

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019498.D
 Acq On : 27 Mar 2019 08:06
 Operator : JU/SJ
 Sample : K2031-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5S2

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-BM032219MA.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	3.146	24	27	35	rVB	51122	65794	3.07%	0.250%
2	3.557	94	97	103	rVB2	9753	13402	0.62%	0.051%
3	3.651	109	113	120	rBV	48815	62909	2.93%	0.239%
4	3.722	123	125	126	rVV2	8607	7171	0.33%	0.027%
5	3.740	126	128	134	rVB2	14915	23012	1.07%	0.088%
6	3.904	155	156	159	rBV3	3955	4298	0.20%	0.016%
7	3.969	165	167	171	rBV4	3456	5139	0.24%	0.020%
8	4.187	201	204	207	rBV3	6689	9721	0.45%	0.037%
9	4.393	237	239	245	rVB6	7447	9909	0.46%	0.038%
10	4.740	294	298	301	rBV	26825	39200	1.83%	0.149%
11	4.769	301	303	310	rVB	43260	59886	2.79%	0.228%
12	5.422	411	414	419	rBV5	2703	4799	0.22%	0.018%
13	6.792	641	647	662	rBV	386316	731748	34.09%	2.784%
14	6.957	669	675	689	rBV	328211	560067	26.09%	2.131%
15	7.139	700	706	720	rVB	474182	752739	35.07%	2.864%
16	7.604	777	785	803	rBV	652804	1058545	49.32%	4.027%
17	7.957	841	845	849	rVB5	6214	10282	0.48%	0.039%
