

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024231.D
 Acq On : 24 Dec 2019 00:22
 Operator : JU
 Sample : K6238-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFPZ7

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-BM121719MA.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	2.999	16	19	25	rVB	29403	40239	0.77%	0.065%
2	3.405	85	88	93	rVB4	19501	25428	0.49%	0.041%
3	3.493	99	103	112	rVB	79765	116532	2.23%	0.189%
4	3.563	112	115	118	rVV4	12900	20372	0.39%	0.033%
5	3.605	118	122	132	rVV	29871	64587	1.24%	0.105%
6	3.687	134	136	143	rVB5	16614	24239	0.46%	0.039%
7	4.063	198	200	203	rBV3	7945	12152	0.23%	0.020%
8	4.122	208	210	213	rVB4	6162	6761	0.13%	0.011%
9	4.246	227	231	238	rVB7	13607	29257	0.56%	0.047%
10	4.599	287	291	298	rBV	32669	55773	1.07%	0.091%
11	6.593	625	630	631	rBV4	8542	10582	0.20%	0.017%
12	6.634	631	637	653	rVV	539227	1077337	20.62%	1.749%
13	6.787	657	663	679	rVB	496428	860255	16.47%	1.396%
14	6.969	687	694	708	rBV	656986	1100591	21.07%	1.787%
15	7.428	766	772	784	rBV	957709	1536657	29.42%	2.495%
16	8.157	890	896	910	rBV	468932	870693	16.67%	1.413%
17	8.269	910	915	923	rVB	29719	62994	1.21%	0.102%
18	8.587	962	969	980	rBV	579499	1035958	19.83%	1.682%
