

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007678.D
 Acq On : 16 Sep 2019 22:13
 Operator : HP/JU
 Sample : K4682-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0BL7

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-BN091619MA.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	3.017	3	5	21	rVB	6465828	7176271	34.95%	3.580%
2	3.270	44	48	57	rVB	129466	213653	1.04%	0.107%
3	3.893	151	154	161	rVB	48517	70323	0.34%	0.035%
4	3.981	166	169	172	rVB	47994	54420	0.27%	0.027%
5	6.875	654	661	674	rBV2	768878	1549110	7.54%	0.773%
6	7.046	683	690	710	rBV	1865988	3175577	15.46%	1.584%
7	7.240	716	723	734	rBV	2458775	3796738	18.49%	1.894%
8	7.705	795	802	812	rBV	2624831	4066363	19.80%	2.029%
9	7.781	812	815	821	rVV6	23170	34282	0.17%	0.017%
10	8.046	858	860	867	rVB8	13156	23768	0.12%	0.012%
11	8.399	912	920	933	rBV	2062282	3229784	15.73%	1.611%
12	8.846	989	996	1007	rBV	2649311	4245039	20.67%	2.118%
13	8.934	1009	1011	1018	rVB7	17503	33926	0.17%	0.017%
14	9.246	1060	1064	1070	rVB8	12503	24870	0.12%	0.012%
15	9.316	1070	1076	1082	rVB2	70337	103870	0.51%	0.052%
16	9.563	1110	1118	1133	rBV	1984888	3248517	15.82%	1.621%
17	10.099	1200	1209	1219	rBV	3360733	5641025	27.47%	2.814%
18	10.263	1229	1237	1241	rBV7	11118	21547	0.10%	0.011%
19	10.340	1245	1250	1256	rBV9	11876	20864	0.10%	0.010%
20	10.475	1265	1273	1281	rBV	3602226	5999392	29.22%	2.993%