18	8.092	865	868	870	rBV3	3497	4375	0.20%	0.017%
19	8.322	898	907	919	rBV	431454	771725	35.96%	2.936%
20	8.439	925	927	936	rVB2	13161	23789	1.11%	0.091%
21	8.775	978	984	998	rBV	374437	663453	30.91%	2.524%
22	8.886	998	1003	1006	rVV6	5971	11987	0.56%	0.046%
23	8.922	1008	1009	1013	rVB3	5223	3543	0.17%	0.013%
24	9.098	1035	1039	1048	rVB3	10408	17109	0.80%	0.065%
25	9.486	1099	1105	1120	rBV	294410	534200	24.89%	2.032%
26	9.751	1144	1150	1154	rBV5	8090	17882	0.83%	0.068%
27	10.022	1189	1196	1220	rBV	405155	821103	38.26%	3.124%
28	10.333	1246	1249	1251	rBV3	3055	3684	0.17%	0.014%
29	10.386	1251	1258	1272	rVB	838113	1397763	65.12%	5.318%
30	10.557	1280	1287	1307	rBV	167576	415916	19.38%	1.582%
31	11.127	1380	1384	1387	rBV5	1986	3608	0.17%	0.014%
32	11.374	1423	1426	1429	rBV3	3711	4566	0.21%	0.017%
33	11.786	1490	1496	1499	rBV5	5732	7753	0.36%	0.029%
34	11.933	1515	1521	1538	rBV	113677	231044	10.76%	0.879%

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35	12.280	1579	1580	1585	rBV3	2868	4275	0.20%	0.016%
36	12.545	1619	1625	1630	rBV5	9568	20029	0.93%	0.076%
37	12.592	1630	1633	1637	rVB4	4269	6837	0.32%	0.026%
