

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052019\
 Data File : BN005795.D
 Acq On : 20 May 2019 12:46
 Operator : JU/SJ
 Sample : K2693-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHD2

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-BN051819MA.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	4.758	296	301	307	rBV	167228	236568	7.30%	0.778%
2	4.958	330	335	342	rVB2	74903	116956	3.61%	0.385%
3	6.763	637	642	657	rVB	277057	572724	17.68%	1.884%
4	6.916	663	668	681	rVB	222331	377340	11.65%	1.241%
5	7.111	696	701	713	rVB	330738	561558	17.33%	1.847%
6	7.569	773	779	790	rBV	306213	537427	16.59%	1.768%
7	7.916	836	838	846	rVB3	16133	25291	0.78%	0.083%
8	8.281	894	900	918	rBV	317928	608225	18.77%	2.001%
9	8.716	968	974	991	rVB	299897	546394	16.86%	1.797%
10	9.434	1090	1096	1105	rBV	240247	442935	13.67%	1.457%
11	9.981	1182	1189	1207	rBV	299559	719116	22.20%	2.365%
12	10.328	1242	1248	1258	rVB	454537	747738	23.08%	2.459%
13	10.493	1270	1276	1288	rBV	106200	264348	8.16%	0.869%
14	11.869	1503	1510	1533	rVB	313217	642774	19.84%	2.114%
15	13.445	1773	1778	1780	rBV3	3063	4663	0.14%	0.015%
