

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
 Data File : BM023981.D
 Acq On : 03 Dec 2019 22:02
 Operator : JU
 Sample : K5914-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNS7

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-BM112719MA.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	2.946	6	10	22	rVB	3978971	4384390	59.10%	4.867%
2	3.234	57	59	60	rBV	13399	10098	0.14%	0.011%
3	3.263	61	64	74	rVB	227393	298365	4.02%	0.331%
4	3.646	125	129	136	rVB	42701	73789	0.99%	0.082%
5	3.728	140	143	147	rVB2	24332	30253	0.41%	0.034%
6	3.881	166	169	175	rBV	49540	80872	1.09%	0.090%
7	3.934	175	178	189	rVV	61851	112066	1.51%	0.124%
8	4.034	191	195	199	rVV	53065	75627	1.02%	0.084%
9	4.075	199	202	211	rVB	42354	79965	1.08%	0.089%
10	4.281	233	237	241	rVB5	11706	17303	0.23%	0.019%
11	4.363	247	251	255	rBV	92852	115511	1.56%	0.128%
12	4.640	294	298	300	rBV	45406	67107	0.90%	0.074%
13	4.875	334	338	341	rBV4	12223	16518	0.22%	0.018%
14	4.969	349	354	358	rBV2	47315	67509	0.91%	0.075%
15	6.304	579	581	588	rVB7	6898	10938	0.15%	0.012%
16	6.669	636	643	656	rBV	1019934	1793141	24.17%	1.991%
17	6.828	664	670	690	rVB	913084	1491614	20.11%	1.656%
18	7.016	695	702	714	rBV	1263154	1967740	26.52%	2.184%
19	7.481	774	781	792	rBV	1347825	2120376	28.58%	2.354%
20	7.569	792	796	802	rVB4	11373	20811	0.28%	0.023%
21	7.998	863	869	875	rVB4	23508	37677	0.51%	0.042%