38	12.763	1657	1662	1665	rVB5	6307	9017	0.42%	0.034%
39	13.051	1708	1711	1716	rVB3	4442	6333	0.30%	0.024%
40	13.139	1722	1726	1731	rVB3	18397	28096	1.31%	0.107%
41	13.216	1735	1739	1743	rVB7	3710	5548	0.26%	0.021%
42	13.480	1779	1784	1785	rBV3	3180	4374	0.20%	0.017%
43	13.539	1789	1794	1797	rBV5	2518	4967	0.23%	0.019%
44	13.680	1812	1818	1823	rBV	783915	1124337	52.38%	4.278%
45	13.733	1823	1827	1833	rVB	149358	221709	10.33%	0.844%
46	13.957	1859	1865	1874	rBV	943393	1386304	64.59%	5.275%
47	14.080	1880	1886	1891	rVB6	5841	12699	0.59%	0.048%
48	14.145	1891	1897	1902	rBV4	11029	21230	0.99%	0.081%
49	14.210	1905	1908	1910	rBV4	4782	4873	0.23%	0.019%
50	14.268	1911	1918	1925	rBV2	1105118	1676710	78.12%	6.379%
51	14.521	1955	1961	1979	rBV2	117847	366963	17.10%	1.396%
52	14.692	1985	1990	2000	rBV	153265	225691	10.52%	0.859%
53	14.880	2020	2022	2024	rBV3	4129	3426	0.16%	0.013%
54	15.027	2043	2047	2051	rBV2	10661	17622	0.82%	0.067%
55	15.104	2056	2060	2063	rBV2	16627	22542	1.05%	0.086%
56	15.268	2082	2088	2096	rBV	1144616	1689764	78.73%	6.429%
57	15.374	2104	2106	2109	rBV4	6944	5032	0.23%	0.019%