16	13.622	1802	1808	1814	rBV	802269	1244227	38.40%	4.092%
17	13.675	1814	1817	1828	rVB	171332	265328	8.19%	0.873%
18	13.898	1848	1855	1866	rBV	951653	1441623	44.50%	4.742%
19	14.210	1901	1908	1920	rVB2	721562	1134093	35.00%	3.730%
20	14.469	1947	1952	1971	rBV2	111976	359645	11.10%	1.183%
21	14.675	1983	1987	1989	rVB4	6067	7481	0.23%	0.025%
22	14.987	2033	2040	2043	rBV3	3339	4554	0.14%	0.015%
23	15.081	2053	2056	2060	rBV2	3092	4236	0.13%	0.014%
24	15.210	2072	2078	2087	rBV	1172664	1833002	56.57%	6.029%
25	15.375	2101	2106	2116	rBV	172930	320977	9.91%	1.056%
26	15.457	2116	2120	2125	rVB4	15949	23891	0.74%	0.079%
27	15.998	2208	2212	2215	rBV3	4024	4648	0.14%	0.015%
28	16.398	2276	2280	2287	rBV4	6508	11820	0.36%	0.039%
29	16.522	2298	2301	2309	rBV3	2824	5218	0.16%	0.017%
30	16.969	2371	2377	2387	rVV2	1069342	1521836	46.97%	5.005%
31	17.069	2387	2394	2408	rVV2	1312580	2075961	64.07%	6.828%
32	17.175	2408	2412	2416	rVB3	3404	5318	0.16%	0.017%
33	17.381	2443	2447	2452	rBV3	2729	5347	0.17%	0.018%
34	17.757	2506	2511	2521	rBV5	13348	28353	0.88%	0.093%

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35	17.886	2528	2533	2547	rBV2	132371	254817	7.86%	0.838%