19	8.769	995	1000	1007	rVB9	8333	21220	0.41%	0.034%
20	9.022	1037	1043	1047	rVB	19130	28401	0.54%	0.046%
21	9.298	1084	1090	1105	rBV	458590	854682	16.36%	1.387%
22	9.675	1150	1154	1159	rBV6	3494	6925	0.13%	0.011%
23	9.845	1175	1183	1202	rBV	663355	1389600	26.60%	2.256%
24	10.198	1236	1243	1255	rBV	1377320	2304122	44.11%	3.740%
25	10.363	1262	1271	1294	rBV	238517	651749	12.48%	1.058%
26	11.816	1514	1518	1523	rVB4	10074	15528	0.30%	0.025%
27	12.698	1665	1668	1672	rBV4	6248	7514	0.14%	0.012%
28	12.963	1709	1713	1720	rVB7	25415	35982	0.69%	0.058%
29	13.280	1762	1767	1768	rBV5	5631	6805	0.13%	0.011%
30	13.404	1784	1788	1791	rBV5	7106	10377	0.20%	0.017%
31	13.522	1801	1808	1812	rVV	1567925	2278031	43.61%	3.698%
32	13.569	1812	1816	1826	rVV	255860	399646	7.65%	0.649%
33	13.639	1826	1828	1833	rVB3	4505	6511	0.12%	0.011%
34	13.780	1845	1852	1868	rBV	1864524	2725509	52.18%	4.424%

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35	13.945	1876	1880	1886	rVB7	11346	17980	0.34%	0.029%
36	14.016	1889	1892	1898	rVB8	5882	8488	0.16%	0.014%
37	14.092	1898	1905	1914	rBV	2143528	3162847	60.55%	5.134%
38	14.169	1914	1918	1924	rVB7	9555	22036	0.42%	0.036%
39	14.357	1945	1950	1967	rBV	160338	460638	8.82%	0.748%
