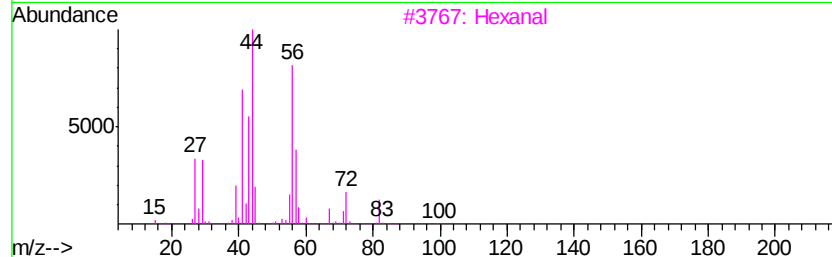
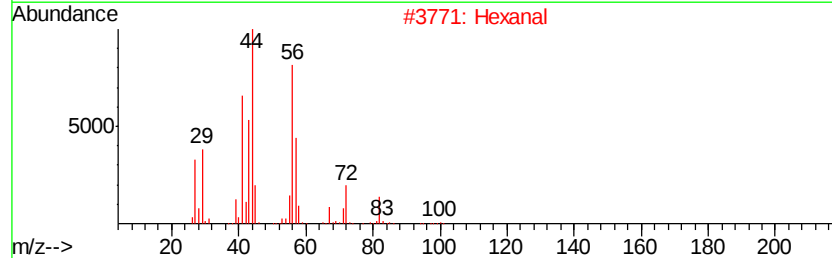
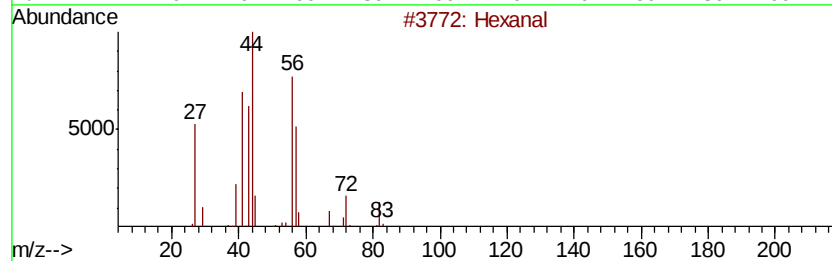
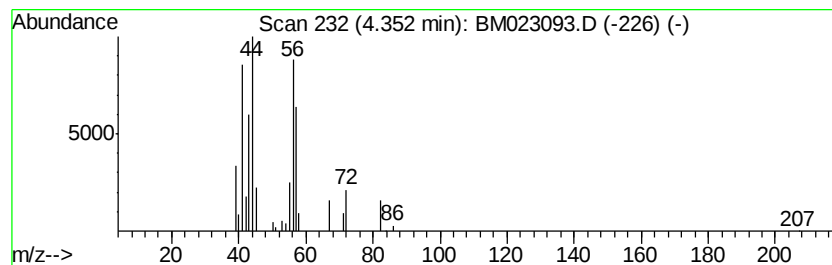
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.12 ng/ul	109973	1,4-Dichlorobenzene-d4	7.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexanal		100 C6H12O	000066-25-1 86
2	Hexanal		100 C6H12O	000066-25-1 78
3	Hexanal		100 C6H12O	000066-25-1 64
4	Hexanal		100 C6H12O	000066-25-1 59
5	Aziridine, 2-methyl-		57 C3H7N	000075-55-8 27



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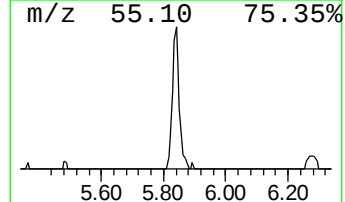
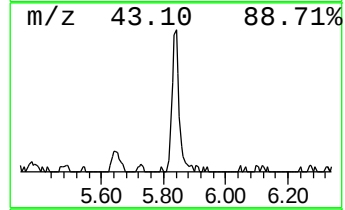
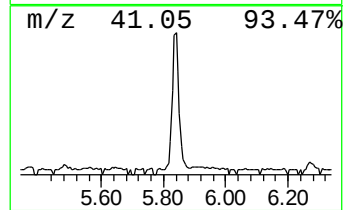
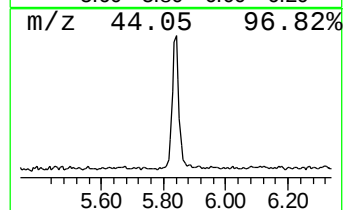
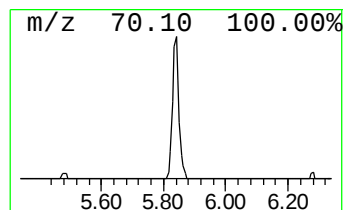