36	18.175	2578	2582	2586	rBV3	5716	6898	0.21%	0.023%
37	18.404	2616	2621	2622	rBV4	2738	3828	0.12%	0.013%
38	18.439	2623	2627	2628	rVV3	3378	3444	0.11%	0.011%
39	18.475	2630	2633	2636	rVV4	3036	4616	0.14%	0.015%
40	18.875	2698	2701	2703	rBV2	3308	3619	0.11%	0.012%
41	18.951	2709	2714	2715	rBV3	2348	3493	0.11%	0.011%
42	19.022	2721	2726	2729	rBV	12819	18337	0.57%	0.060%
43	19.063	2729	2733	2739	rVB6	9476	17582	0.54%	0.058%
44	19.186	2750	2754	2760	rBV5	34503	59816	1.85%	0.197%
45	19.275	2765	2769	2773	rVB	12925	18697	0.58%	0.061%
46	19.386	2781	2788	2805	rVV	1805752	2644115	81.61%	8.697%
47	19.498	2805	2807	2810	rVB4	3605	3757	0.12%	0.012%
48	19.604	2824	2825	2830	rVB5	3734	3907	0.12%	0.013%
49	19.957	2882	2885	2889	rVB5	5262	7488	0.23%	0.025%
50	20.339	2948	2950	2957	rBV7	7264	12778	0.39%	0.042%
51	20.457	2968	2970	2973	rBV3	6761	6310	0.19%	0.021%
52	20.939	3048	3052	3061	rBV4	43717	100450	3.10%	0.330%
53	21.145	3084	3087	3092	rVB5	13838	15520	0.48%	0.051%
54	21.222	3094	3100	3110	rBV	1333607	1969622	60.79%	6.478%
55	21.333	3117	3119	3120	rBV2	8275	7109	0.22%	0.023%