40	14.516	1972	1977	1980	rVV5	16053	32818	0.63%	0.053%
41	14.551	1980	1983	1988	rVB4	35295	52218	1.00%	0.085%
42	14.716	2008	2011	2017	rVB8	6904	9575	0.18%	0.016%
43	14.922	2043	2046	2047	rBV3	6768	7496	0.14%	0.012%
44	14.945	2047	2050	2054	rVV2	9924	15024	0.29%	0.024%
45	14.980	2054	2056	2060	rVB4	7119	9286	0.18%	0.015%
46	15.016	2060	2062	2067	rBV6	8512	10660	0.20%	0.017%
47	15.098	2069	2076	2085	rBV	2493865	3544923	67.86%	5.755%
48	15.174	2085	2089	2094	rVB2	47631	64208	1.23%	0.104%
49	15.251	2097	2102	2113	rBV	373189	610448	11.69%	0.991%
50	15.339	2113	2117	2122	rVB2	26511	44617	0.85%	0.072%
51	15.545	2147	2152	2155	rBV6	15848	26606	0.51%	0.043%
52	15.686	2171	2176	2181	rBV6	12410	20385	0.39%	0.033%
53	15.739	2181	2185	2189	rBV6	7516	11253	0.22%	0.018%
54	15.851	2200	2204	2206	rBV4	10569	14282	0.27%	0.023%
55	15.886	2206	2210	2217	rVB9	11993	19500	0.37%	0.032%
56	16.016	2227	2232	2238	rVB8	11492	24290	0.46%	0.039%
57	16.292	2275	2279	2285	rBV9	14893	27884	0.53%	0.045%
58	16.368	2285	2292	2295	rVV9	11175	21638	0.41%	0.035%
59	16.416	2295	2300	2305	rVV4	27460	49456	0.95%	0.080%
60	16.463	2305	2308	2312	rVV	14016	21487	0.41%	0.035%