58	15.421	2109	2114	2119	rBV	61304	89076	4.15%	0.339%
59	15.504	2125	2128	2133	rVB4	24454	35612	1.66%	0.135%
60	15.880	2190	2192	2193	rBV2	6288	5093	0.24%	0.019%
61	15.939	2199	2202	2204	rBV4	4231	5200	0.24%	0.020%
62	15.986	2204	2210	2214	rBV3	34812	69667	3.25%	0.265%
63	16.086	2225	2227	2230	rBV4	7387	9079	0.42%	0.035%
64	16.345	2269	2271	2272	rBV2	9222	5924	0.28%	0.023%
65	16.421	2281	2284	2290	rBV3	31878	47159	2.20%	0.179%
66	16.762	2340	2342	2346	rVV4	13741	12267	0.57%	0.047%
67	16.809	2348	2350	2355	rVB5	24901	32122	1.50%	0.122%
68	17.027	2381	2387	2393	rBV2	1218342	1756527	81.84%	6.683%
69	17.121	2398	2403	2412	rVV2	1097939	1625812	75.75%	6.186%
70	17.915	2533	2538	2549	rBV	265573	481605	22.44%	1.832%
71	18.780	2682	2685	2689	rBV2	104660	140405	6.54%	0.534%

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72	19.203	2755	2757	2761	rBV2	97194	108769	5.07%	0.414%
73	19.433	2791	2796	2801	rBV	1363459	1793377	83.55%	6.823%
74	20.927	3047	3050	3055	rBV	520107	567213	26.43%	2.158%
75	21.233	3098	3102	3108	rVB	1709688	2131226	99.30%	8.109%
76	23.450	3475	3479	3487	rVB2	1234396	2146344	100.00%	8.166%

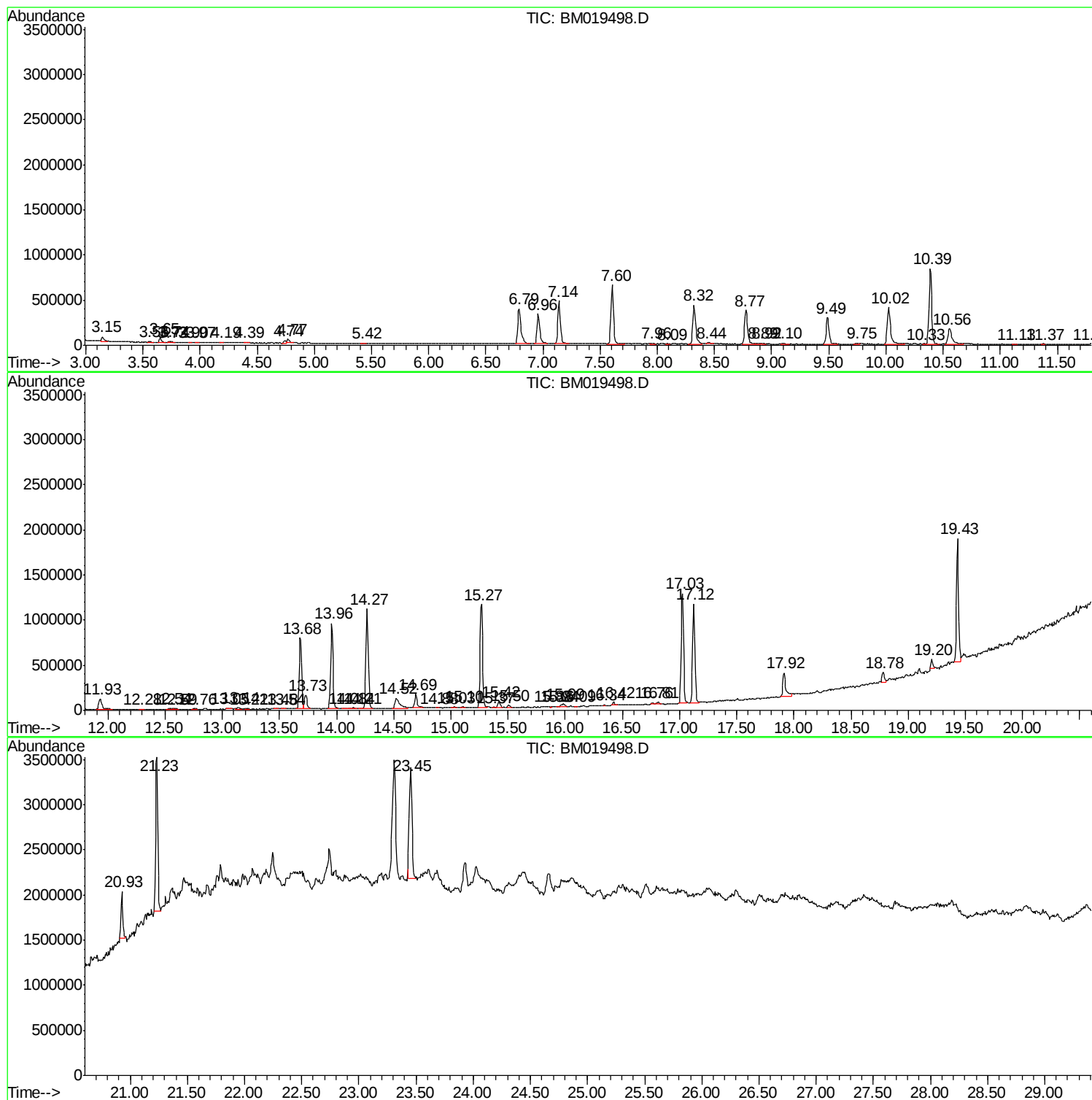