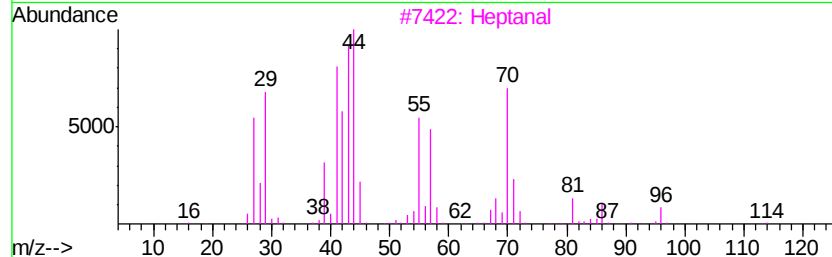
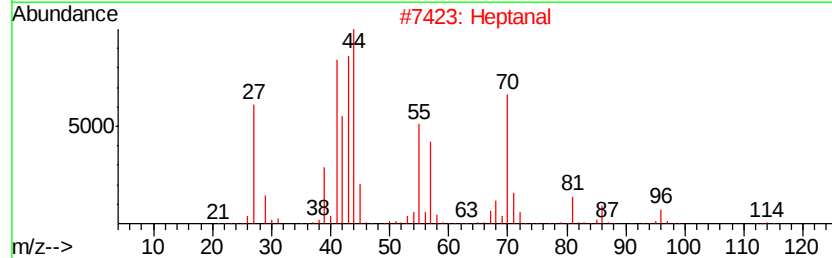
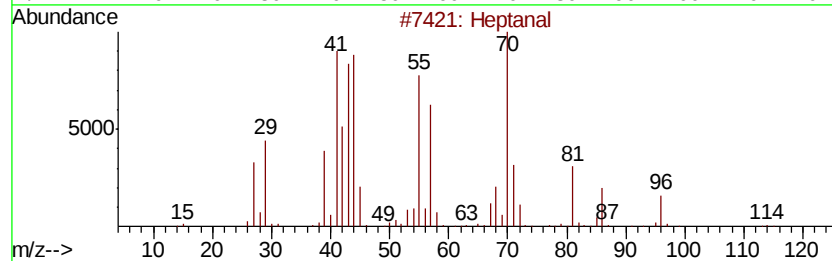
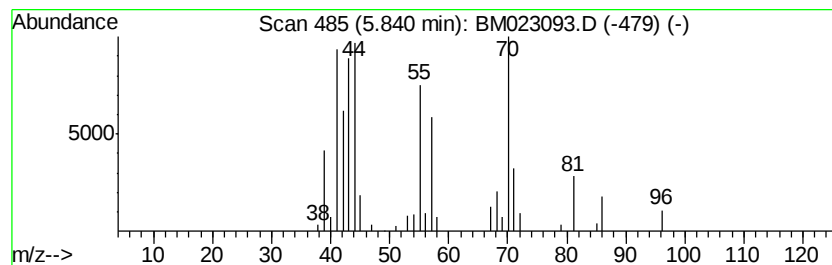
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	2.21 ng/ul	114536	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanal	114	C7H14O	000111-71-7	91
2		Heptanal	114	C7H14O	000111-71-7	72
3		Heptanal	114	C7H14O	000111-71-7	72
4		Heptanal	114	C7H14O	000111-71-7	72
5		Heptanal	114	C7H14O	000111-71-7	72



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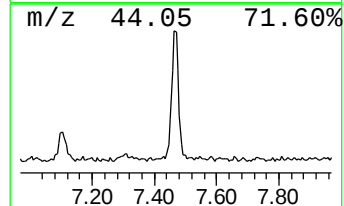
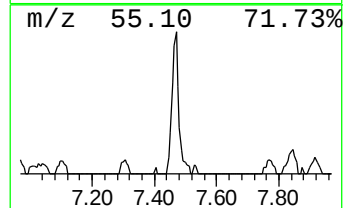
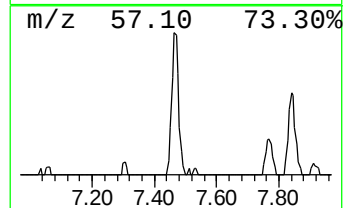
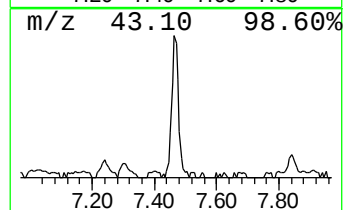
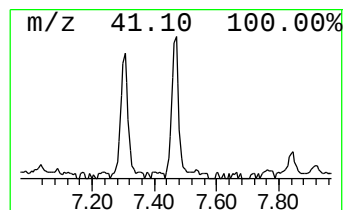