21	10.540	1281	1284	1288	rVV5	17272	26949	0.13%	0.013%
22	10.610	1288	1296	1309	rVV	336253	646266	3.15%	0.322%
23	11.804	1493	1499	1505	rBV	103824	160303	0.78%	0.080%
24	12.010	1529	1534	1539	rVB2	21392	30463	0.15%	0.015%
25	12.063	1539	1543	1549	rVV2	58541	89405	0.44%	0.045%
26	12.151	1553	1558	1562	rVB6	17321	26251	0.13%	0.013%
27	12.698	1645	1651	1654	rBV7	11939	22389	0.11%	0.011%
28	12.945	1689	1693	1700	rVB4	32220	53605	0.26%	0.027%
29	13.175	1728	1732	1737	rBV3	26836	38458	0.19%	0.019%
30	13.740	1822	1828	1833	rBV	6443438	9041960	44.03%	4.511%
31	13.787	1833	1836	1844	rVB	602585	813604	3.96%	0.406%
32	14.022	1868	1876	1885	rBV	7319850	10691165	52.06%	5.334%
33	14.193	1900	1905	1910	rVB5	12353	22216	0.11%	0.011%
34	14.334	1920	1929	1934	rBV	5607081	8661579	42.18%	4.321%

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 Title : SVOA CALIBRATION

35	14.516	1954	1960	1969	rBV	785320	1204366	5.86%	0.601%
36	14.757	1994	2001	2005	rBV6	45897	76442	0.37%	0.038%
37	14.810	2007	2010	2014	rVB5	19832	28684	0.14%	0.014%
38	15.040	2044	2049	2053	rBV3	45343	67267	0.33%	0.034%
39	15.157	2064	2069	2072	rBV5	23332	35327	0.17%	0.018%
40	15.210	2074	2078	2085	rVB7	19855	35297	0.17%	0.018%
41	15.328	2091	2098	2105	rBV	9638900	13784568	67.13%	6.877%
42	15.439	2110	2117	2126	rBV	2399899	3237928	15.77%	1.615%
43	15.563	2134	2138	2143	rVB	113194	165759	0.81%	0.083%