22	8.093	879	885	889	rBV7	12789	21950	0.30%	0.024%
23	8.198	896	903	917	rBV	1399284	2296417	30.95%	2.549%
24	8.310	917	922	928	rVB2	27826	49070	0.66%	0.054%
25	8.634	969	977	985	rBV	1067522	1814754	24.46%	2.015%
26	8.704	986	989	995	rVB4	19782	34152	0.46%	0.038%
27	8.798	999	1005	1007	rBV5	11821	20964	0.28%	0.023%
28	9.075	1046	1052	1057	rBV	21669	35096	0.47%	0.039%
29	9.351	1091	1099	1108	rBV	866502	1477564	19.92%	1.640%
30	9.887	1183	1190	1210	rBV	1449859	2510934	33.85%	2.788%
31	10.251	1245	1252	1266	rVB	1787006	2951597	39.78%	3.277%
32	10.398	1270	1277	1296	rBV	1088889	2188481	29.50%	2.430%
33	11.863	1519	1526	1532	rVB2	20617	40349	0.54%	0.045%
34	12.751	1674	1677	1683	rVB4	6718	9894	0.13%	0.011%

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35	13.051	1725	1728	1733	rBV7	7300	11075	0.15%	0.012%
36	13.439	1791	1794	1799	rBV5	8022	15090	0.20%	0.017%
37	13.563	1809	1815	1820	rBV	2649504	3633711	48.98%	4.034%
38	13.610	1820	1823	1835	rVB	1044305	1427470	19.24%	1.585%
39	13.827	1853	1860	1870	rBV	2960877	4457988	60.09%	4.949%
40	14.069	1896	1901	1905	rBV7	7868	11250	0.15%	0.012%
41	14.139	1907	1913	1926	rBV	2553272	3840942	51.77%	4.264%
42	14.374	1947	1953	1973	rBV	669919	1390047	18.74%	1.543%
43	14.592	1984	1990	1997	rVB7	37984	74572	1.01%	0.083%
44	15.033	2061	2065	2069	rVB5	8325	12142	0.16%	0.013%
45	15.145	2077	2084	2095	rBV	3936158	5633130	75.93%	6.254%
46	15.286	2102	2108	2121	rBV	890759	1319004	17.78%	1.464%