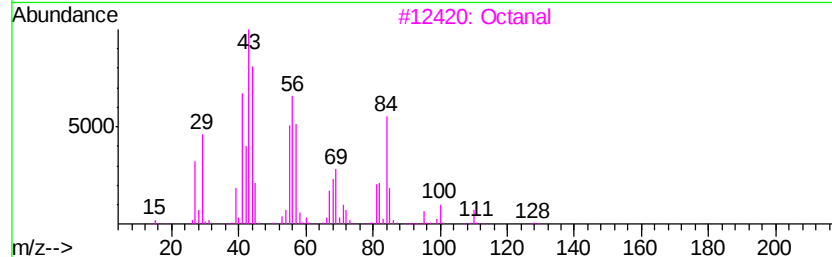
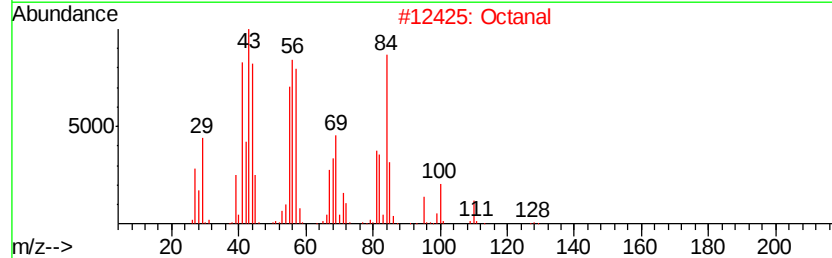
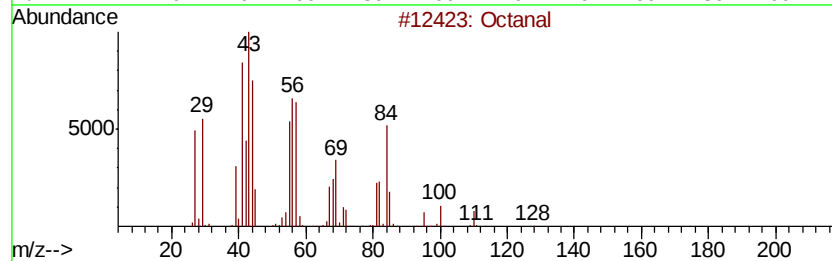
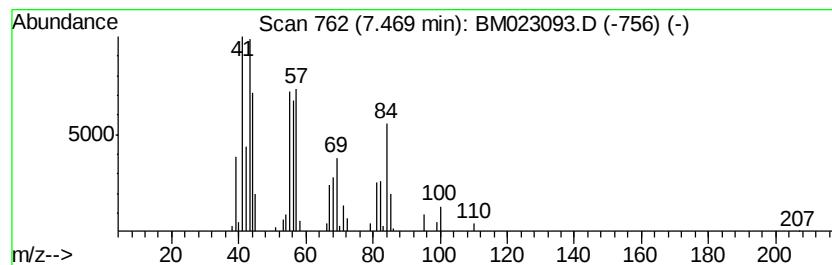
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.59 ng/ul	133880	1,4-Dichlorobenzene-d4	7.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal		128	C8H16O	000124-13-0	91
2	Octanal		128	C8H16O	000124-13-0	91
3	Octanal		128	C8H16O	000124-13-0	64
4	Octanal		128	C8H16O	000124-13-0	64
5	Piperidine		85	C5H11N	000110-89-4	53



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Sample : K5096-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLMK7

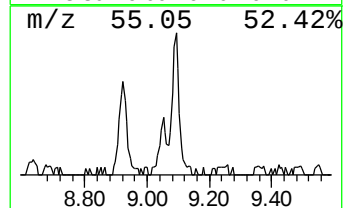
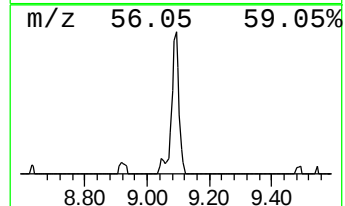
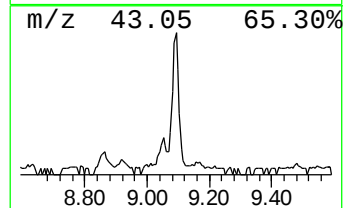