56	21.392	3125	3129	3133	rVB	38608	49487	1.53%	0.163%
57	21.827	3199	3203	3207	rBV	64615	75086	2.32%	0.247%
58	22.286	3277	3281	3286	rBV	120561	153216	4.73%	0.504%
59	22.410	3296	3302	3309	rVB	1366945	1791556	55.30%	5.893%
60	22.786	3361	3366	3374	rVB	145258	204418	6.31%	0.672%
61	23.310	3447	3455	3469	rBV2	1597403	3239966	100.00%	10.657%
62	23.451	3471	3479	3498	rVB2	1047540	2206825	68.11%	7.258%
63	23.963	3561	3566	3574	rVB	132733	242813	7.49%	0.799%
64	24.304	3622	3624	3630	rVB6	35942	55703	1.72%	0.183%
65	24.686	3683	3689	3697	rBV	112759	263510	8.13%	0.867%
66	25.521	3826	3831	3841	rVB3	61868	139893	4.32%	0.460%
67	26.504	3993	3998	4007	rVB3	44738	113356	3.50%	0.373%

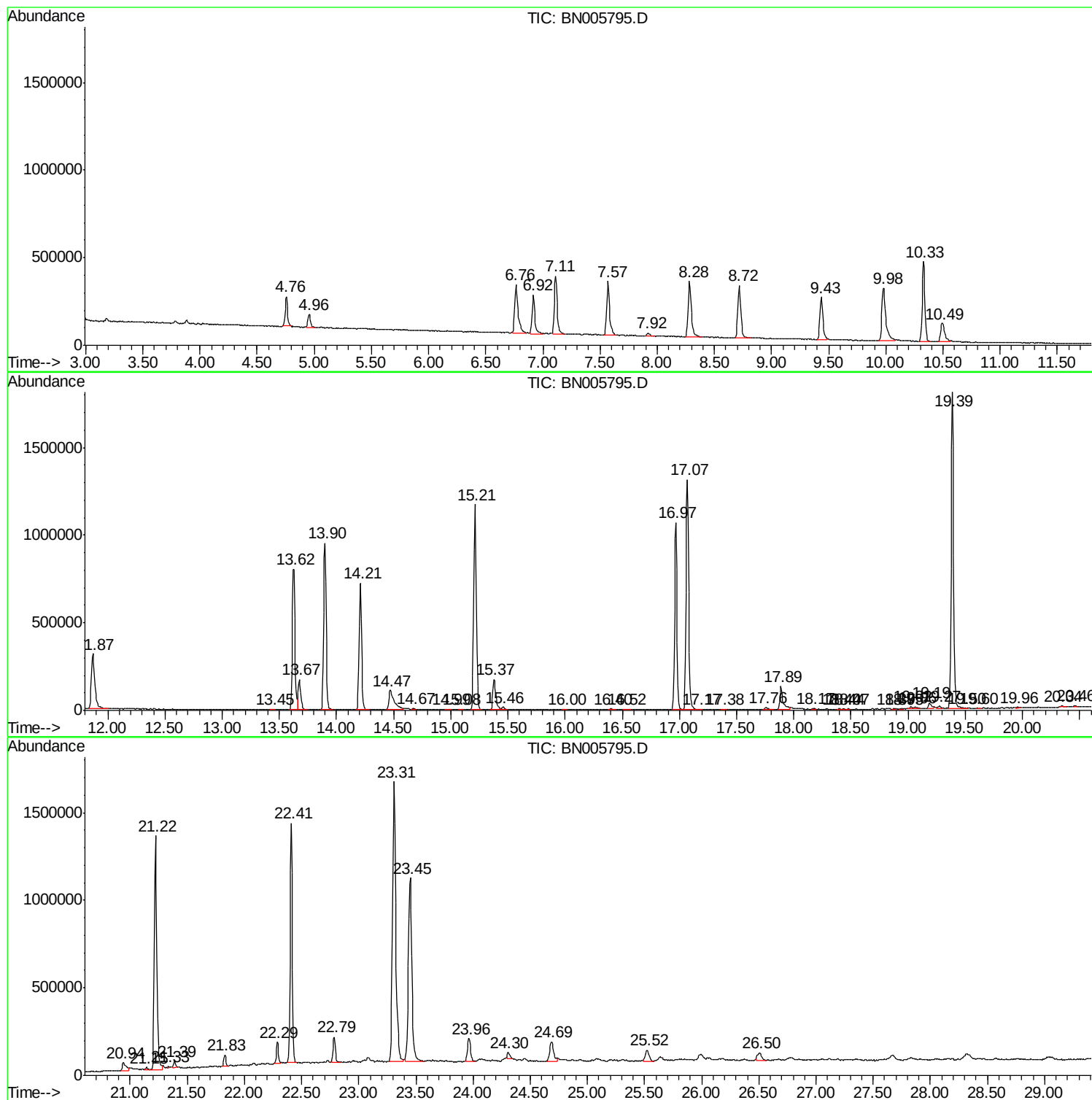
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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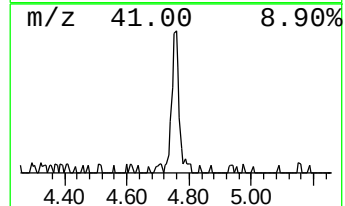
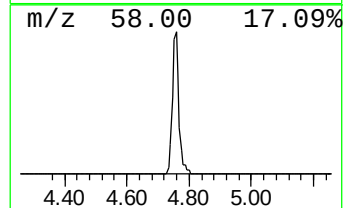
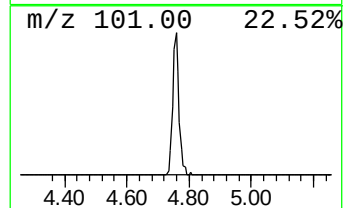
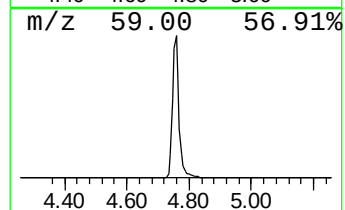
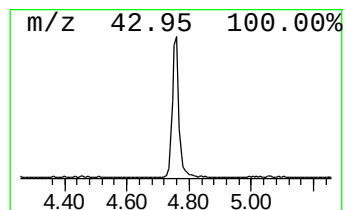
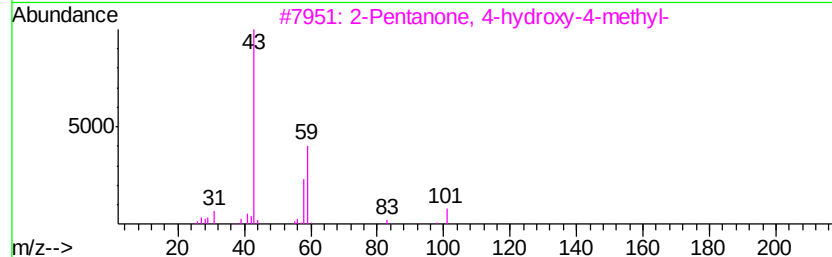
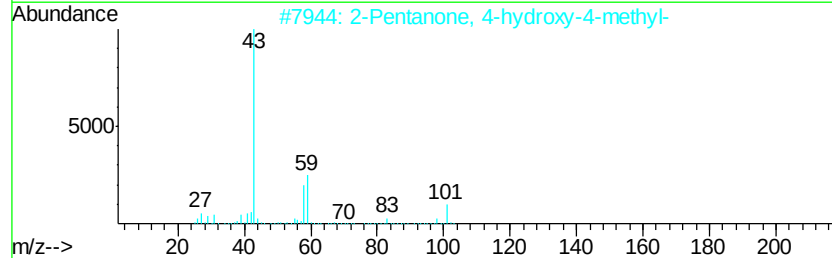