47	15.386	2121	2125	2133	rVB	46033	69276	0.93%	0.077%
48	15.545	2146	2152	2156	rBV6	25507	39091	0.53%	0.043%
49	15.586	2156	2159	2163	rVB4	14402	17755	0.24%	0.020%
50	15.716	2178	2181	2184	rBV5	7339	10741	0.14%	0.012%
51	15.780	2188	2192	2198	rVB2	71575	92157	1.24%	0.102%
52	15.898	2209	2212	2213	rBV3	8833	10328	0.14%	0.011%
53	15.927	2213	2217	2224	rVB8	16249	29160	0.39%	0.032%
54	16.068	2239	2241	2245	rVB3	8811	9128	0.12%	0.010%
55	16.151	2250	2255	2258	rBV4	8761	13074	0.18%	0.015%
56	16.339	2284	2287	2292	rBV5	8209	11143	0.15%	0.012%
57	16.580	2325	2328	2330	rVB4	7555	7892	0.11%	0.009%
58	16.686	2342	2346	2351	rBV4	19756	28577	0.39%	0.032%
59	16.898	2375	2382	2392	rBV	2943380	4196970	56.57%	4.659%
60	16.998	2392	2399	2411	rVV	4125447	6012860	81.05%	6.675%
61	17.104	2413	2417	2423	rVB8	39281	63744	0.86%	0.071%
62	17.315	2446	2453	2462	rBV10	28337	59758	0.81%	0.066%
63	17.427	2469	2472	2475	rVB4	7067	9157	0.12%	0.010%
64	17.774	2530	2531	2534	rBV3	6770	7496	0.10%	0.008%
65	17.821	2534	2539	2548	rBV	349099	554850	7.48%	0.616%
66	18.115	2586	2589	2593	rVB6	12424	18737	0.25%	0.021%
67	18.192	2597	2602	2607	rVV	80129	109307	1.47%	0.121%
68	18.251	2609	2612	2617	rVB6	27553	36089	0.49%	0.040%
69	18.610	2671	2673	2675	rBV3	8357	8318	0.11%	0.009%
70	18.762	2696	2699	2703	rBV6	16622	25971	0.35%	0.029%
71	18.939	2725	2729	2732	rBV	46724	61617	0.83%	0.068%