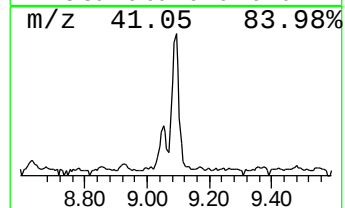
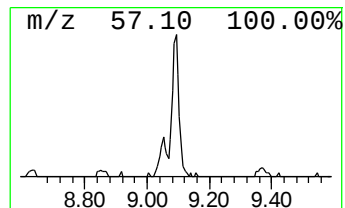
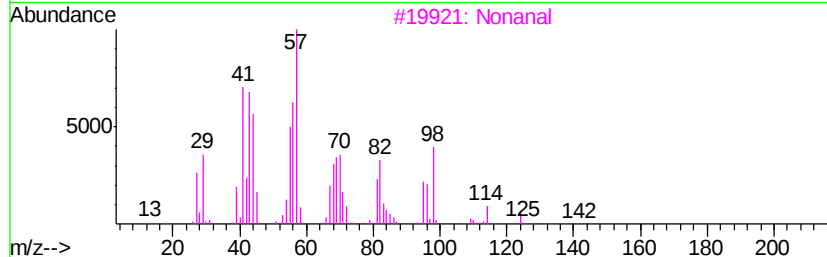
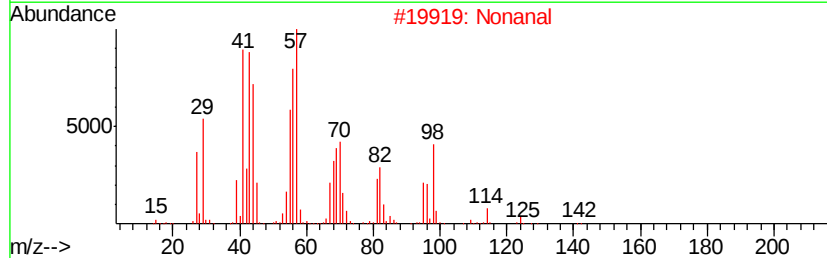
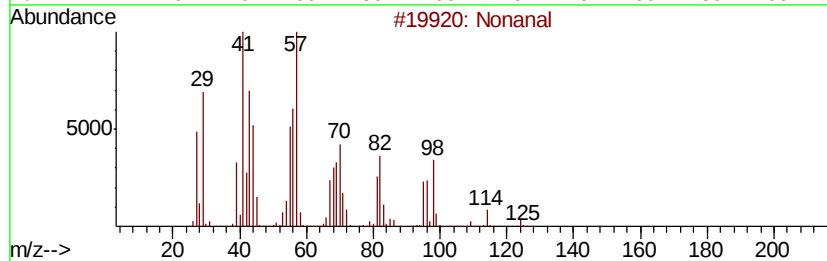
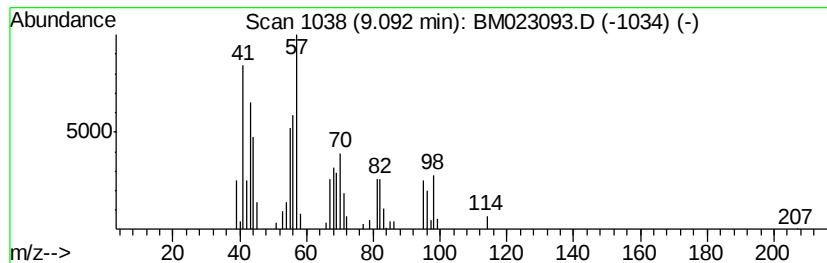
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.58 ng/ul	133450	1,4-Dichlorobenzene-d4	7.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	91
2	Nonanal		142	C9H18O	000124-19-6	80
3	Nonanal		142	C9H18O	000124-19-6	72
4	Nonanal		142	C9H18O	000124-19-6	64
5	Cyclopentane, 1,2-dimethyl-		98	C7H14	002452-99-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023093.D
Acq On : 09 Oct 2019 20:56
Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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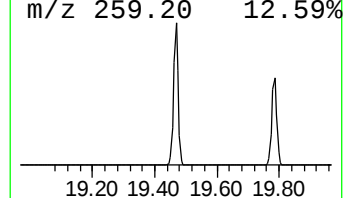