61	16.521	2315	2318	2327	rVB8	14654	29384	0.56%	0.048%
62	16.639	2333	2338	2342	rVV2	22889	37270	0.71%	0.061%
63	16.680	2342	2345	2353	rVB7	13754	26020	0.50%	0.042%
64	16.780	2358	2362	2368	rBV6	39388	62112	1.19%	0.101%
65	16.851	2368	2374	2379	rBV	2587761	3604373	69.00%	5.851%
66	16.892	2379	2381	2385	rVB	67451	75675	1.45%	0.123%
67	16.951	2385	2391	2407	rBV	2524138	3560934	68.17%	5.781%
68	17.133	2420	2422	2428	rBV3	8543	11200	0.21%	0.018%
69	17.233	2435	2439	2440	rBV4	9524	9917	0.19%	0.016%
70	17.274	2441	2446	2448	rVV5	17009	28107	0.54%	0.046%
71	17.380	2461	2464	2467	rBV4	12694	15150	0.29%	0.025%

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72	17.427	2469	2472	2474	rBV4	6828	8640	0.17%	0.014%
73	17.663	2506	2512	2516	rBV2	68832	107403	2.06%	0.174%
74	17.715	2518	2521	2527	rVB6	23435	40947	0.78%	0.066%
75	17.780	2527	2532	2540	rBV	299777	500888	9.59%	0.813%
76	17.910	2548	2554	2566	rVB	155744	259211	4.96%	0.421%
77	18.010	2566	2571	2574	rBV	125793	181933	3.48%	0.295%
78	18.057	2574	2579	2589	rVB	214627	443937	8.50%	0.721%
79	18.210	2601	2605	2609	rBV7	29554	41546	0.80%	0.067%
80	18.609	2669	2673	2678	rBV	68396	86492	1.66%	0.140%
81	18.751	2694	2697	2701	rVB	72931	94385	1.81%	0.153%