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72	19.115	2755	2759	2765	rBV3	104606	160529	2.16%	0.178%
73	19.186	2768	2771	2775	rVB	46566	63353	0.85%	0.070%
74	19.304	2785	2791	2806	rBV	5006144	6800491	91.66%	7.550%
75	19.886	2887	2890	2893	rVB	79127	84311	1.14%	0.094%
76	20.521	2995	2998	3002	rBV3	82073	87307	1.18%	0.097%
77	20.756	3035	3038	3044	rVB3	152867	195899	2.64%	0.217%
78	20.851	3049	3054	3061	rVV	962861	1287686	17.36%	1.430%
79	20.962	3070	3073	3079	rVB	230202	256452	3.46%	0.285%
80	21.103	3092	3097	3108	rBV	3703631	4591994	61.90%	5.098%
81	21.709	3196	3200	3209	rBV2	809963	1371114	18.48%	1.522%
82	22.268	3293	3295	3301	rVB	250132	295607	3.98%	0.328%
83	22.368	3309	3312	3317	rVB3	253007	328735	4.43%	0.365%
84	22.633	3354	3357	3362	rVB	477195	584392	7.88%	0.649%
85	23.115	3433	3439	3445	rBV	4364110	7418919	100.00%	8.236%
86	23.250	3456	3462	3468	rBV	2859162	4965696	66.93%	5.513%
87	26.480	4006	4011	4020	rVB3	793306	1932989	26.05%	2.146%

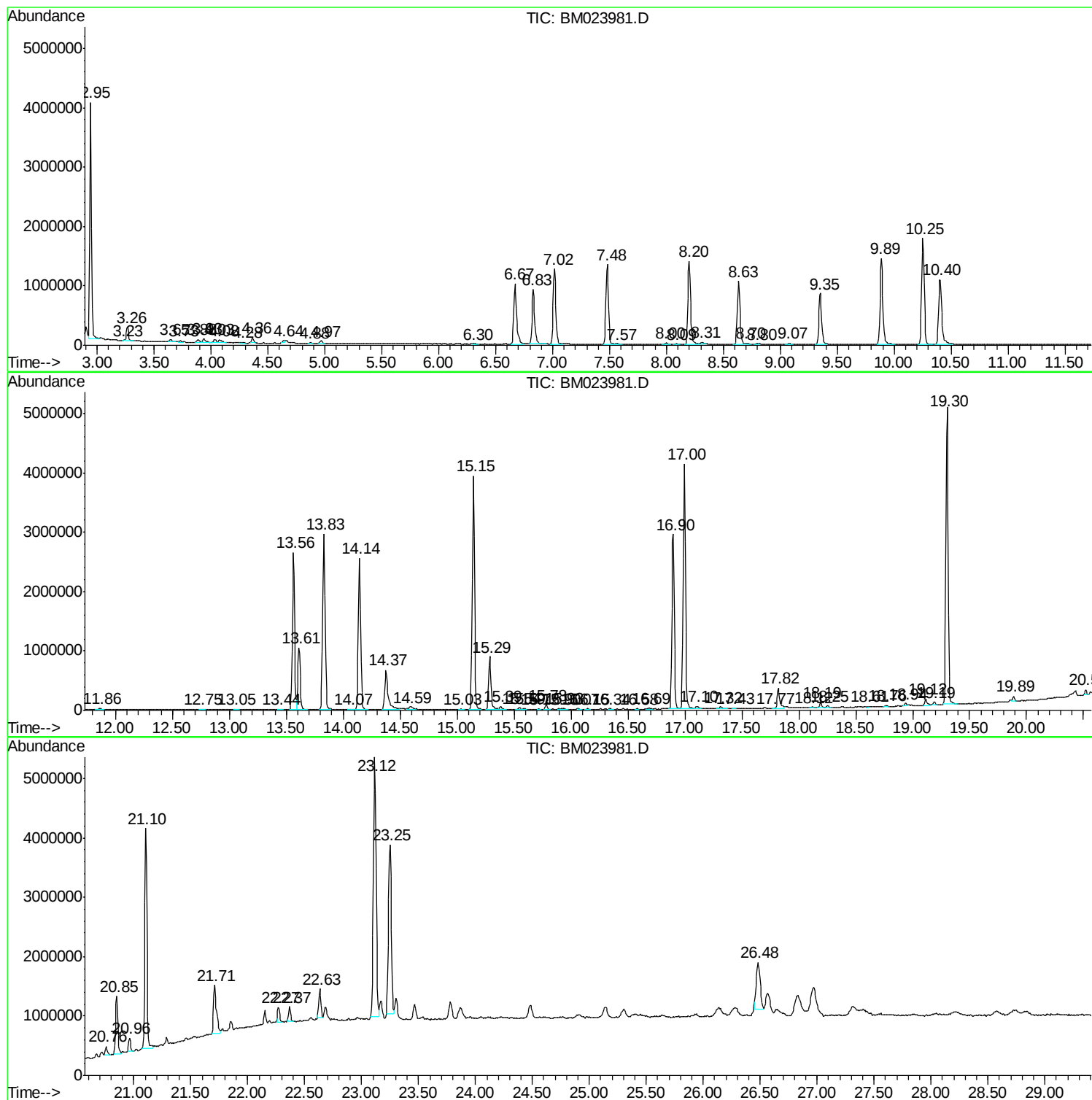
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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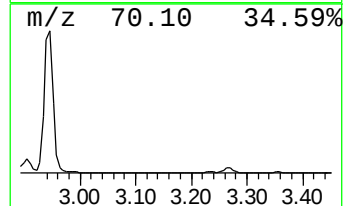
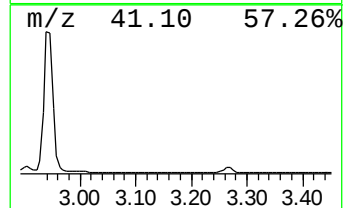
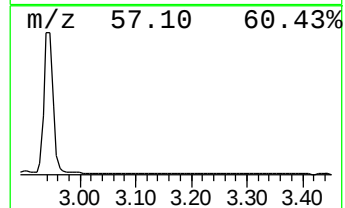
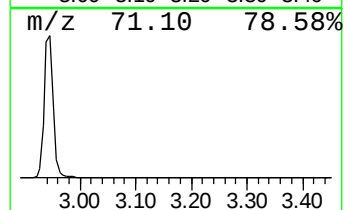
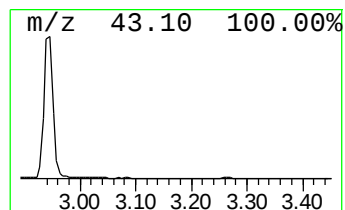
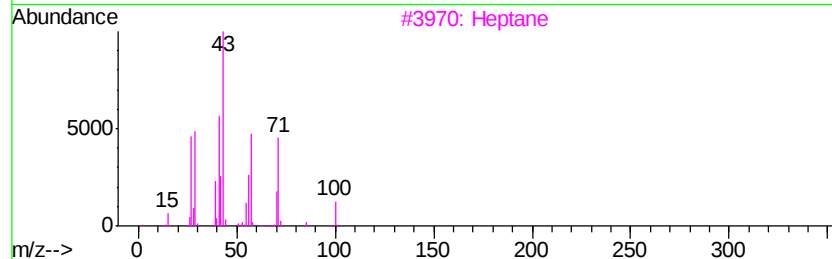
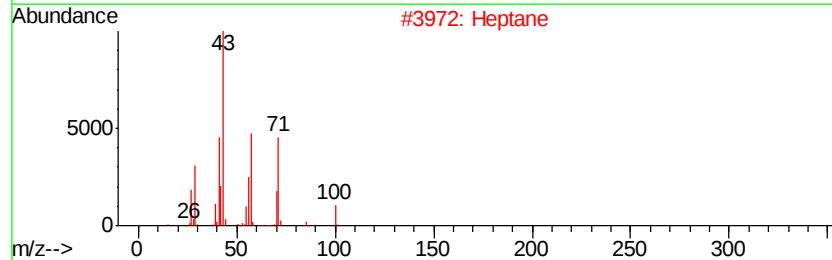