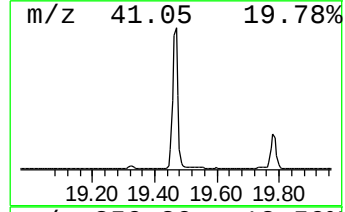
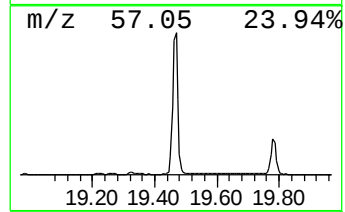
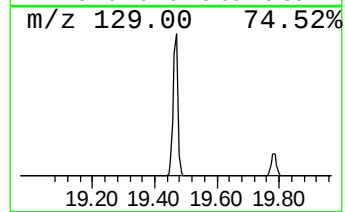
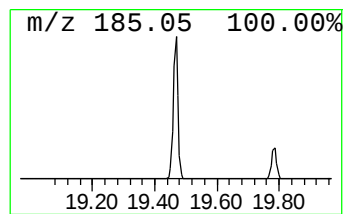
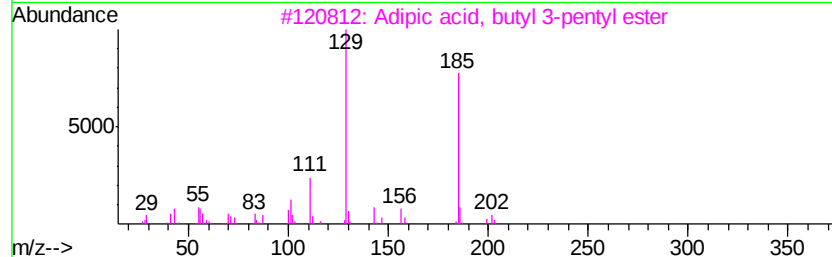
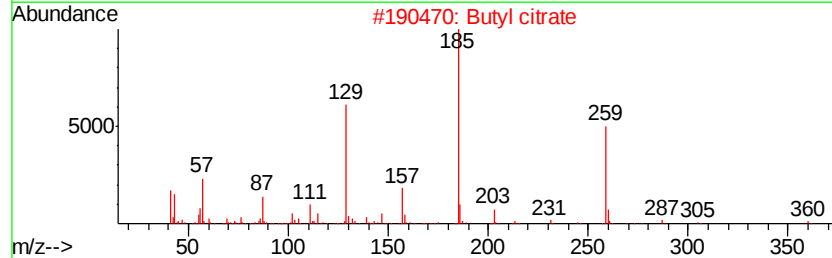
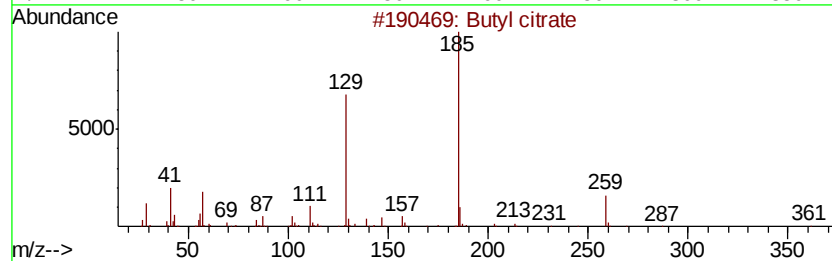
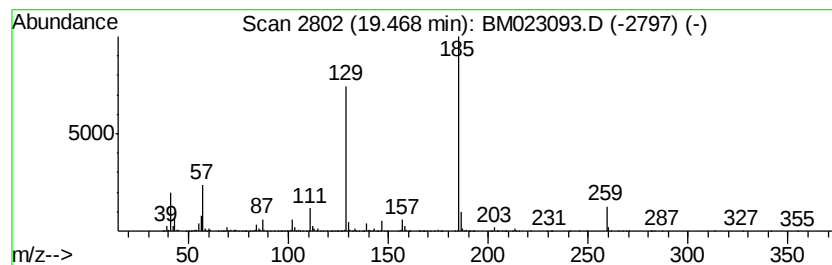
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Butyl citrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	23.89 ng/ul	2855130	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate		360	C18H32O7	000077-94-1	91
2	Butyl citrate		360	C18H32O7	000077-94-1	78
3	Adipic acid, butyl 3-pentyl ester		272	C15H28O4	1000324-60-5	72
4	Adipic acid, isobutyl 3-pentyl e...		272	C15H28O4	1000324-60-4	64