44	15.775	2170	2174	2176	rBV4	19763	24152	0.12%	0.012%
45	15.804	2176	2179	2183	rVB5	20873	26589	0.13%	0.013%
46	16.075	2219	2225	2227	rBV4	36524	53520	0.26%	0.027%
47	16.110	2227	2231	2240	rVB3	46224	80291	0.39%	0.040%
48	16.375	2272	2276	2280	rVV5	14468	23128	0.11%	0.012%
49	16.475	2288	2293	2294	rBV5	18918	22917	0.11%	0.011%
50	16.722	2331	2335	2338	rBV5	15208	26107	0.13%	0.013%
51	16.757	2338	2341	2345	rVB5	26335	37123	0.18%	0.019%
52	16.857	2353	2358	2369	rVB3	67471	132568	0.65%	0.066%
53	16.945	2371	2373	2378	rVB6	20681	27399	0.13%	0.014%
54	17.075	2388	2395	2402	rBV2	7479566	10412775	50.71%	5.195%
55	17.175	2405	2412	2425	rBV	11296671	16262478	79.19%	8.113%
56	17.316	2432	2436	2440	rBV	33599	45594	0.22%	0.023%
57	17.369	2442	2445	2451	rVB	29796	44587	0.22%	0.022%
58	17.439	2454	2457	2460	rBV4	20712	27426	0.13%	0.014%
59	17.986	2545	2550	2557	rBV	1316391	1835637	8.94%	0.916%
60	18.292	2598	2602	2607	rVB4	58892	91826	0.45%	0.046%
61	18.445	2626	2628	2634	rVB5	35006	43624	0.21%	0.022%
62	18.510	2636	2639	2642	rVB5	29001	36414	0.18%	0.018%
63	18.869	2696	2700	2705	rBV7	41378	65444	0.32%	0.033%
64	18.928	2708	2710	2718	rVB4	39657	54385	0.26%	0.027%
65	19.039	2726	2729	2733	rVB5	34949	37735	0.18%	0.019%
66	19.104	2733	2740	2746	rBV	173592	417370	2.03%	0.208%
67	19.275	2764	2769	2778	rBV	662034	979101	4.77%	0.488%