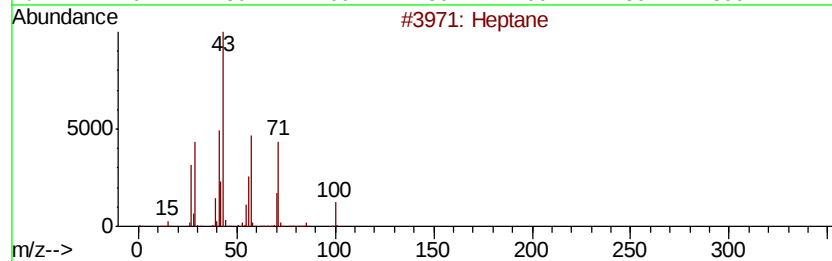
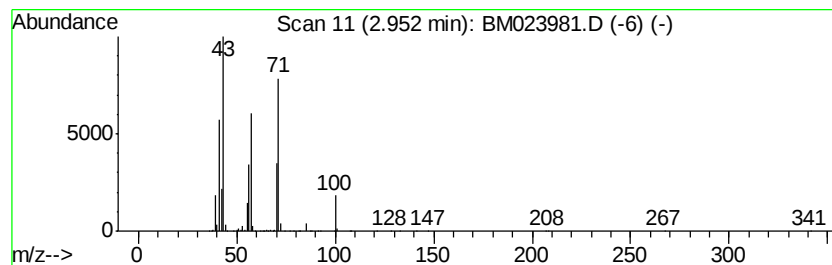
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	41.35 ng/ul	4384390	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	91
3		Heptane	100	C7H16	000142-82-5	91
4		Heptane	100	C7H16	000142-82-5	90
5		Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	50



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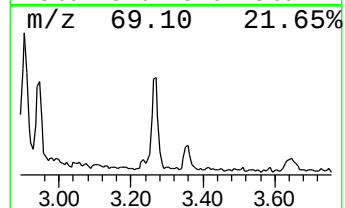
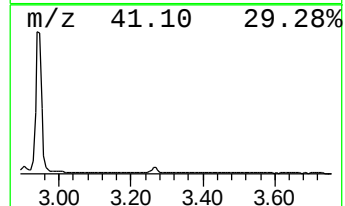
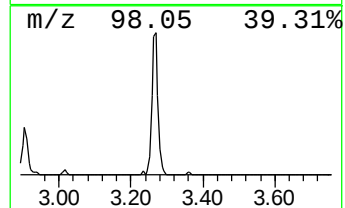
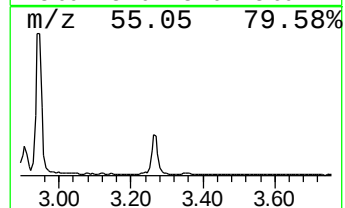
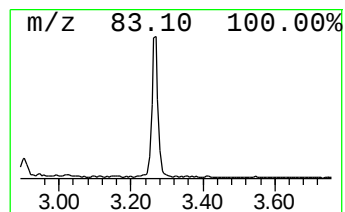
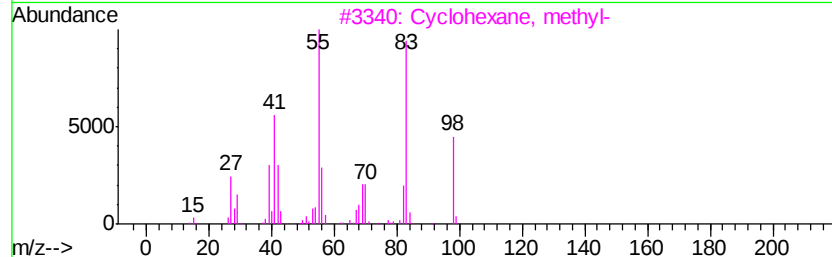
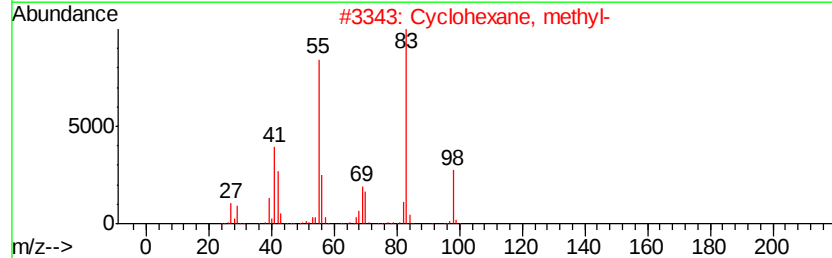
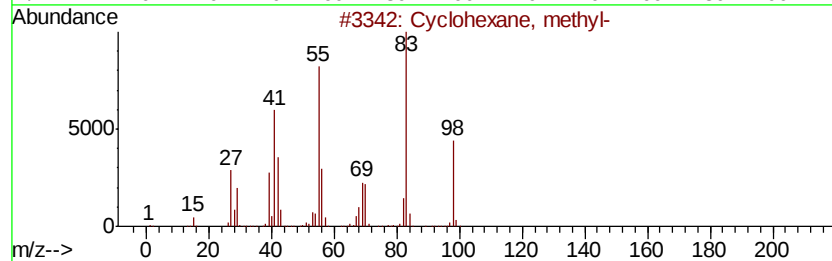
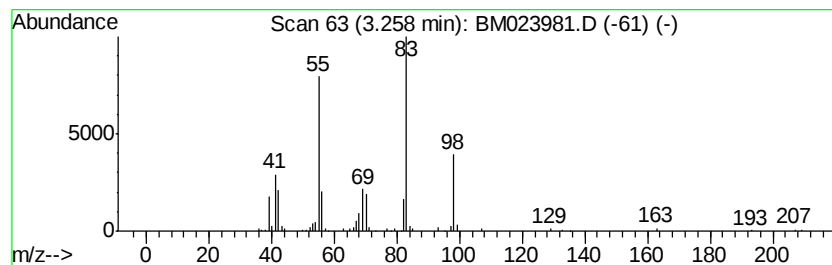
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic3.26 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	2.81 ng/ul	298365	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2		Cyclohexane, methyl-	98	C7H14	000108-87-2	91
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	76
4		Cyclohexane, methyl-	98	C7H14	000108-87-2	76
5		1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	64



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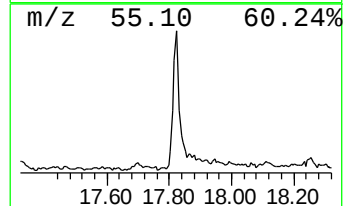
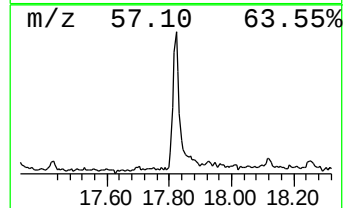
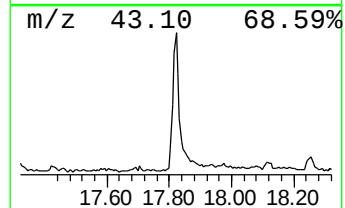
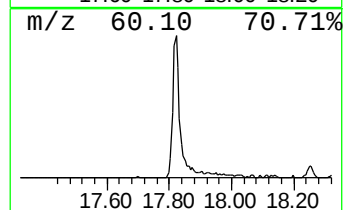