5	Adipic acid, isobutyl 2-propyl e...		244	C13H24O4	1000324-42-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023093.D
Acq On : 09 Oct 2019 20:56
Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

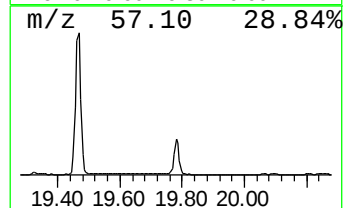
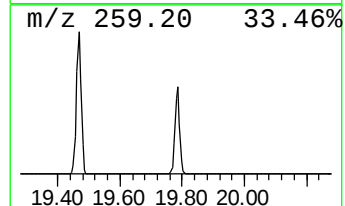
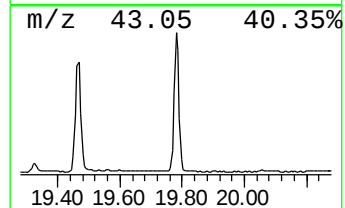
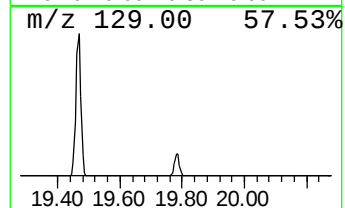
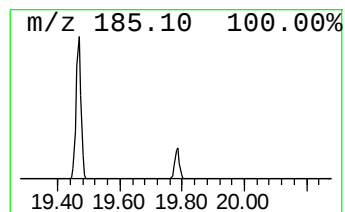
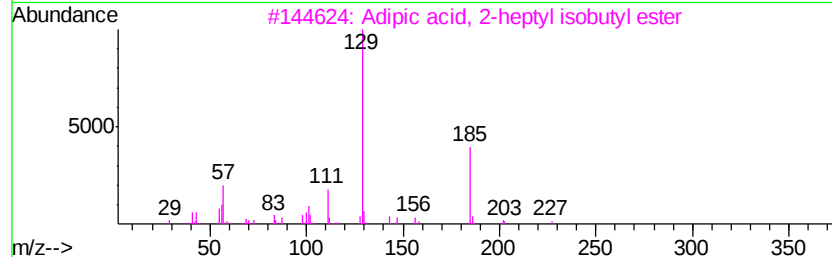
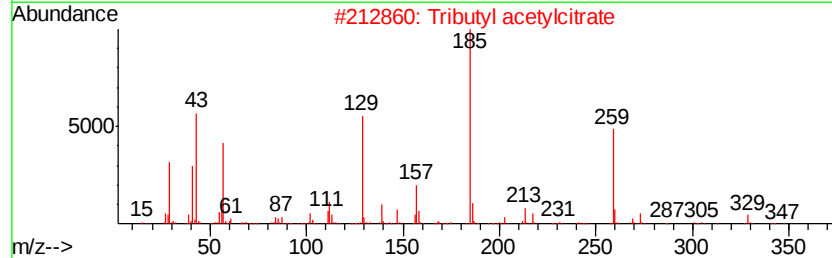
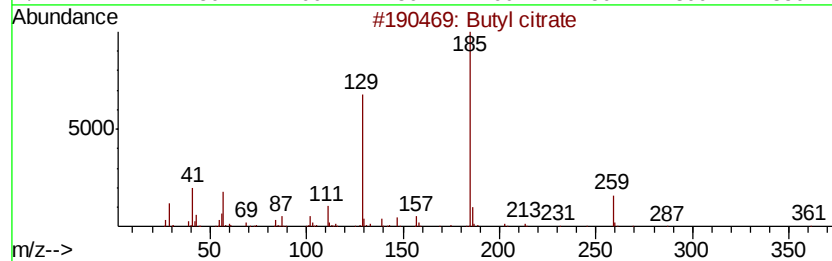
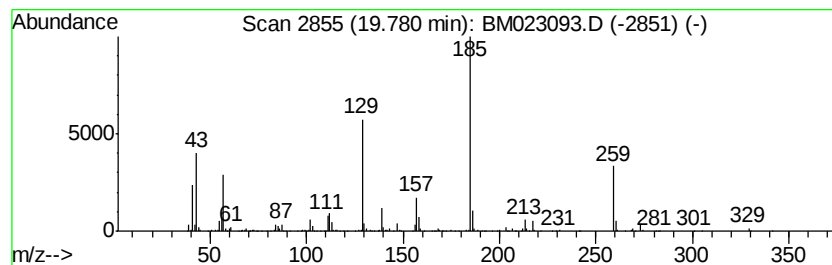
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Tributyl acetylcitrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.78	6.74 ng/ul	805865	Chrysene-d12	21.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butyl citrate	360	C18H32O7	000077-94-1	72