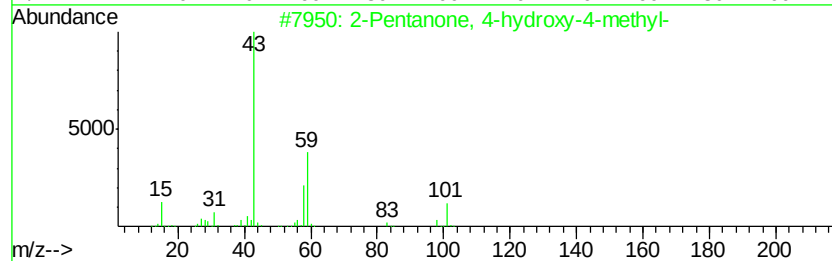
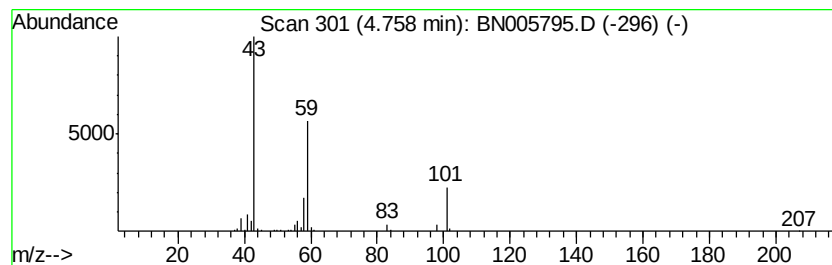
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	8.80 ng/ul	236568	1,4-Dichlorobenzene-d4	7.57

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	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	35
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33



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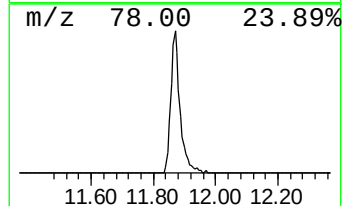
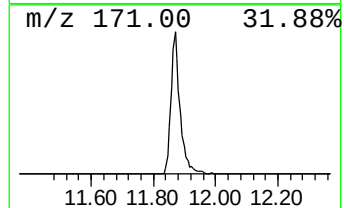
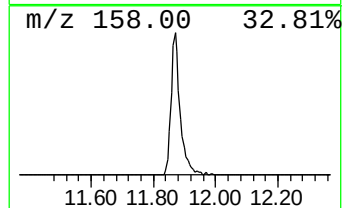
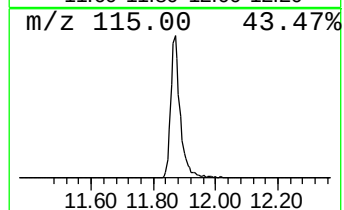
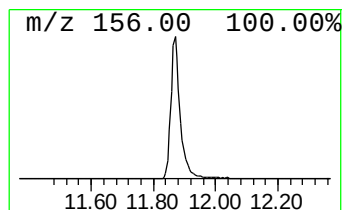
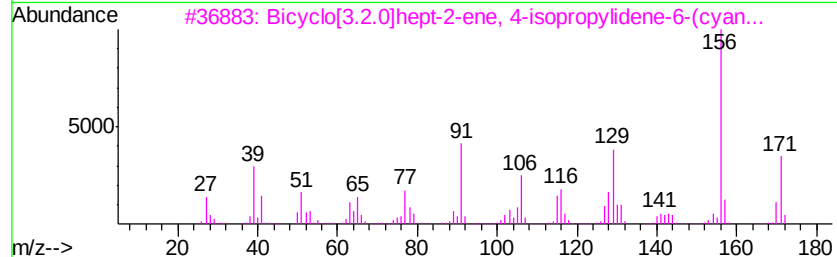
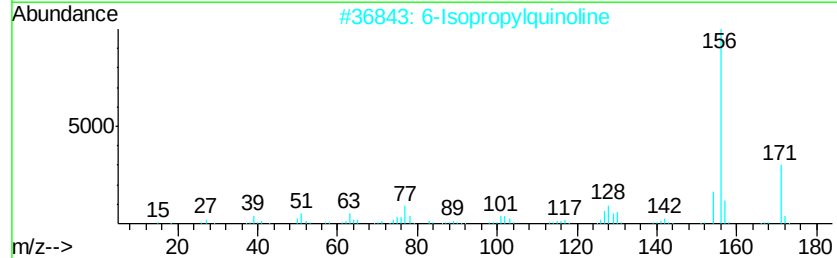
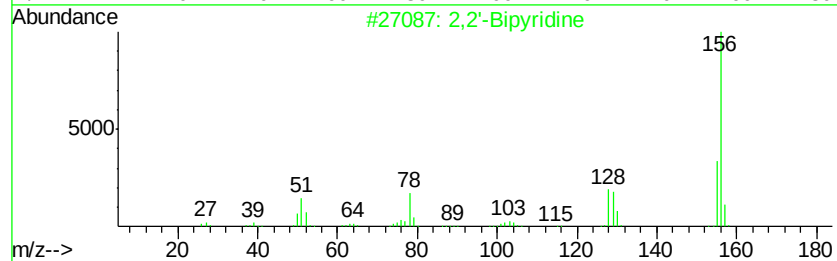
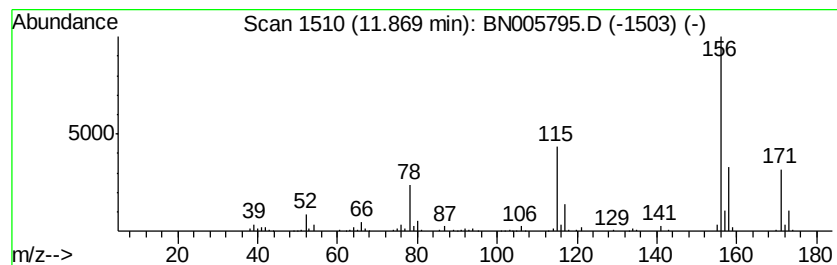
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	17.19 ng/ul	642774	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2'-Bipyridine	156	C10H8N2	000366-18-7	38
2		6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3		Bicyclo[3.2.0]hept-2-ene, 4-isopropylidene-6-(cyan...	171	C12H13N	1000217-15-6	32