68	19.357	2779	2783	2789	rVB	162182	241562	1.18%	0.121%
69	19.469	2796	2802	2808	rBV	14713937	20535006	100.00%	10.244%
70	19.710	2840	2843	2846	rBV	44350	54586	0.27%	0.027%
71	20.051	2897	2901	2905	rVB2	121341	141656	0.69%	0.071%

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72	20.545	2982	2985	2988	rVB	219687	227071	1.11%	0.113%
73	20.951	3051	3054	3058	rVB	107342	156002	0.76%	0.078%
74	21.004	3059	3063	3068	rVV2	1712919	2360906	11.50%	1.178%
75	21.051	3068	3071	3081	rVB	602043	883927	4.30%	0.441%
76	21.269	3102	3108	3113	rBV	9338750	11870932	57.81%	5.922%
77	21.386	3124	3128	3134	rBV	383008	544035	2.65%	0.271%
78	21.445	3135	3138	3144	rVB	567158	634876	3.09%	0.317%
79	21.880	3209	3212	3222	rVB	728905	874348	4.26%	0.436%
80	22.345	3287	3291	3296	rVB	948273	1134878	5.53%	0.566%
81	22.851	3372	3377	3382	rBV	1033329	1459541	7.11%	0.728%
82	23.351	3454	3462	3468	rBV	10536750	19579483	95.35%	9.768%
83	23.416	3468	3473	3478	rVV	1103951	1817142	8.85%	0.907%
84	23.486	3478	3485	3496	rVB2	6267232	11630568	56.64%	5.802%
85	23.880	3548	3552	3558	rVB3	364680	647204	3.15%	0.323%
86	24.057	3576	3582	3590	rBV	901401	1692546	8.24%	0.844%
87	24.792	3701	3707	3715	rVB	685464	1468905	7.15%	0.733%

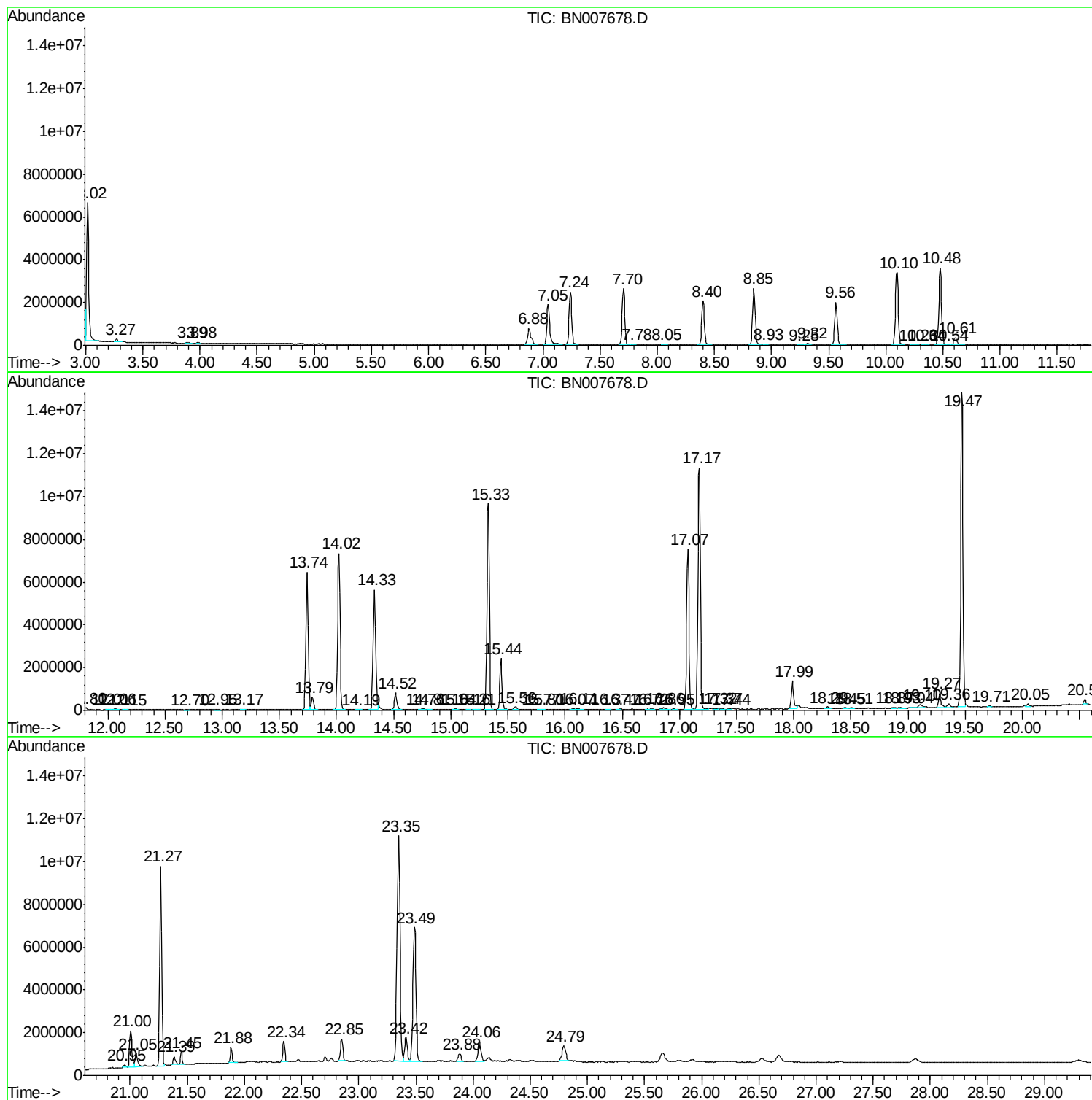
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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