82	18.815	2704	2708	2713	rVB6	34874	58161	1.11%	0.094%
83	18.892	2718	2721	2723	rBV3	31437	40931	0.78%	0.066%
84	18.927	2723	2727	2733	rVB	226504	320933	6.14%	0.521%
85	19.074	2749	2752	2757	rBV3	73384	99047	1.90%	0.161%
86	19.256	2777	2783	2796	rBV	3053192	4618865	88.42%	7.498%
87	19.809	2870	2877	2881	rBV3	100756	293409	5.62%	0.476%
88	19.845	2881	2883	2886	rVB	81801	77312	1.48%	0.126%
89	20.345	2965	2968	2972	rVB	120941	127103	2.43%	0.206%
90	20.456	2984	2987	2992	rBV	78170	115161	2.20%	0.187%
91	20.803	3042	3046	3053	rBV	1222708	1752563	33.55%	2.845%
92	21.003	3077	3080	3085	rBV2	370413	608894	11.66%	0.988%
93	21.068	3085	3091	3104	rVB2	3241912	5223668	100.00%	8.480%
94	21.245	3119	3121	3125	rVB	237562	232743	4.46%	0.378%
95	21.668	3189	3193	3203	rBV2	498588	1003045	19.20%	1.628%
96	22.103	3264	3267	3273	rVB2	340008	424716	8.13%	0.689%
97	22.580	3343	3348	3353	rBV2	1202563	1869155	35.78%	3.034%
98	23.062	3424	3430	3435	rBV	2189477	3781155	72.39%	6.138%
99	23.192	3446	3452	3467	rVB	2190736	4011674	76.80%	6.512%
100	23.715	3536	3541	3548	rVB	961741	1714442	32.82%	2.783%

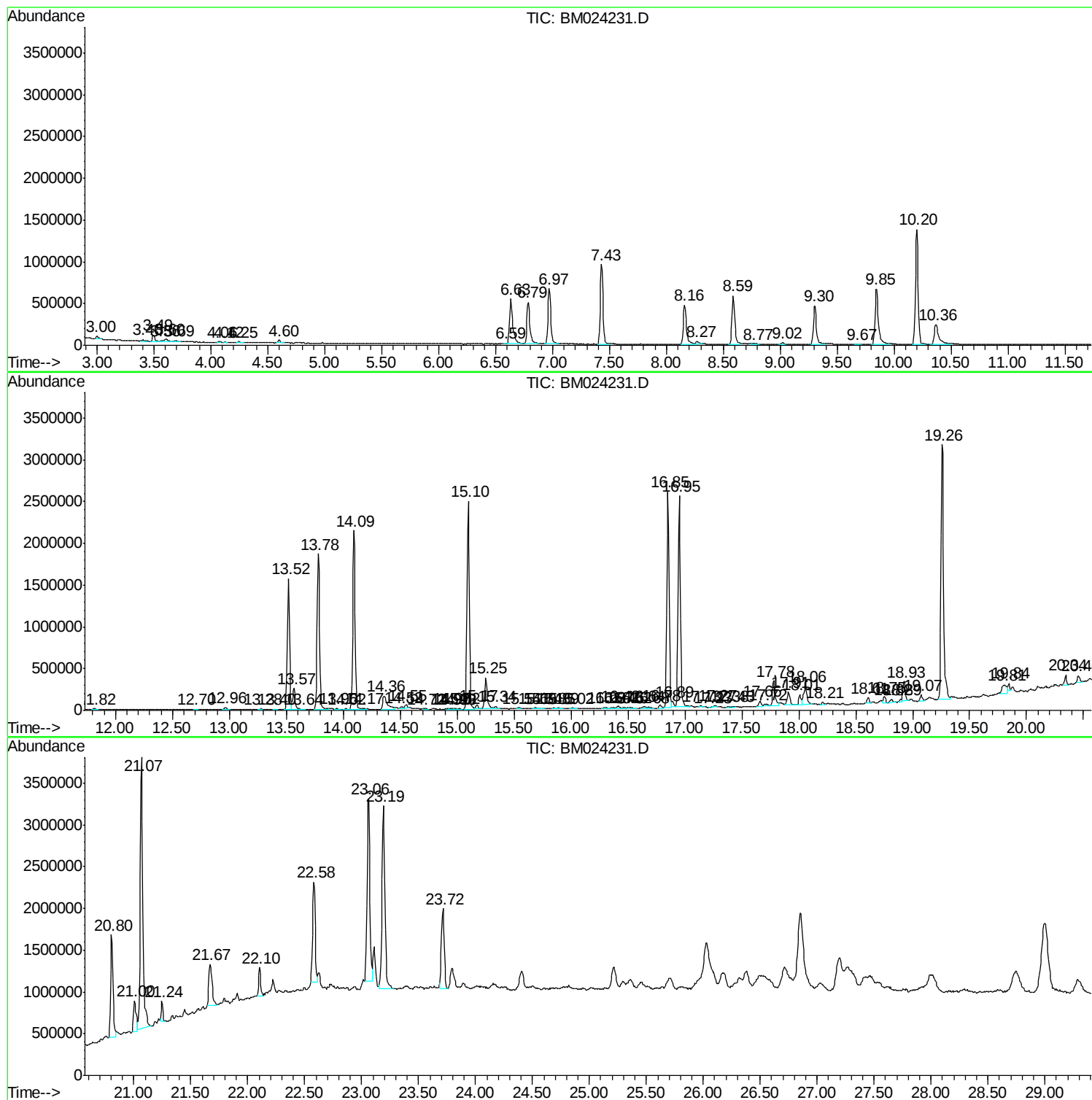
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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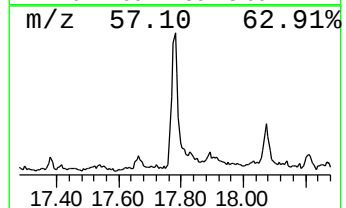