2		Tributyl acetylcitrate	402	C20H34O8	000077-90-7	64
3		Adipic acid, 2-heptyl isobutyl e...	300	C17H32O4	1000353-64-3	50
4		Tributyl acetylcitrate	402	C20H34O8	000077-90-7	49
5		[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023093.D
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Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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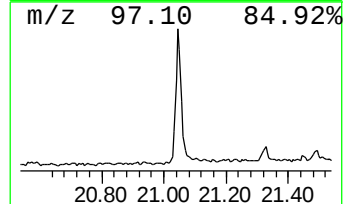
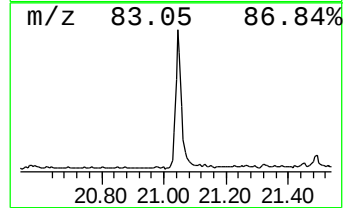
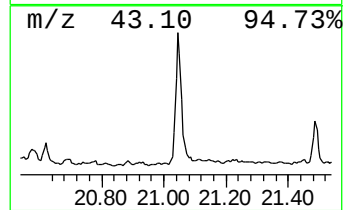
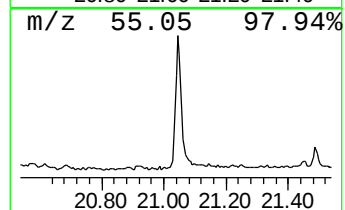
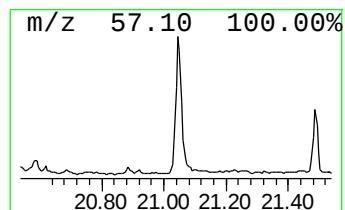
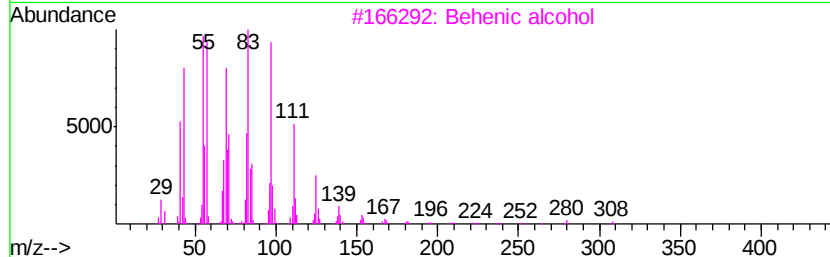