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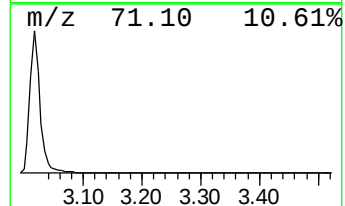
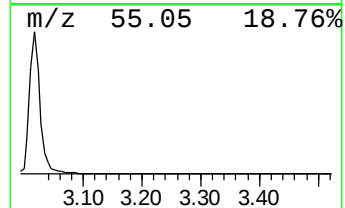
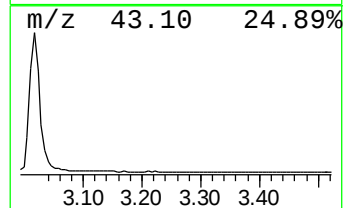
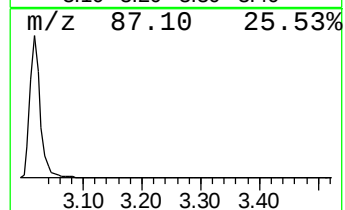
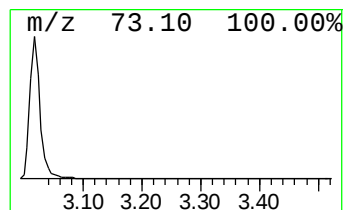
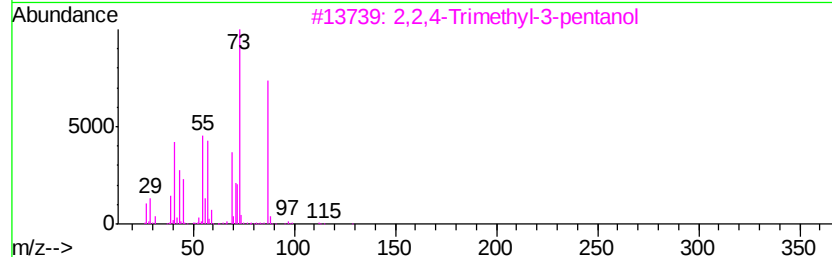
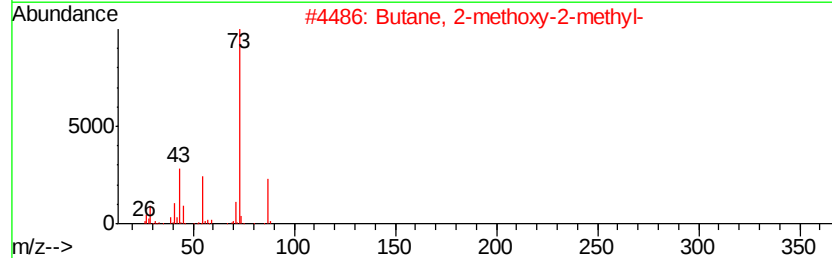
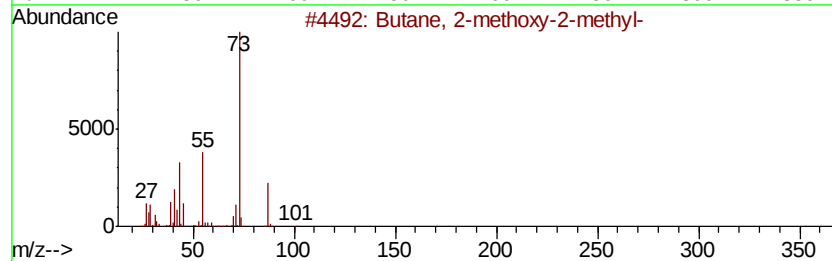
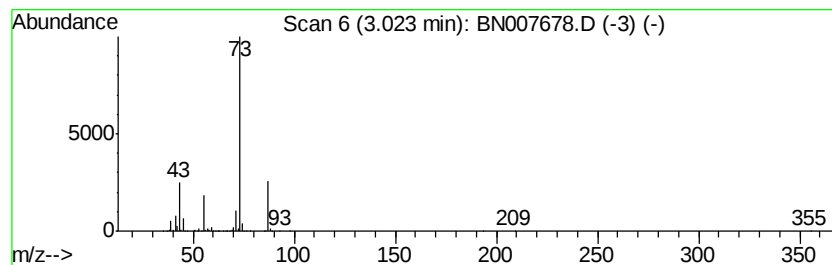
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	35.30 ng/ul	7176270	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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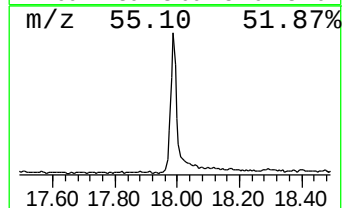
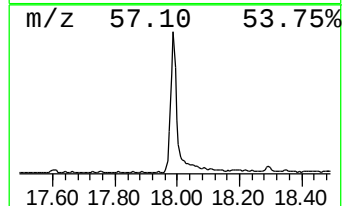
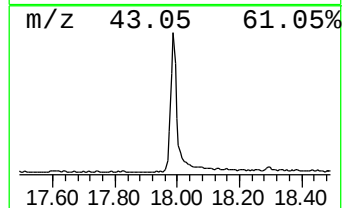
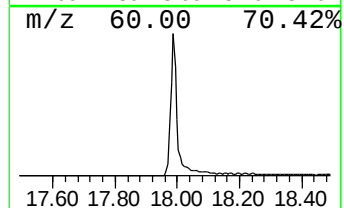
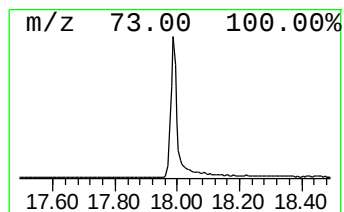
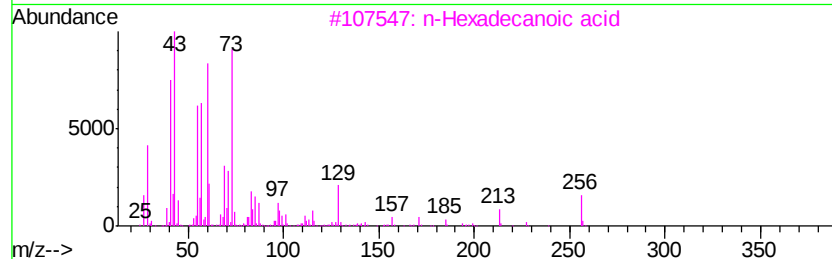
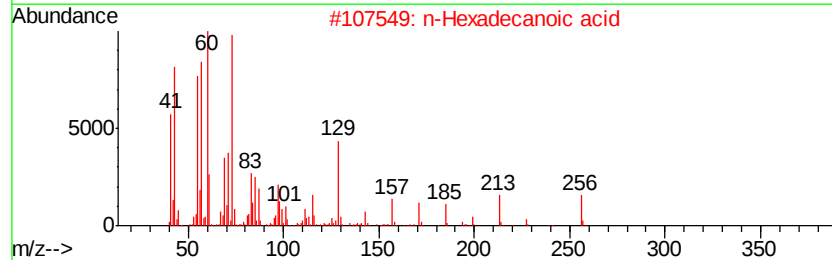
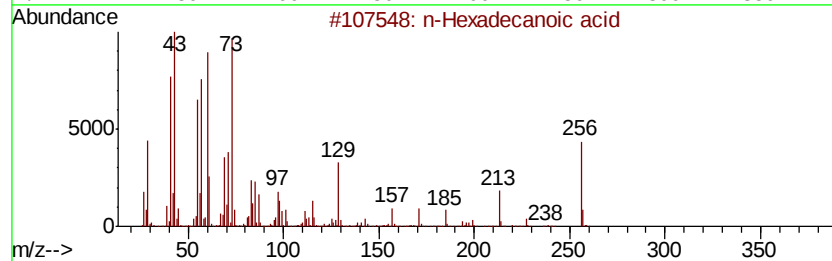
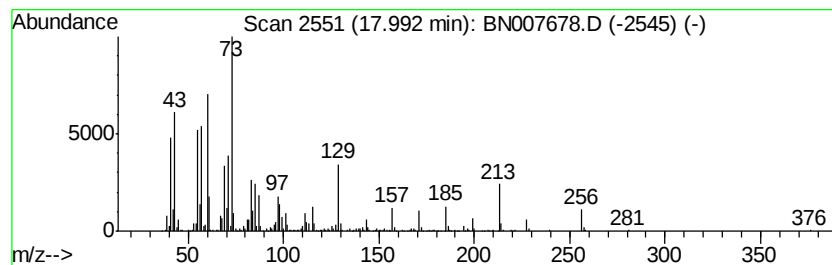
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.99	3.53 ng/ul	1835640	Phenanthrene-d10		17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	81
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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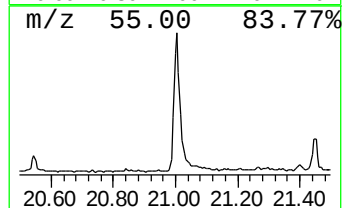
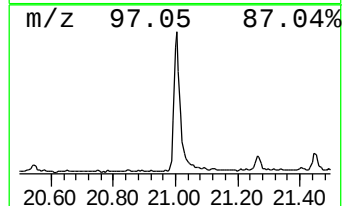
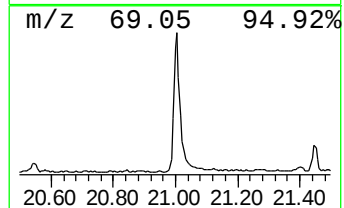
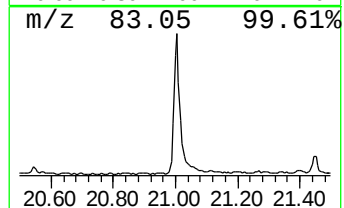