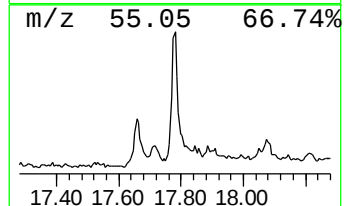
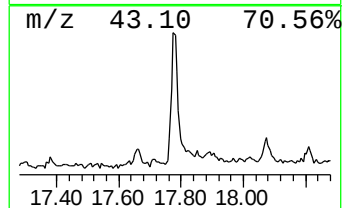
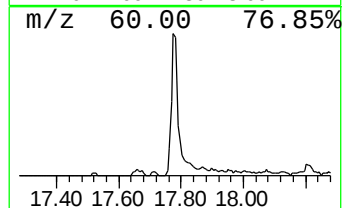
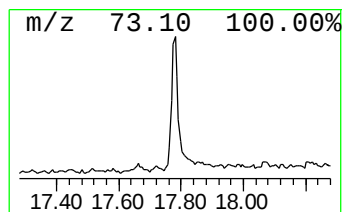
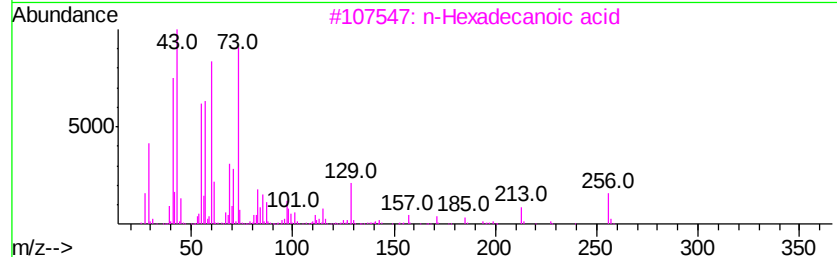
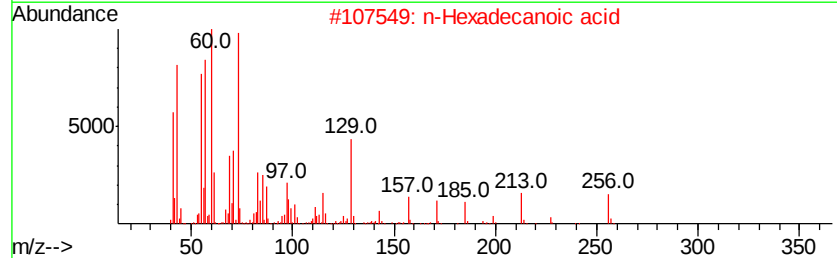
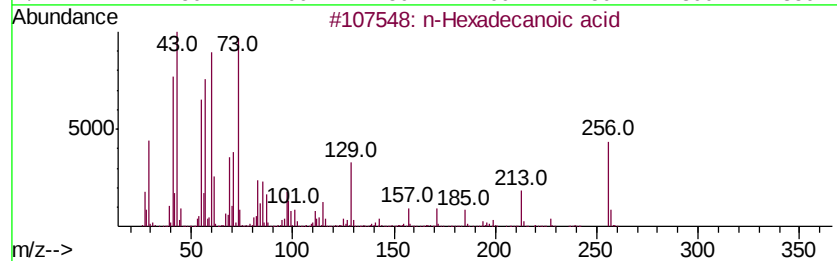
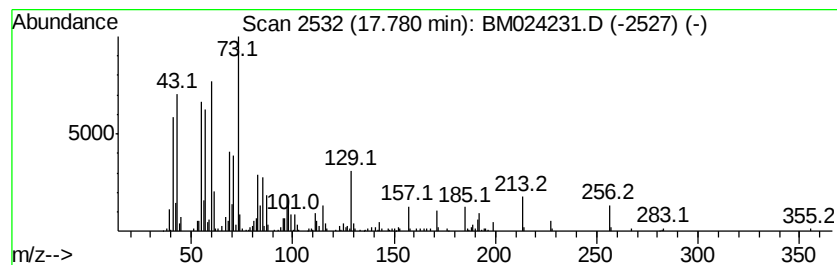
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.78	2.78 ng/ul	500888	Phenanthrene-d10		16.85	
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	99	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	



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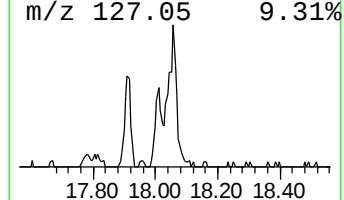
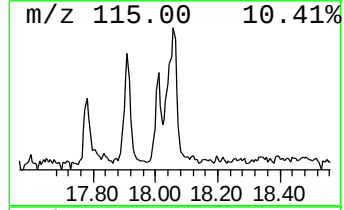
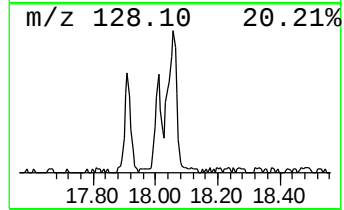
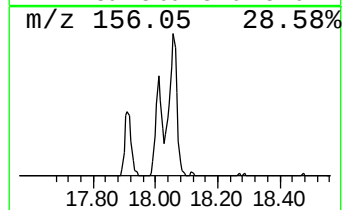
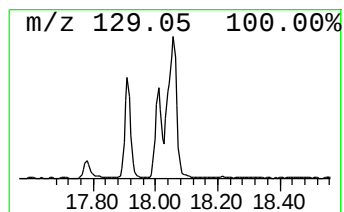
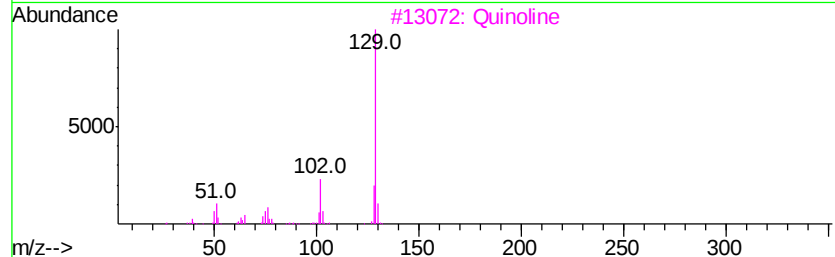
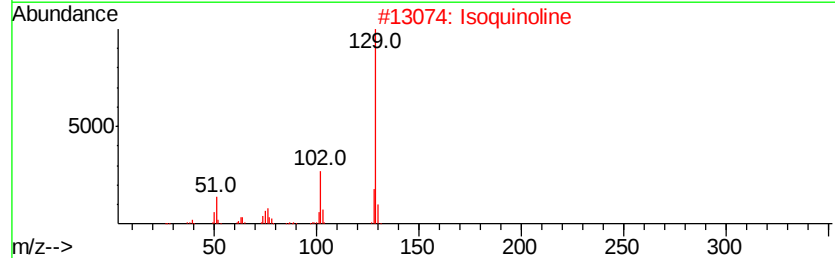
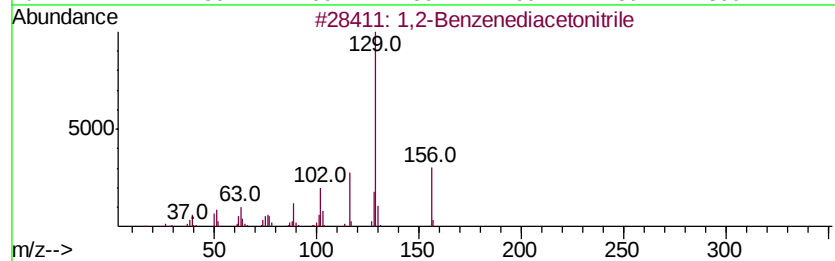
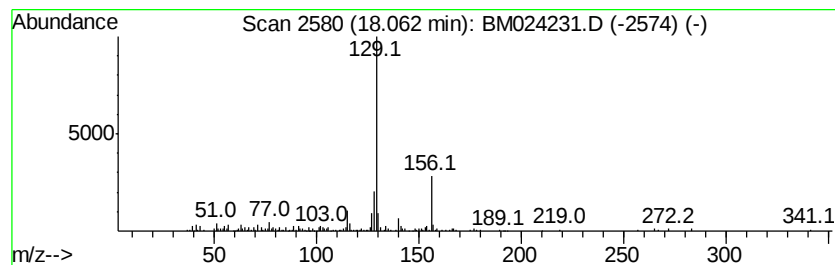
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,2-Benzenediacetonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.06	2.46 ng/ul	443937	Phenanthrene-d10		16.85		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	72