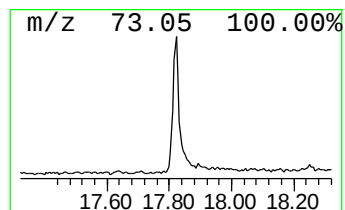
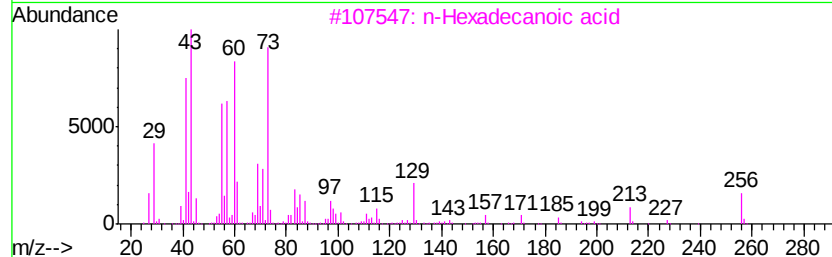
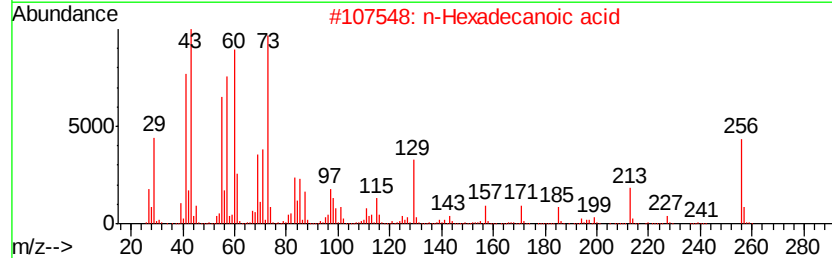
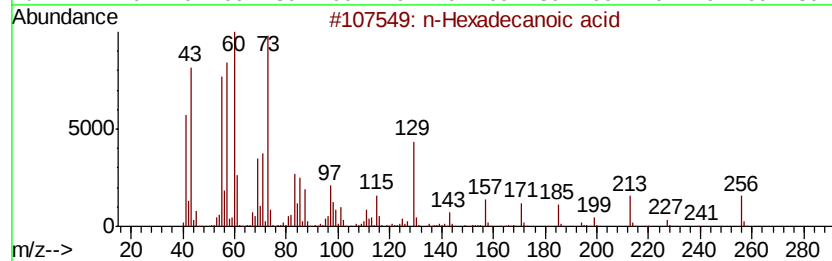
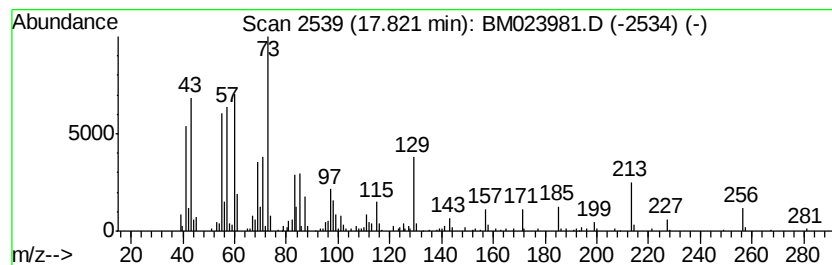
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.64 ng/ul	554850	Phenanthrene-d10	16.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60	



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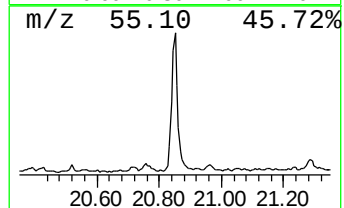
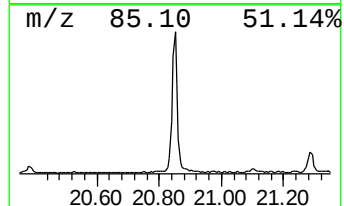
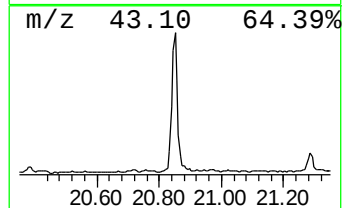
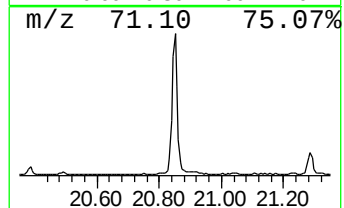
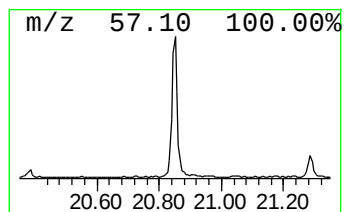
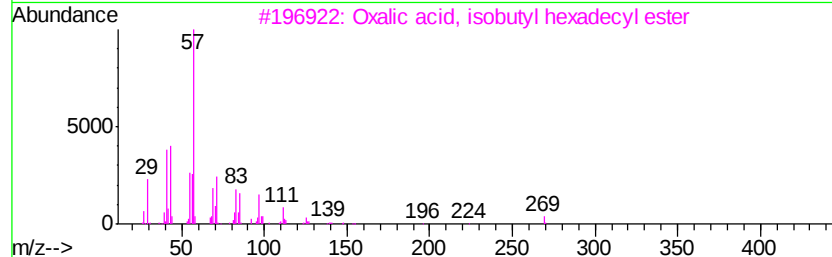
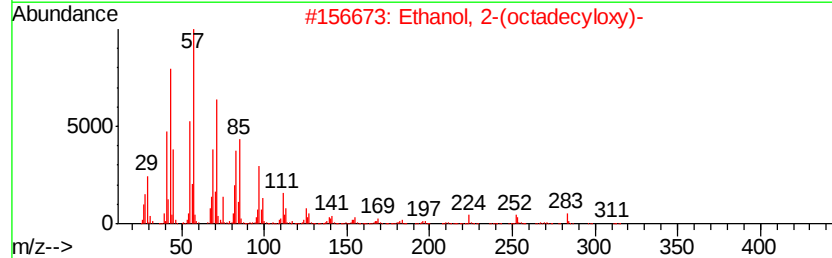
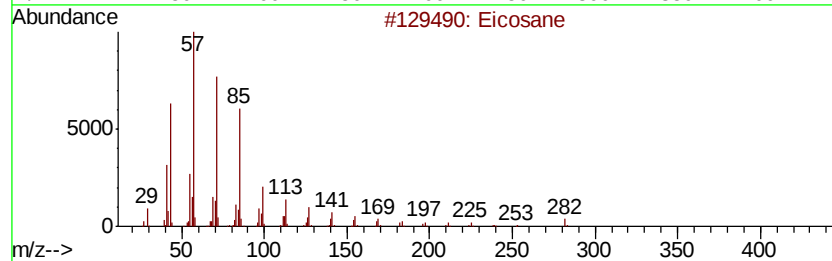
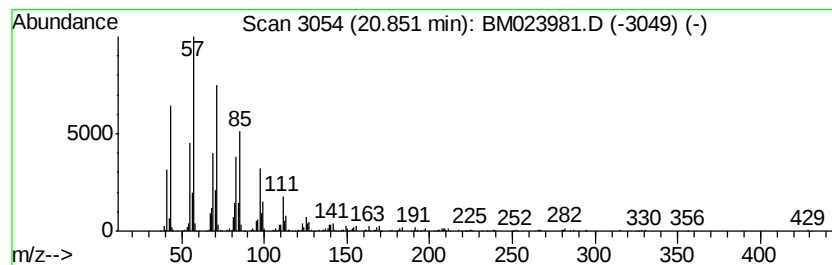
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	5.61 ng/ul	1287690	Chrysene-d12	21.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	92
2			Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
3			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	62
4			Eicosane	282	C20H42	000112-95-8	60
5			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023981.D
Acq On : 03 Dec 2019 22:02
Operator : JU
Sample : K5914-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNS7

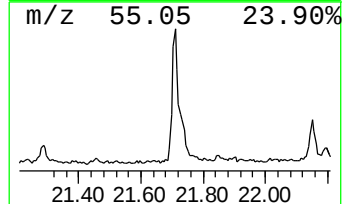
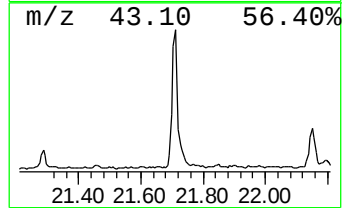
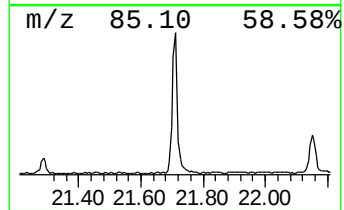
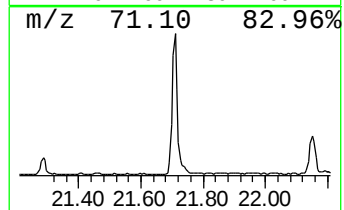