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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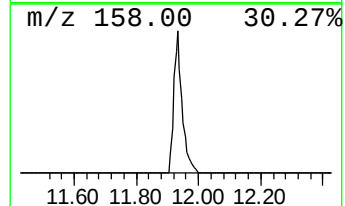
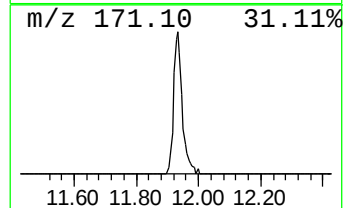
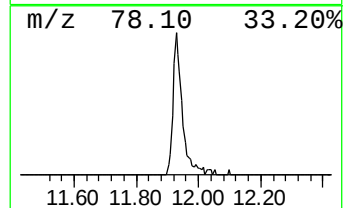
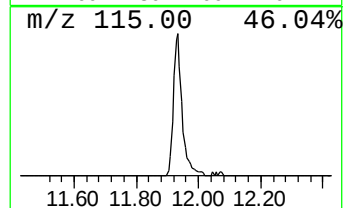
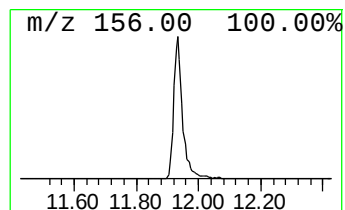
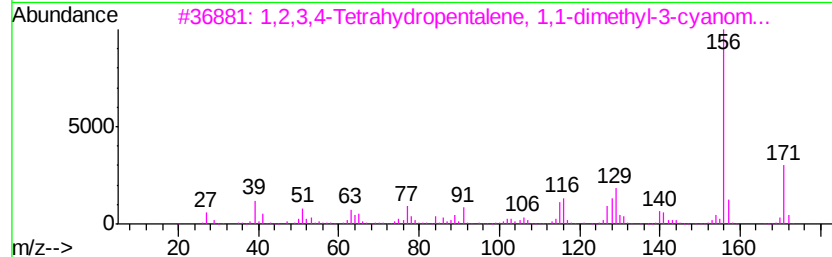
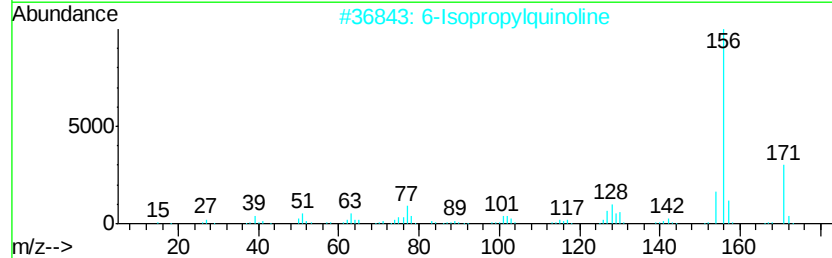
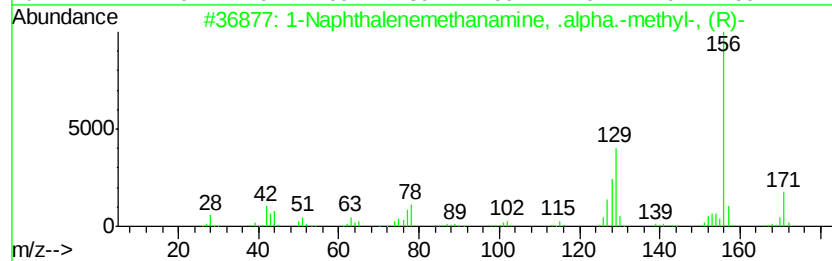
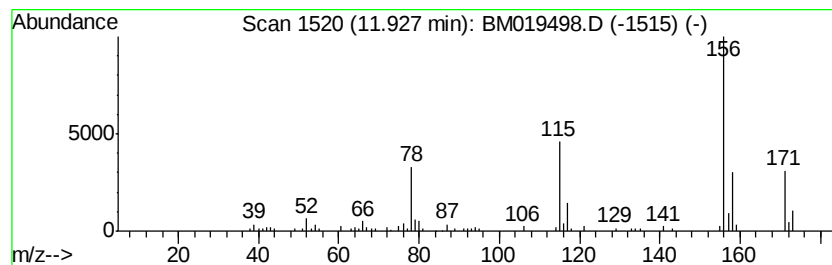
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.31 ng/ul	231044	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	43
2		6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3		1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
4		2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	37
5		Quinoline, 8-propyl-	171	C12H13N	007661-53-2	32



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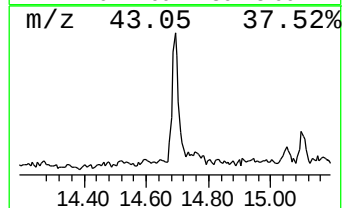
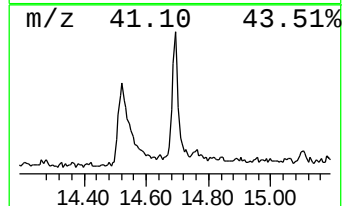
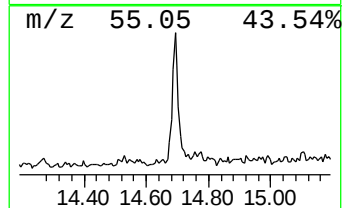
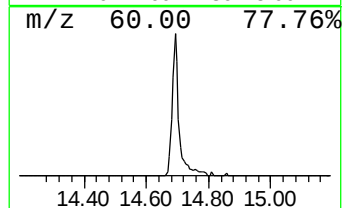
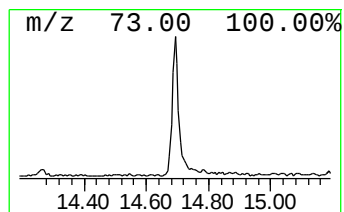
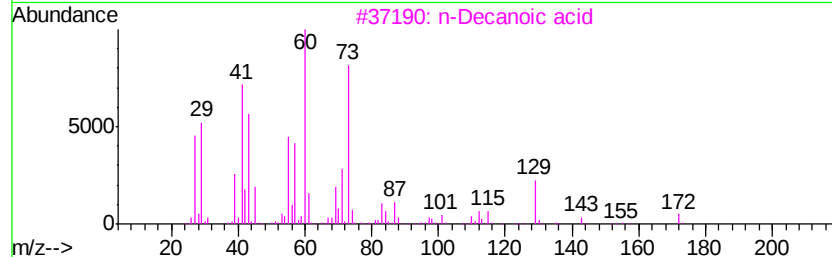