2			Isoquinoline	129	C9H7N	000119-65-3	52
3			Quinoline	129	C9H7N	000091-22-5	50
4			Isoquinoline	129	C9H7N	000119-65-3	42
5			3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	40



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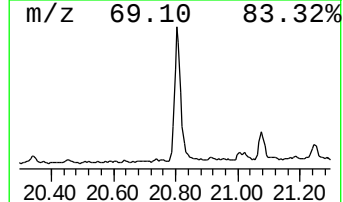
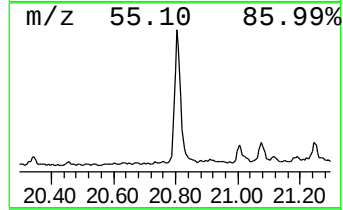
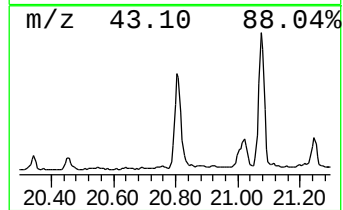
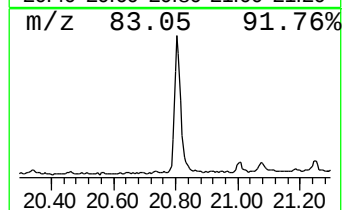
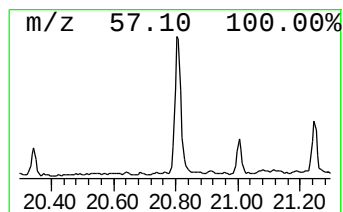
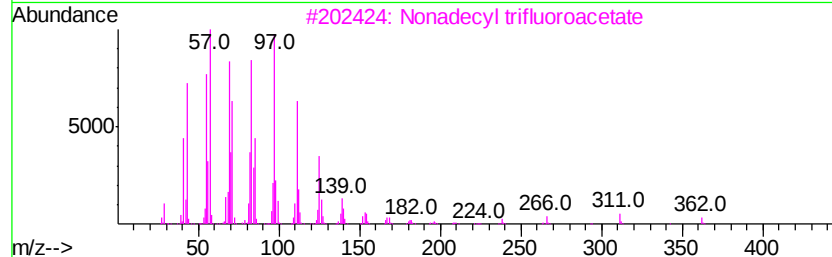
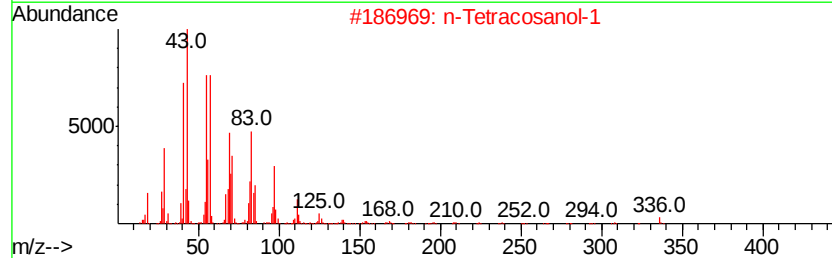
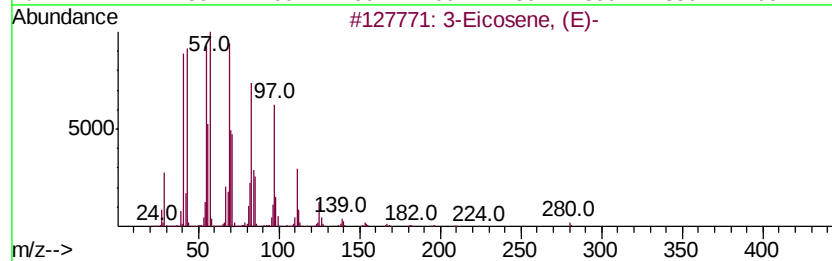
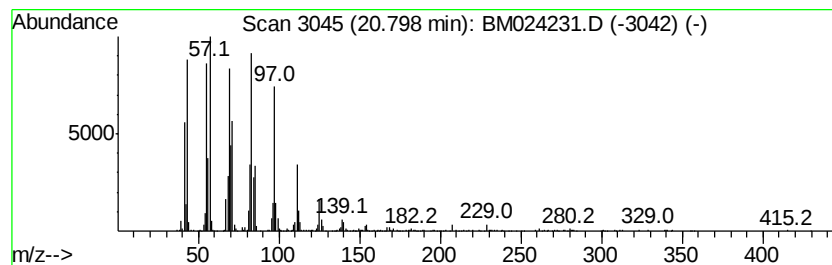
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Peak Number 3 (DEL) Alkane: Cyclic20.80 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	6.71 ng/ul	1752560	Chrysene-d12	21.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	93
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	91
3	Nonadecyl trifluoroacetate		380	C21H39F3O2	1000351-76-3	91
4	17-Pentatriacontene		491	C35H70	006971-40-0	91
5	n-Nonadecanol-1		284	C19H40O	001454-84-8	90



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Data File : BM024231.D