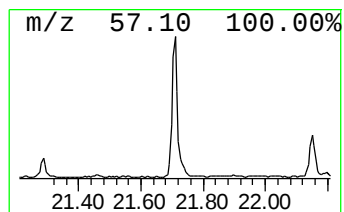
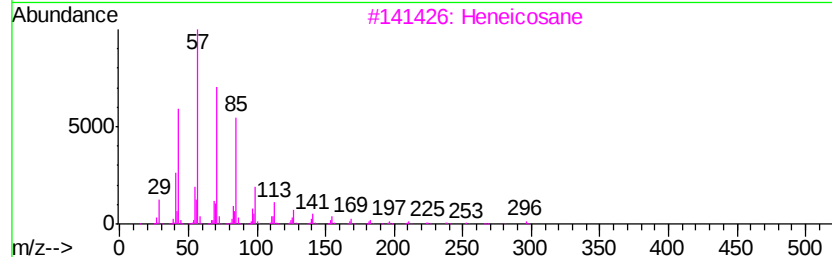
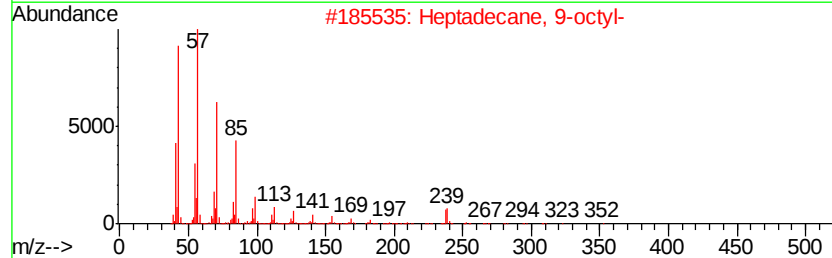
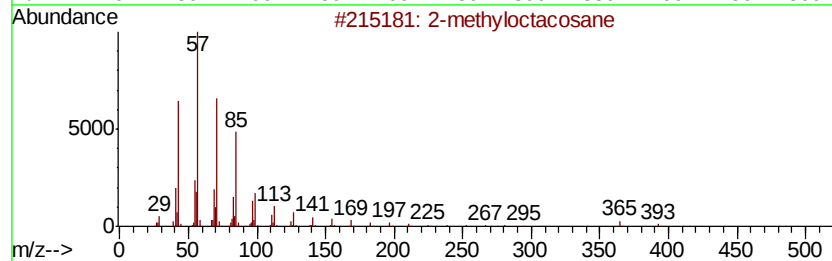
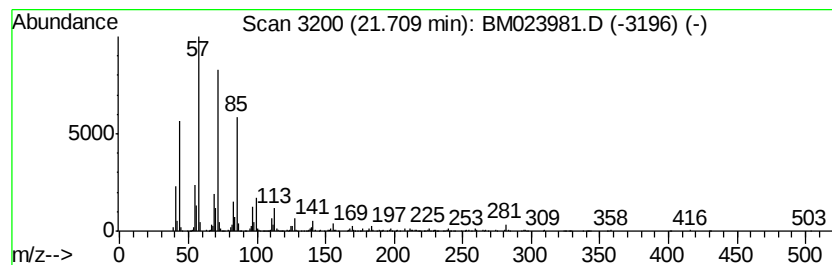
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	5.97 ng/ul	1371110	Chrysene-d12	21.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023981.D
Acq On : 03 Dec 2019 22:02
Operator : JU
Sample : K5914-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNS7

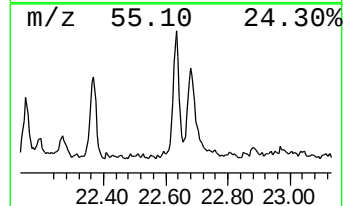
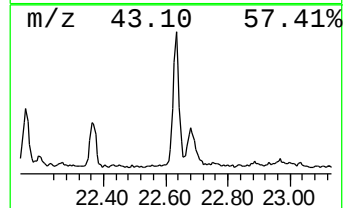
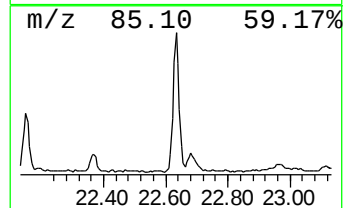
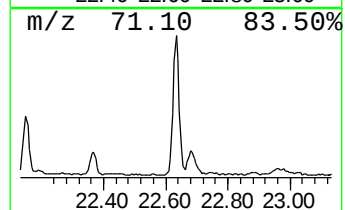
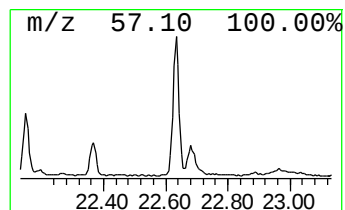
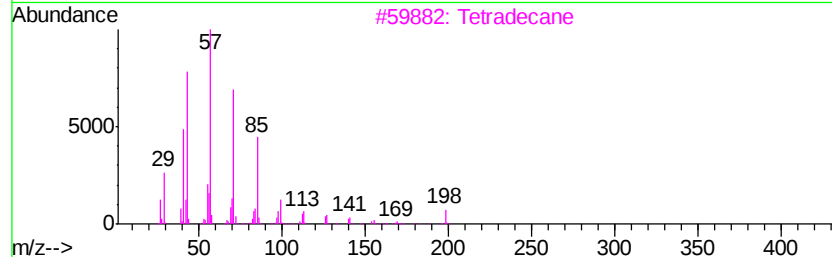
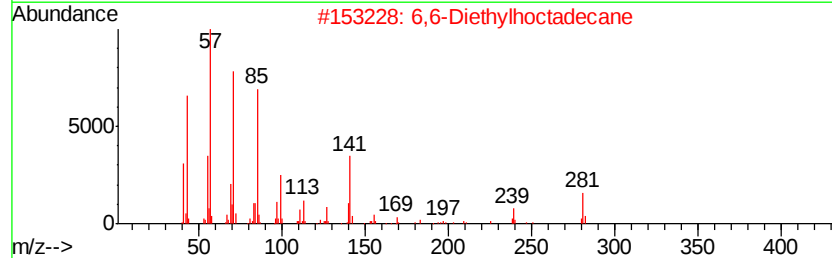
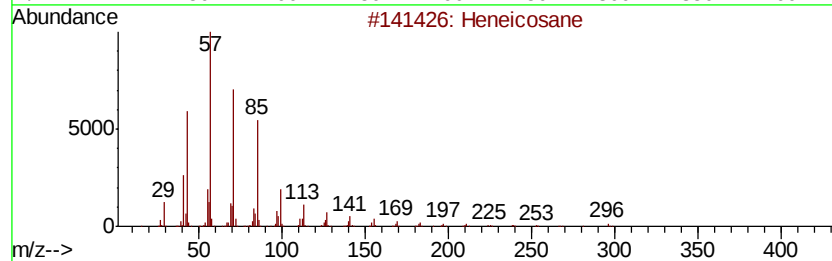
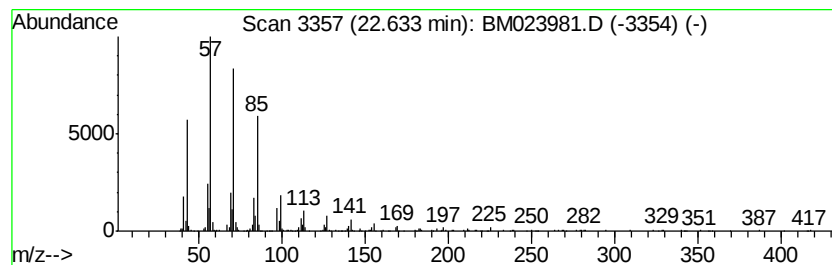
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.35 ng/ul	584392	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		6,6-Diethyloctadecane	310	C22H46	1000360-41-8	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Nonadecane	268	C19H40	000629-92-5	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023981.D
Acq On : 03 Dec 2019 22:02
Operator : JU
Sample : K5914-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

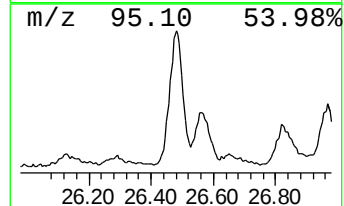
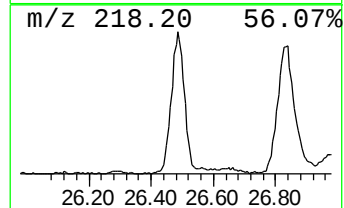
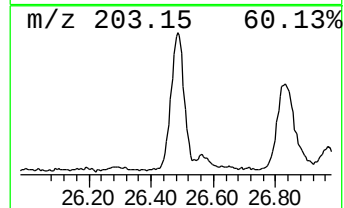