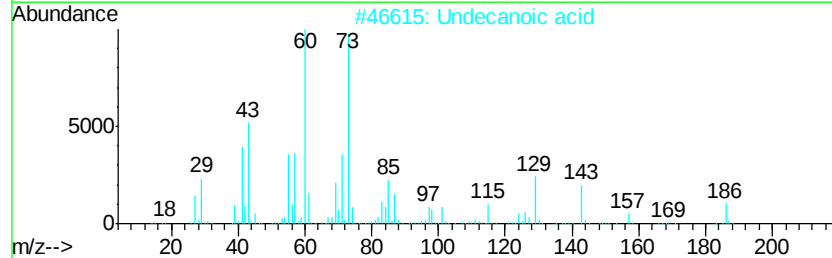
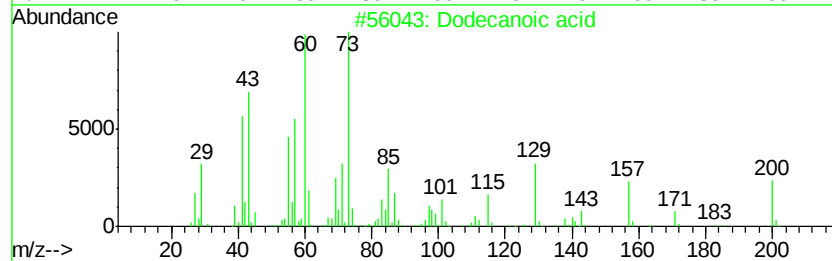
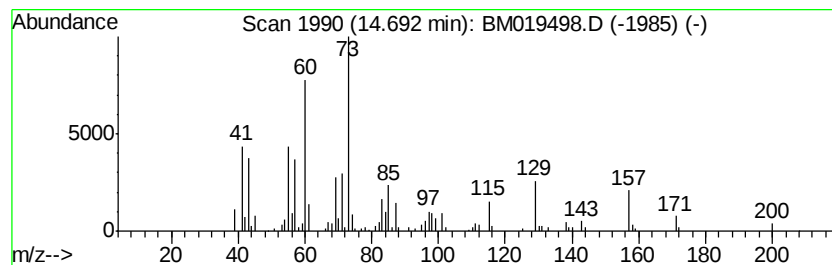
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.69 ng/ul	225691	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	90
2		Undecanoic acid	186	C11H22O2	000112-37-8	86
3		n-Decanoic acid	172	C10H20O2	000334-48-5	81
4		Undecanoic acid	186	C11H22O2	000112-37-8	78
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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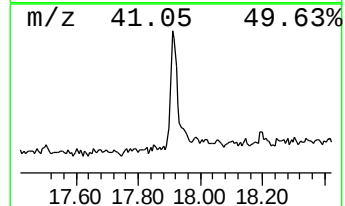
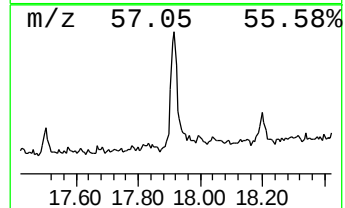
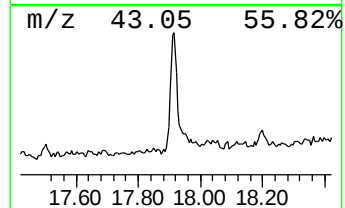
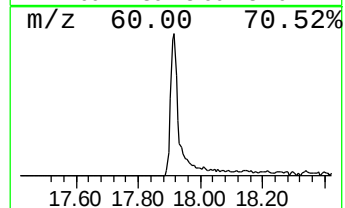
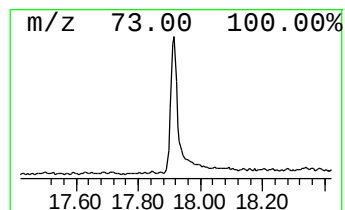
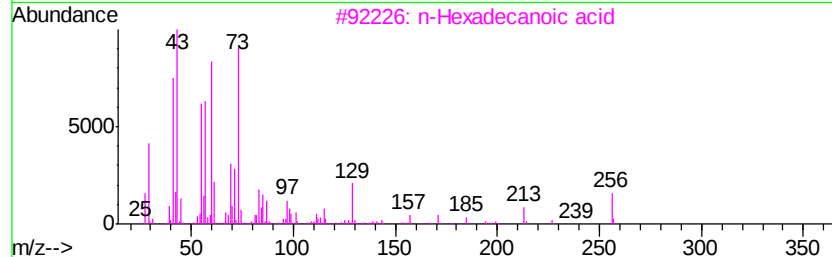
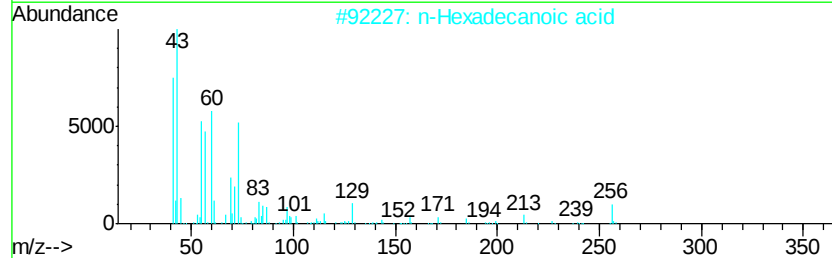
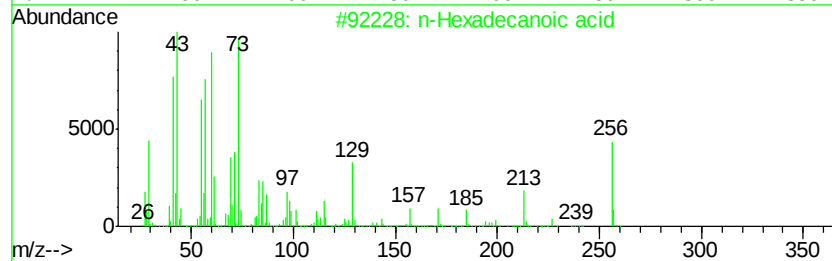
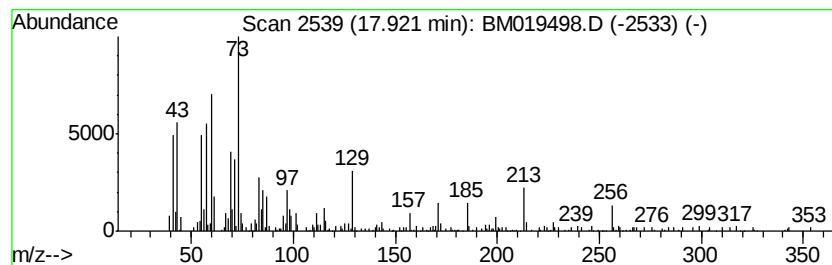
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.92	5.48 ng/ul	481605	Phenanthrene-d10		17.03	
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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52	