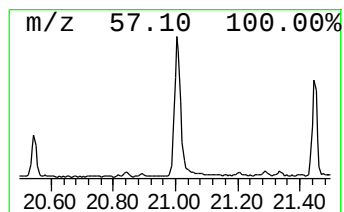
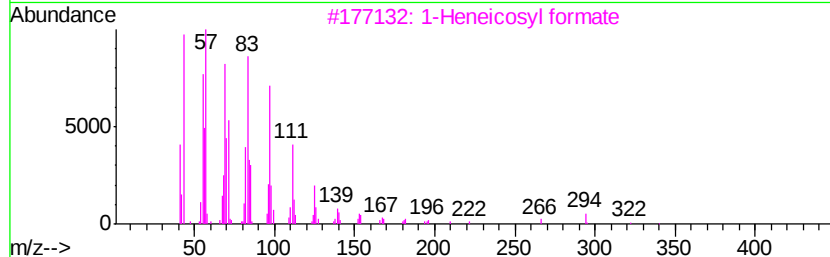
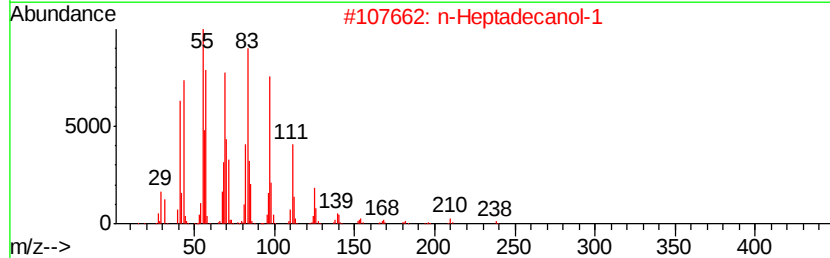
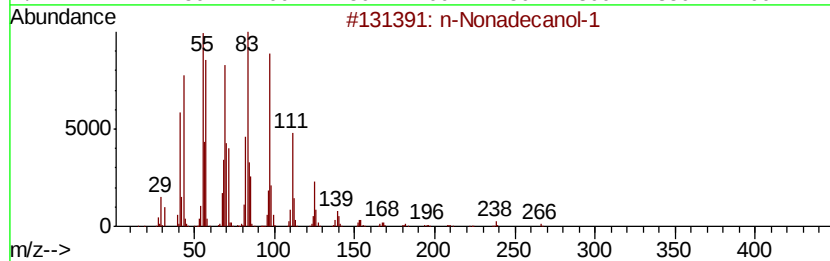
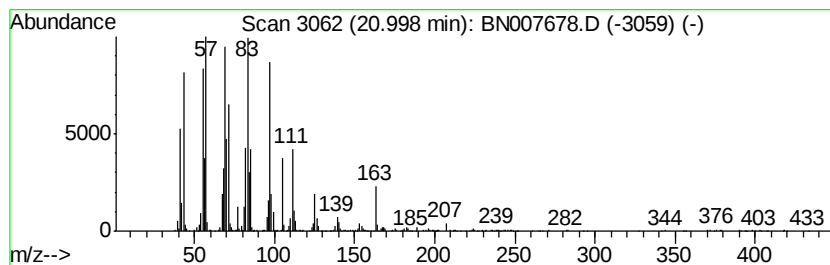
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.98 ng/ul	2360910	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	76	
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	76	
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	76	
4	1-Heptacosanol	396	C27H56O	002004-39-9	76	
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	76	



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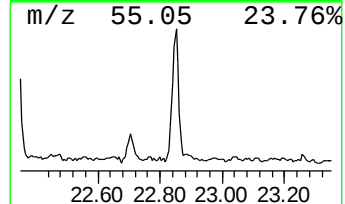
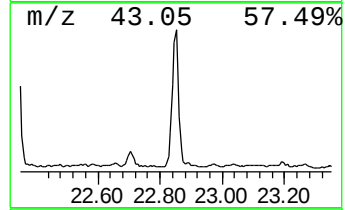
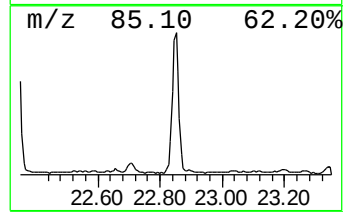
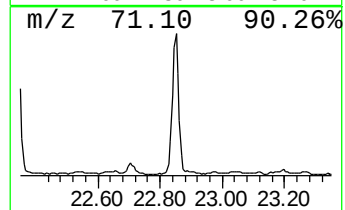
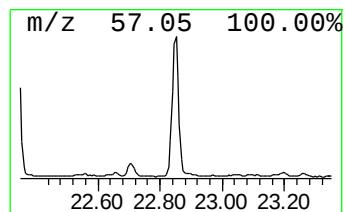
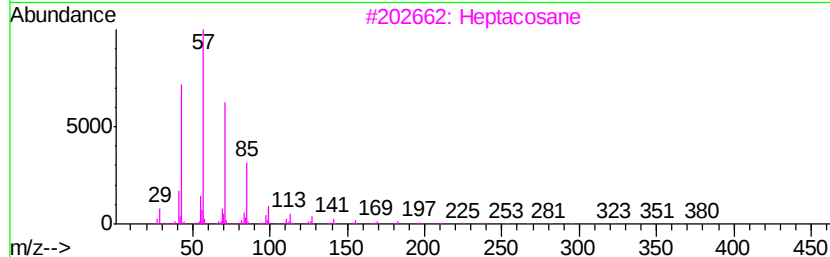
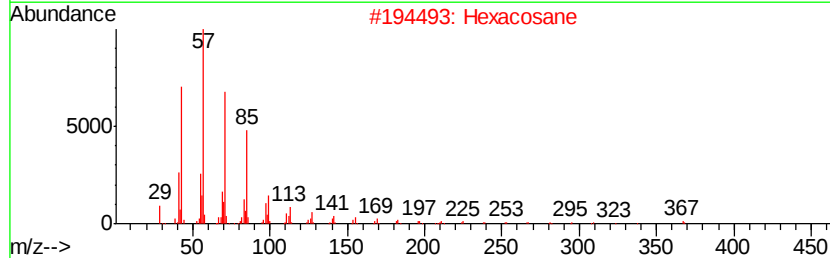
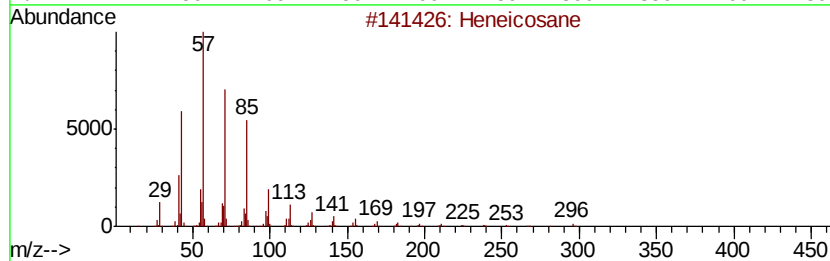
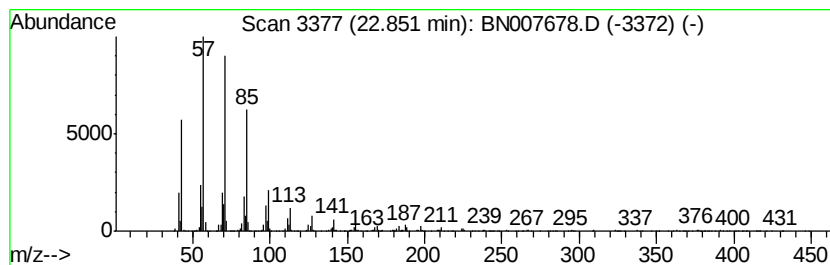
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.51 ng/ul	1459540	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007678.D
Acq On : 16 Sep 2019 22:13
Operator : HP/JU
Sample : K4682-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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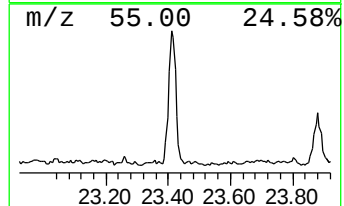
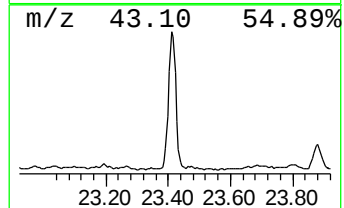