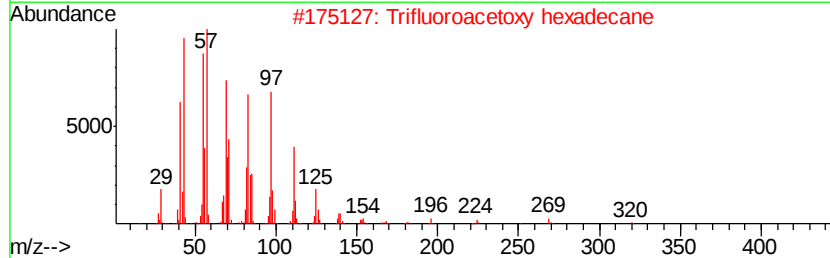
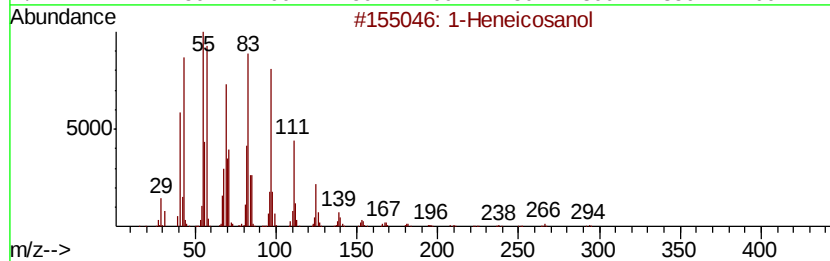
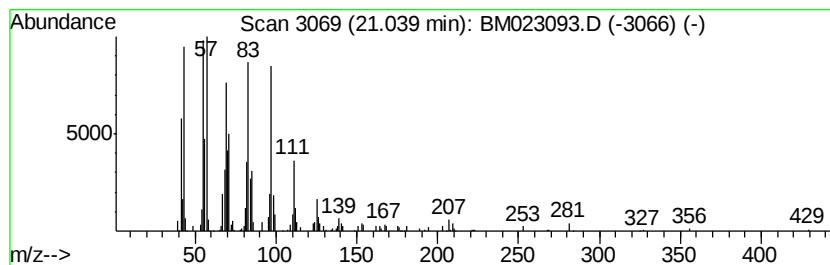
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.97 ng/ul	355339	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
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Sample : K5096-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	4.35	2.1	ng/ul	109973	1	7.77	1035360	20.0
Heptanal	5.84	2.2	ng/ul	114536	1	7.77	1035360	20.0
Octanal	7.47	2.6	ng/ul	133880	1	7.77	1035360	20.0
Nonanal	9.09	2.6	ng/ul	133450	1	7.77	1035360	20.0
Butyl citrate	19.47	23.9	ng/ul	2855130	5	21.33	2390100	20.0
Tributyl acetylci...	19.78	6.7	ng/ul	805865	5	21.33	2390100	20.0
1-Heneicosanol	21.04	3.0	ng/ul	355339	5	21.33	2390100	20.0