4		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28
5		1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	25



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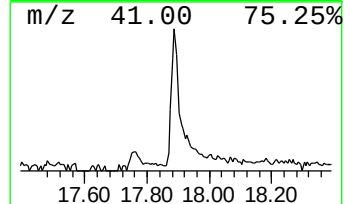
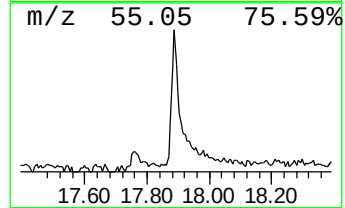
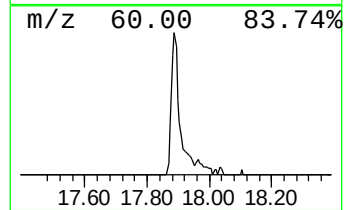
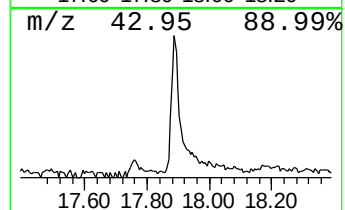
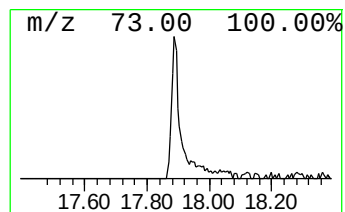
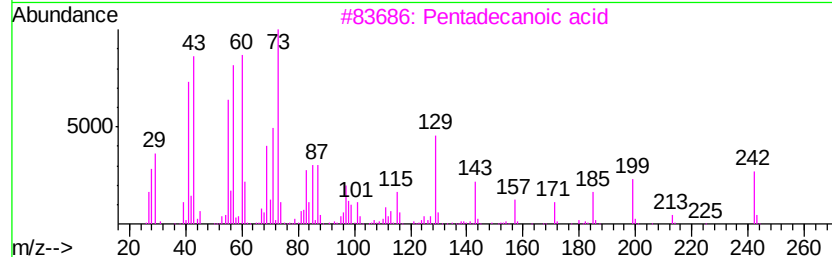
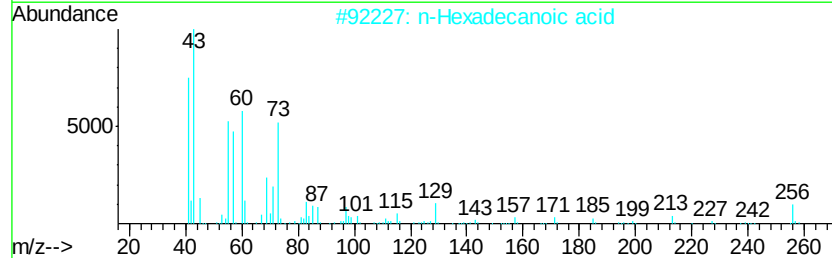
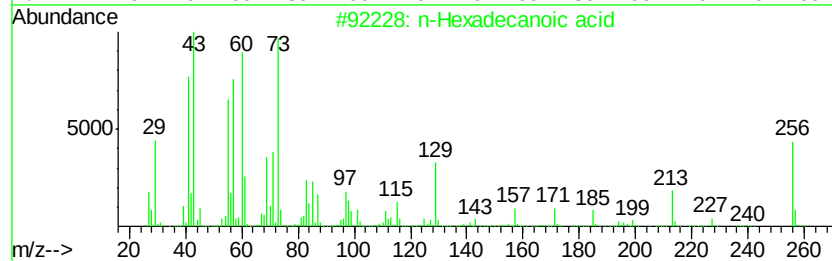
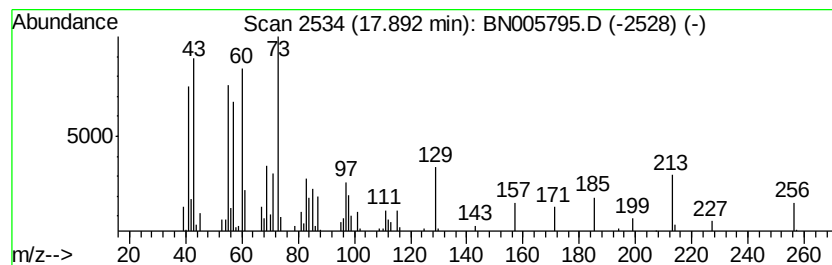
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	3.35 ng/ul	254817	Phenanthrene-d10		16.97
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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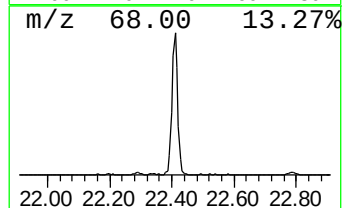
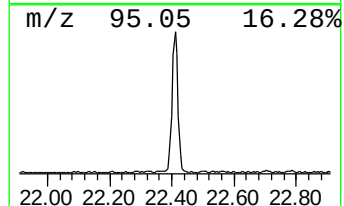
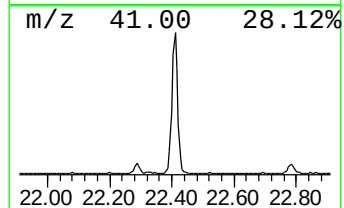
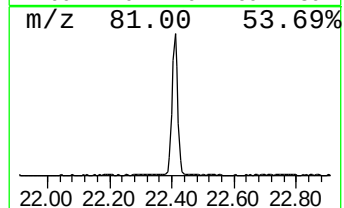
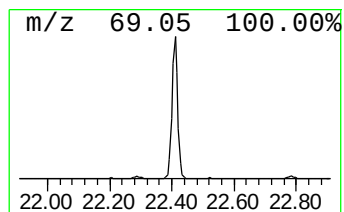
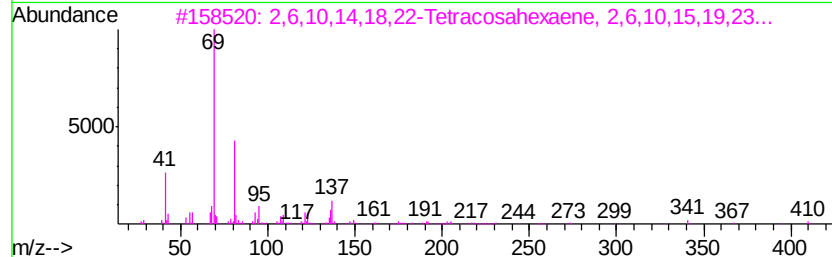
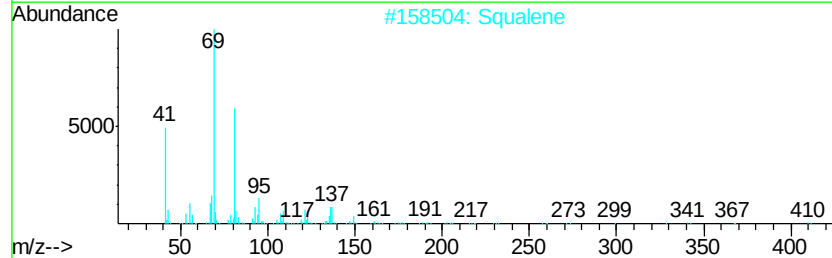
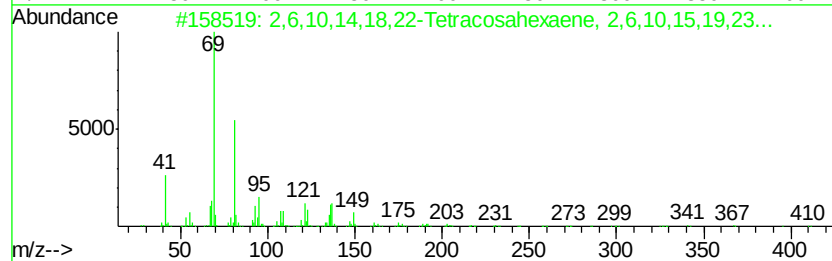
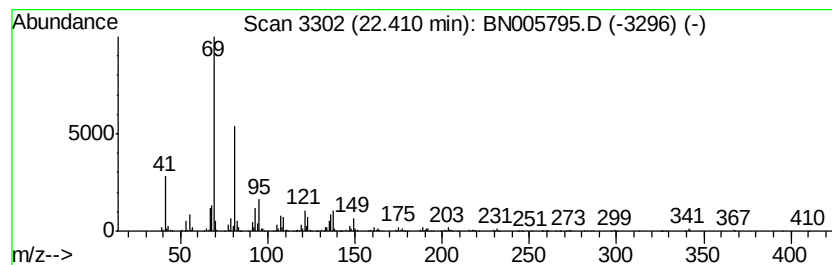