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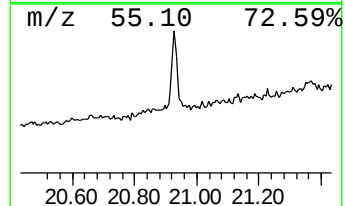
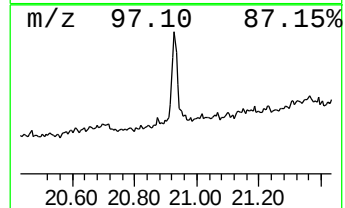
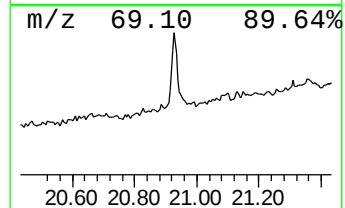
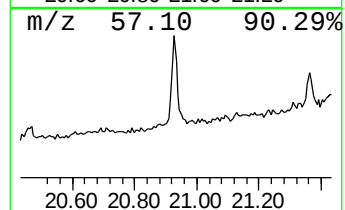
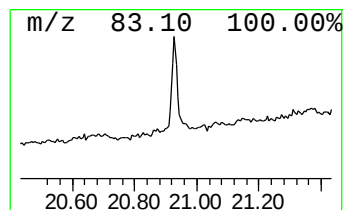
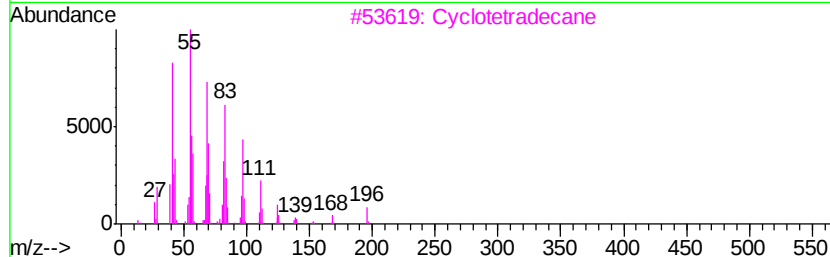
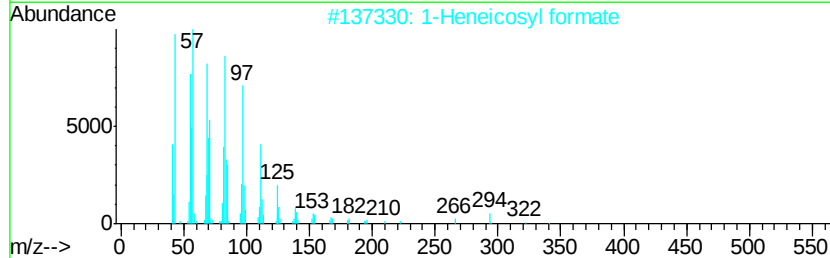
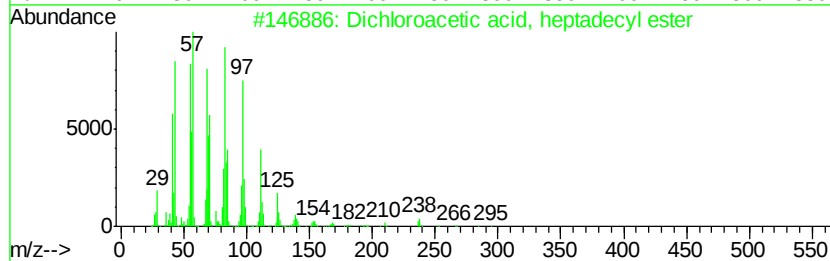
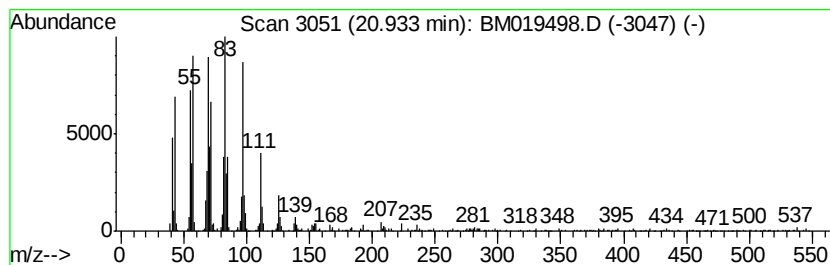
Instrument :
BNA_M
ClientSampleId :
BF5S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.93	5.32 ng/ul	567213	Chrysene-d12	21.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95	
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94	
3	Cyclotetradecane	196	C14H28	000295-17-0	93	
4	1-Docosene	308	C22H44	001599-67-3	91	
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019498.D
Acq On : 27 Mar 2019 08:06
Operator : JU/SJ
Sample : K2031-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
unknown-01	11.93	3.3	ng/ul	231044	2	10.39	1397760	20.0
Dodecanoic acid	14.69	2.7	ng/ul	225691	3	14.27	1676710	20.0
n-Hexadecanoic acid	17.92	5.5	ng/ul	481605	4	17.03	1756530	20.0
Dichloroacetic ac...	20.93	5.3	ng/ul	567213	5	21.23	2131230	20.0