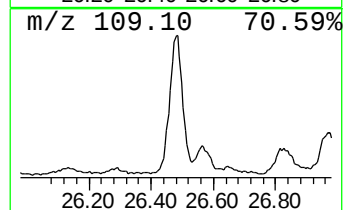
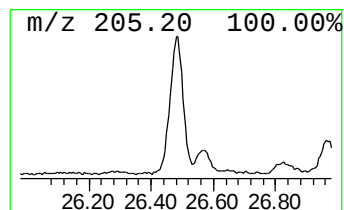
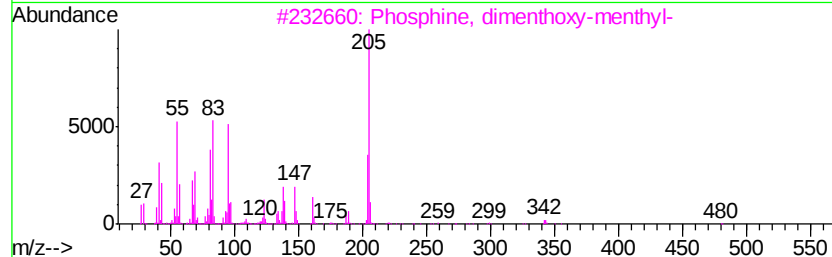
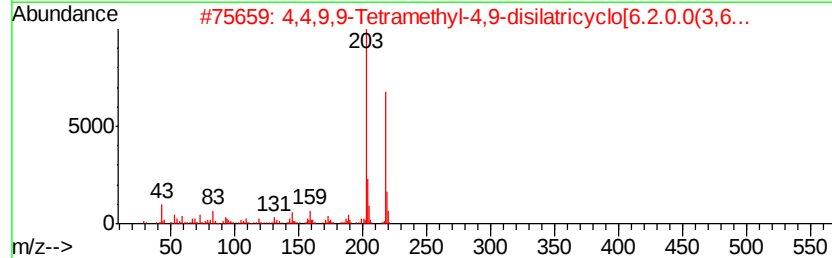
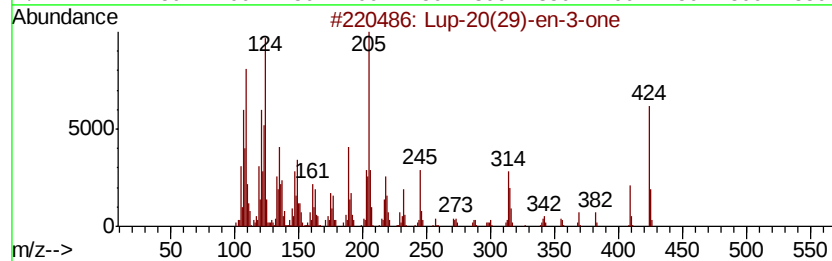
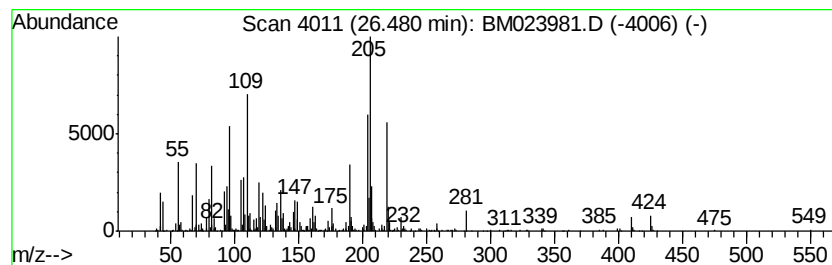
Instrument :
BNA_M
ClientSampleId :
JLNS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.48	7.79 ng/ul	1932990	Perylene-d12	23.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Lup-20(29)-en-3-one	424 C30H48O	001617-70-5 43
2		4,4,9,9-Tetramethyl-4,9-disilatr...	218 C12H18Si2	1000280-67-7 35
3		Phosphine, dimenthoxy-menthyl-	480 C30H57O2P	123973-40-0 30
4		Benzenamine, 3,5-bis(1,1-dimethy...	205 C14H23N	002380-36-1 22
5		3a-Methyl-3,3a-dihydropyrrolo[3,...	218 C11H10N2OS	017163-68-7 20



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120319\
Data File : BM023981.D
Acq On : 03 Dec 2019 22:02
Operator : JU
Sample : K5914-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
(DEL) Alkane: Str...	2.95	41.4	ng/ul	4384390	1	7.48	2120380	20.0
(DEL) Alkane: Cyc...	3.26	2.8	ng/ul	298365	1	7.48	2120380	20.0
n-Hexadecanoic acid	17.82	2.6	ng/ul	554850	4	16.90	4196970	20.0
(DEL) Alkane: Str...	20.85	5.6	ng/ul	1287690	5	21.10	4591990	20.0
(DEL) Alkane: Str...	21.71	6.0	ng/ul	1371110	5	21.10	4591990	20.0
(DEL) Alkane: Str...	22.63	2.4	ng/ul	584392	6	23.25	4965700	20.0
unknown-01	26.48	7.8	ng/ul	1932990	6	23.25	4965700	20.0