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,6,10,14,18,22-Tetracosah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	16.24 ng/ul	1791560	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	98
2		Squalene	410	C30H50	007683-64-9	91
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
4		Squalene	410	C30H50	007683-64-9	83
5		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83



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BFHD2

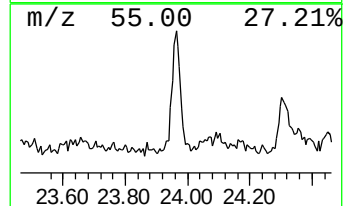
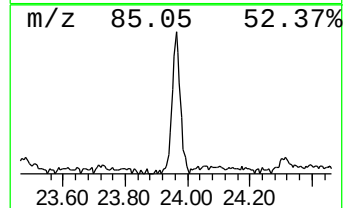
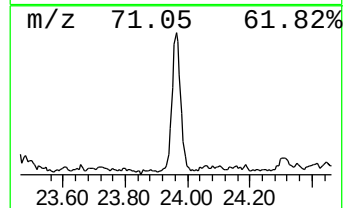
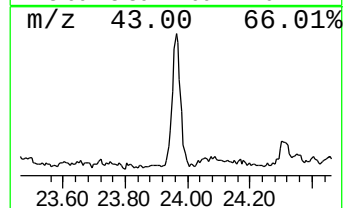
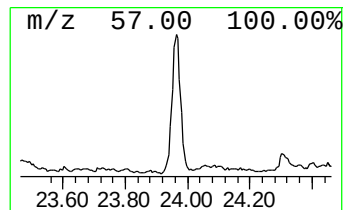
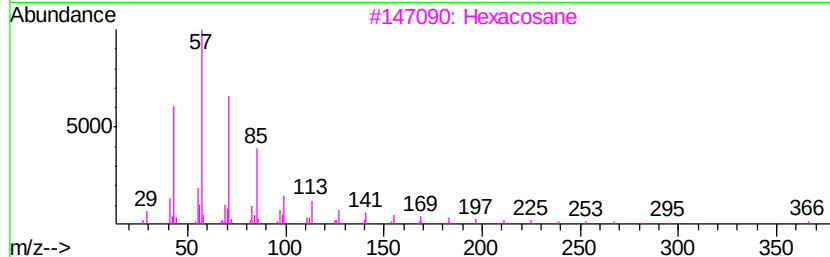
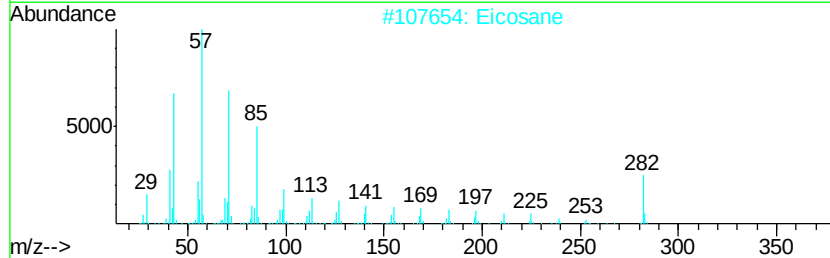
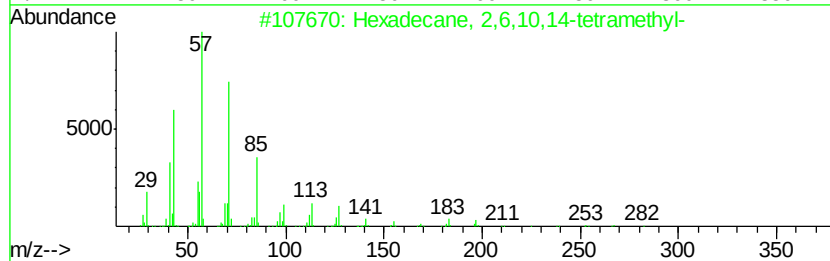
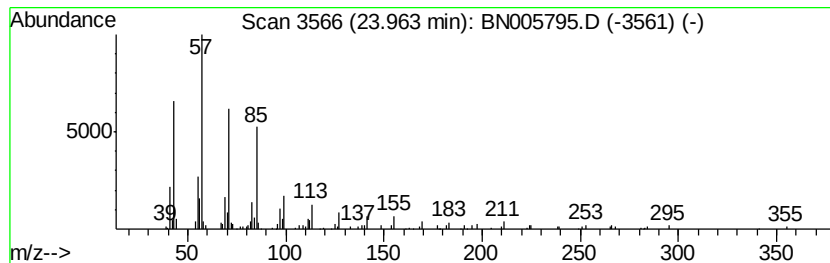
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.20 ng/ul	242813	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Docosane	310	C22H46	000629-97-0	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052019\
Data File : BN005795.D
Acq On : 20 May 2019 12:46
Operator : JU/SJ
Sample : K2693-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