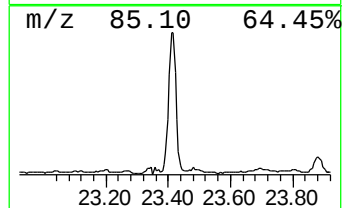
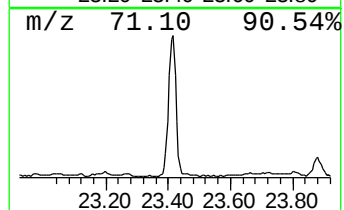
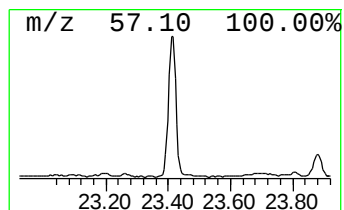
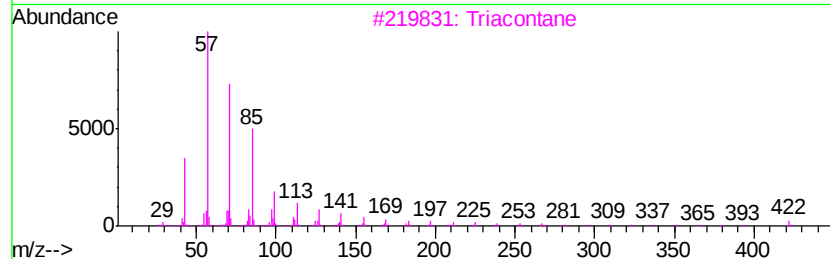
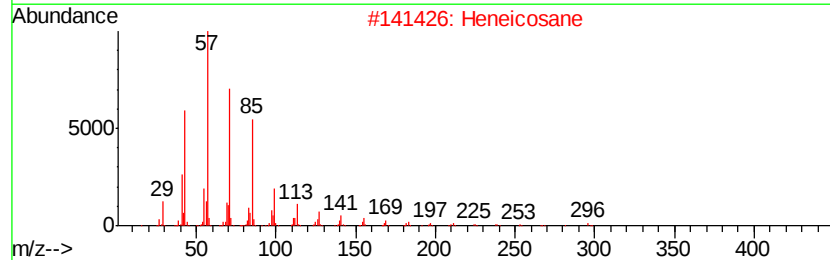
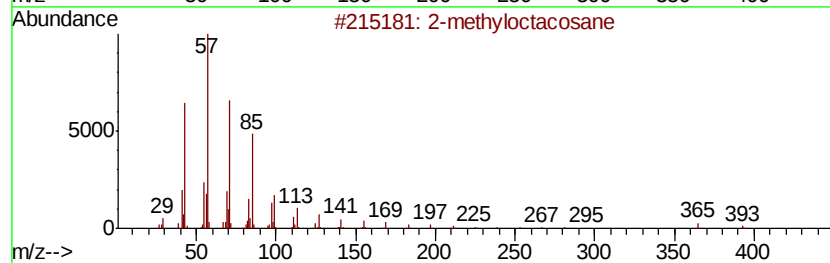
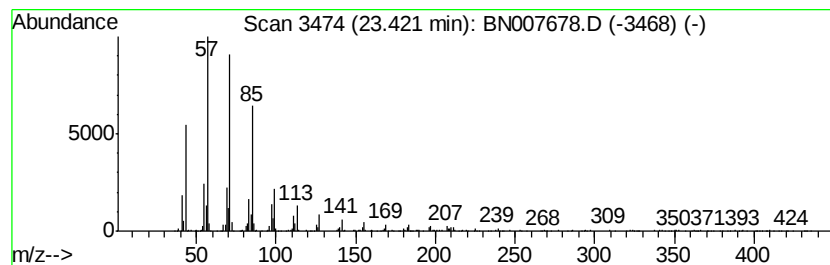
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	3.12 ng/ul	1817140	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Triacontane	422	C30H62	000638-68-6	91
4			6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	90
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007678.D
Acq On : 16 Sep 2019 22:13
Operator : HP/JU
Sample : K4682-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0BL7

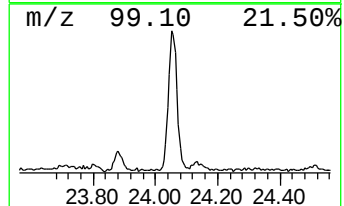
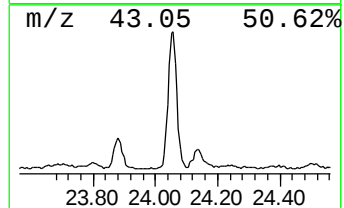
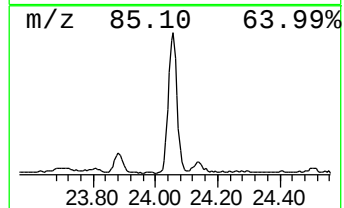
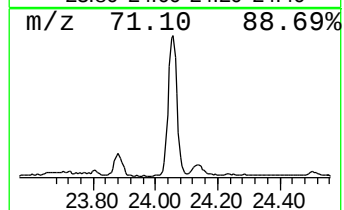
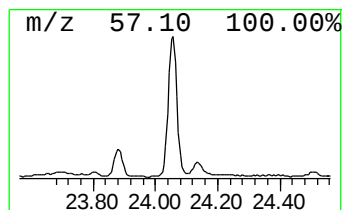
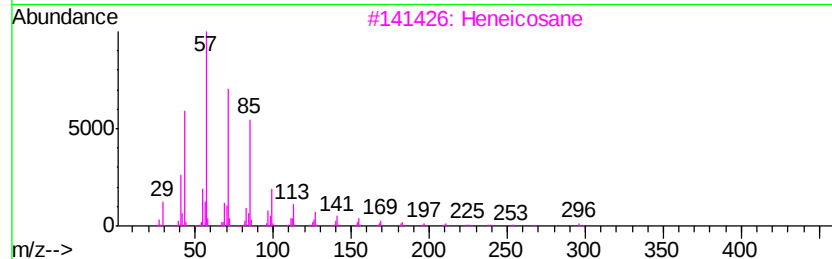
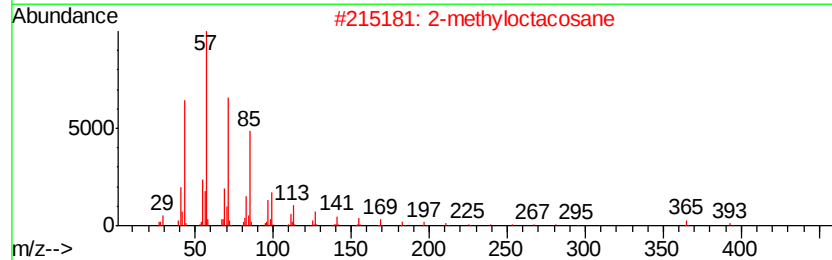
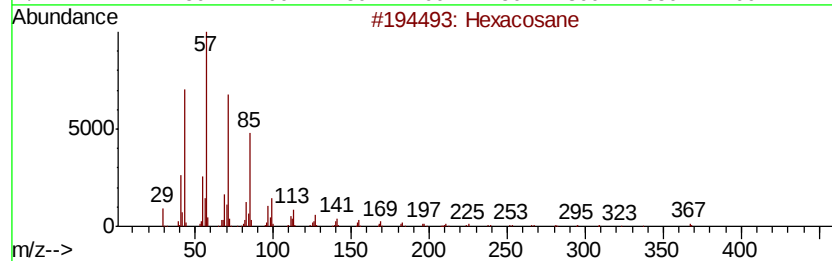
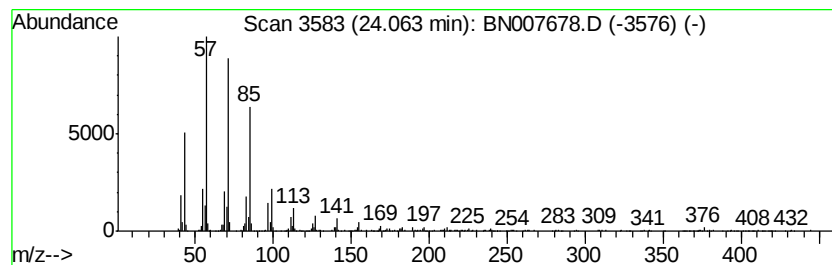
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.91 ng/ul	1692550	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		2-methyltetracosane	352	C25H52	1000376-72-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007678.D
Acq On : 16 Sep 2019 22:13
Operator : HP/JU