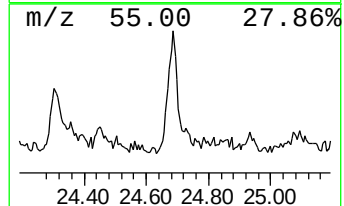
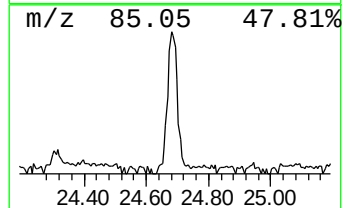
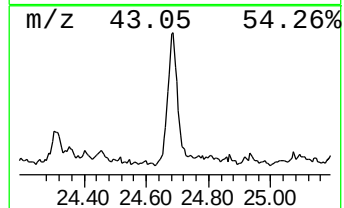
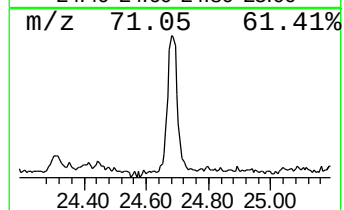
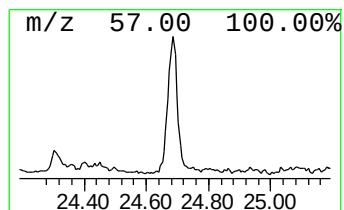
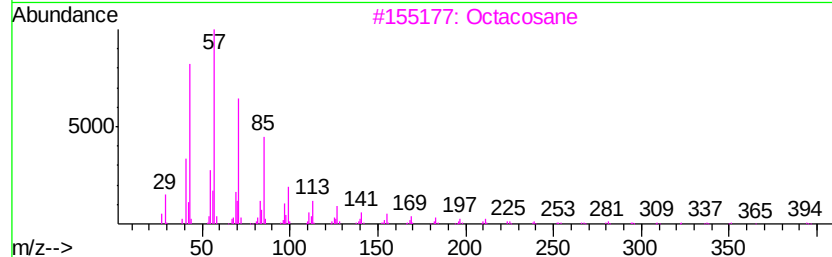
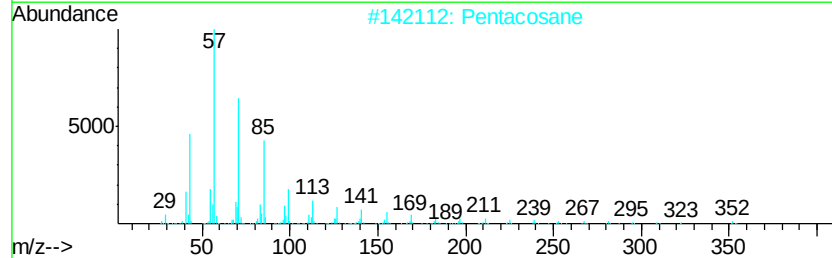
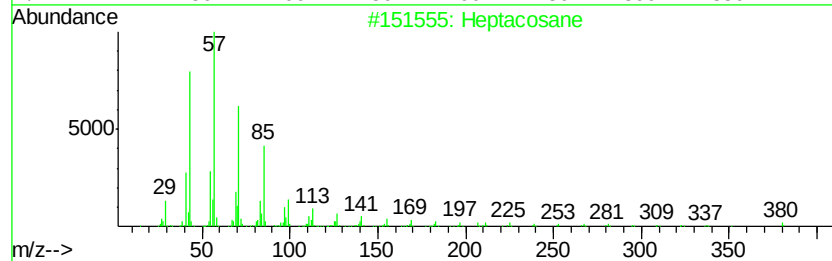
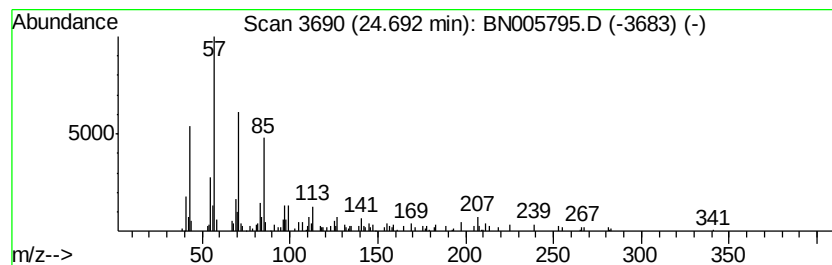
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
24.69	2.39 ng/ul	263510	Perylene-d12		23.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052019\
Data File : BN005795.D
Acq On : 20 May 2019 12:46
Operator : JU/SJ
Sample : K2693-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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
2-Pentanone, 4-hy...	4.76	8.8	ng/ul	236568	1	7.57	537427	20.0
unknown-01	11.87	17.2	ng/ul	642774	2	10.33	747738	20.0
n-Hexadecanoic acid	17.89	3.4	ng/ul	254817	4	16.97	1521840	20.0
2,6,10,14,18,22-T...	22.41	16.2	ng/ul	1791560	6	23.45	2206830	20.0
(DEL) Alkane: Str...	23.96	2.2	ng/ul	242813	6	23.45	2206830	20.0
(DEL) Alkane: Str...	24.69	2.4	ng/ul	263510	6	23.45	2206830	20.0