Sample : K4682-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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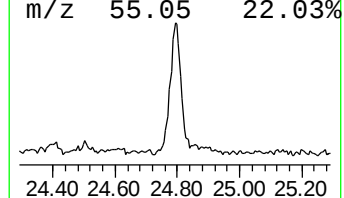
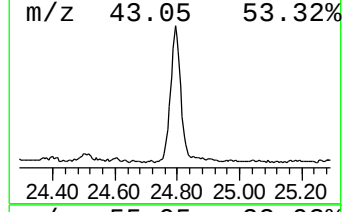
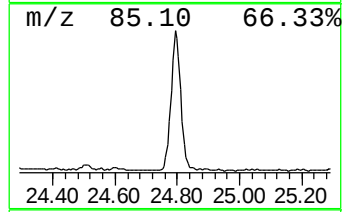
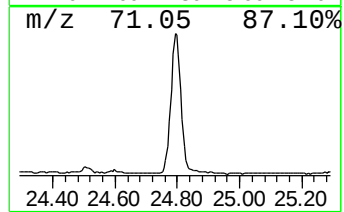
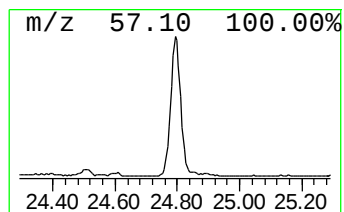
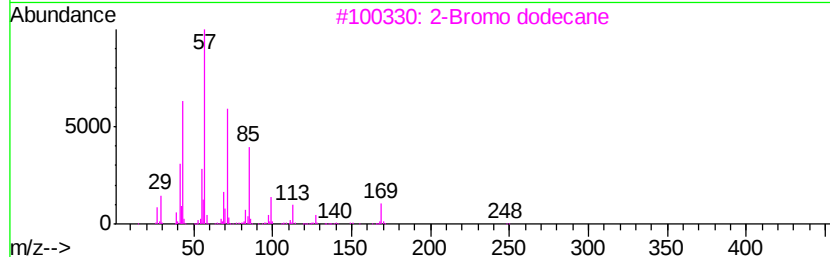
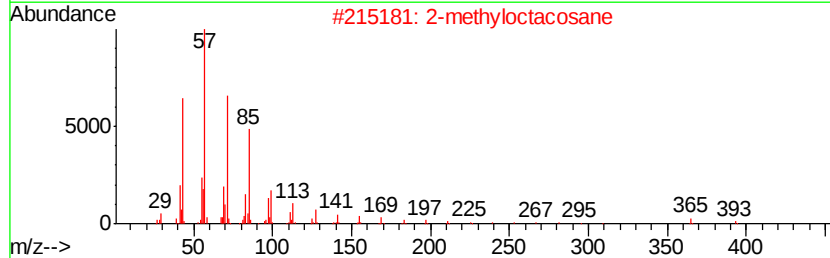
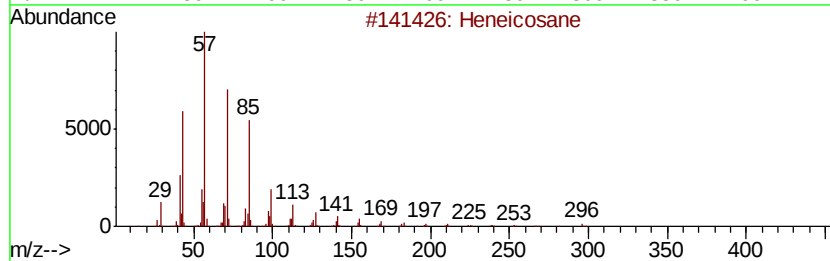
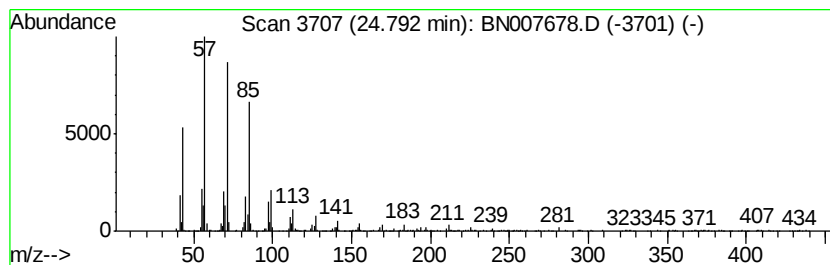
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
24.79	2.53 ng/ul	1468910	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
4		Heptadecane	240	C17H36	000629-78-7	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007678.D
Acq On : 16 Sep 2019 22:13
Operator : HP/JU
Sample : K4682-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0BL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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
Butane, 2-methoxy...	3.02	35.3	ng/ul	7176270	1	7.70	4066360	20.0
n-Hexadecanoic acid	17.99	3.5	ng/ul	1835640	4	17.07	10412800	20.0
n-Nonadecanol-1	21.00	4.0	ng/ul	2360910	5	21.27	11870900	20.0
(DEL) Alkane: Str...	22.85	2.5	ng/ul	1459540	6	23.49	11630600	20.0
(DEL) Alkane: Str...	23.42	3.1	ng/ul	1817140	6	23.49	11630600	20.0
(DEL) Alkane: Str...	24.06	2.9	ng/ul	1692550	6	23.49	11630600	20.0
(DEL) Alkane: Str...	24.79	2.5	ng/ul	1468910	6	23.49	11630600	20.0