Acq On : 24 Dec 2019 00:22
Operator : JU
Sample : K6238-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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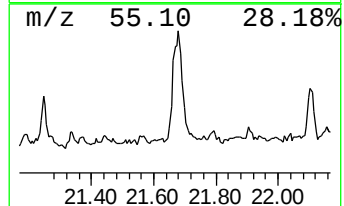
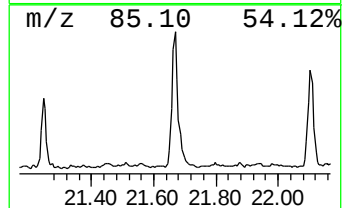
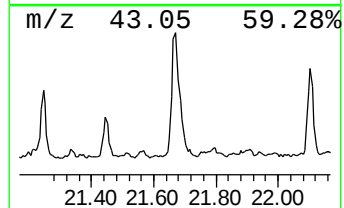
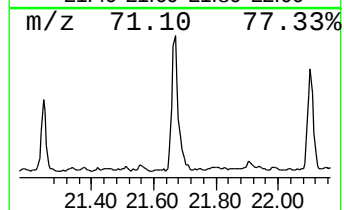
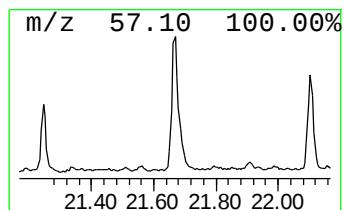
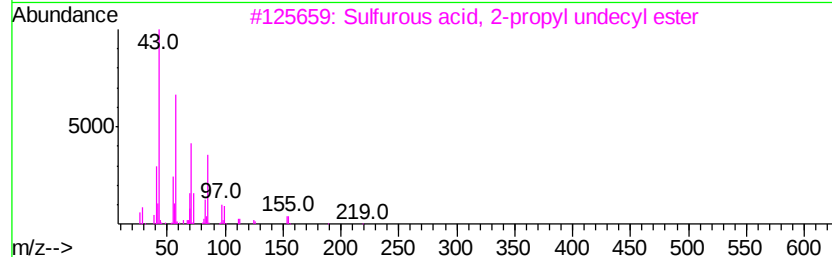
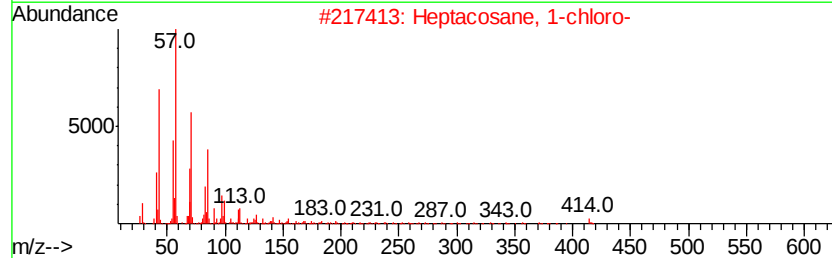
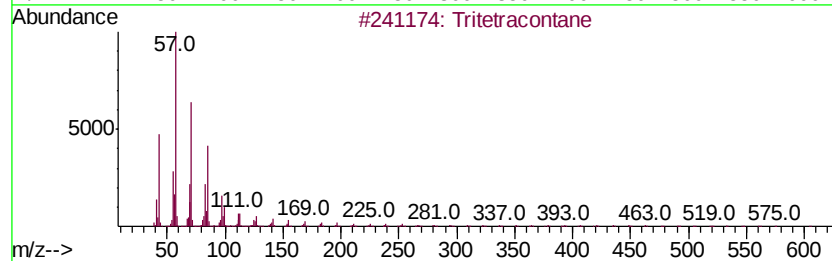
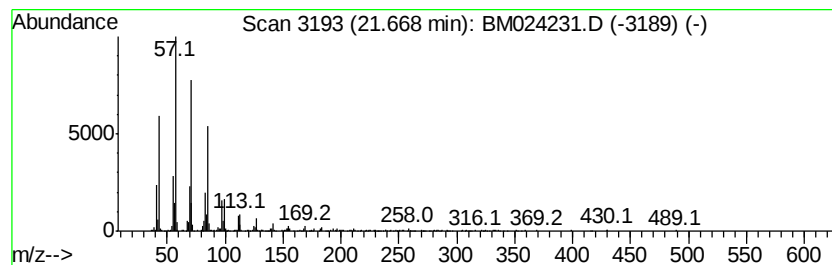
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	3.84 ng/ul	1003050	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	91
4		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024231.D
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Operator : JU
Sample : K6238-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BFPZ7

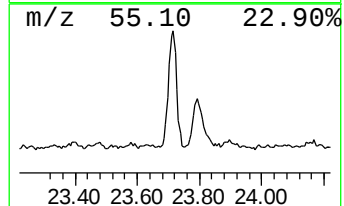
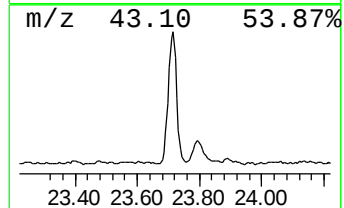
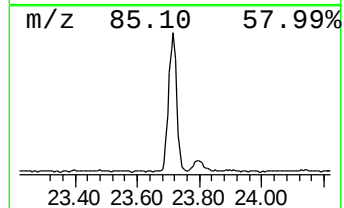
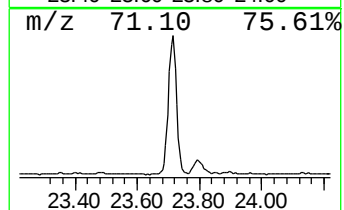
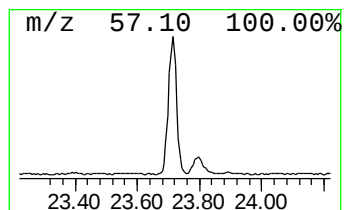
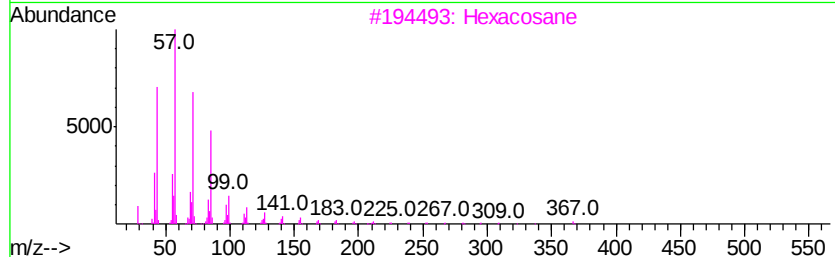
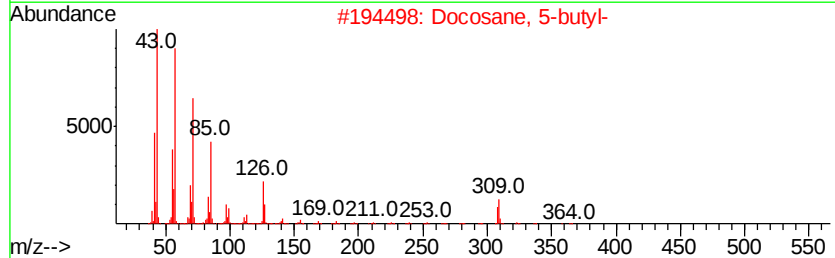
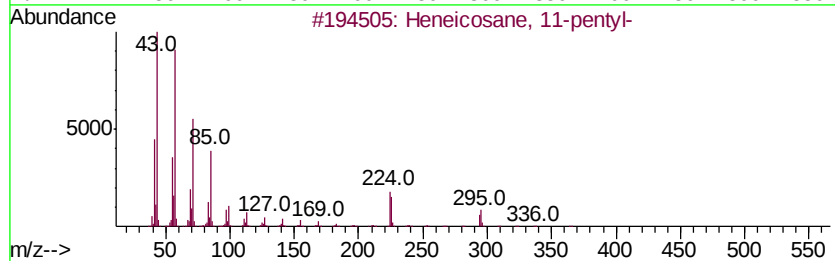
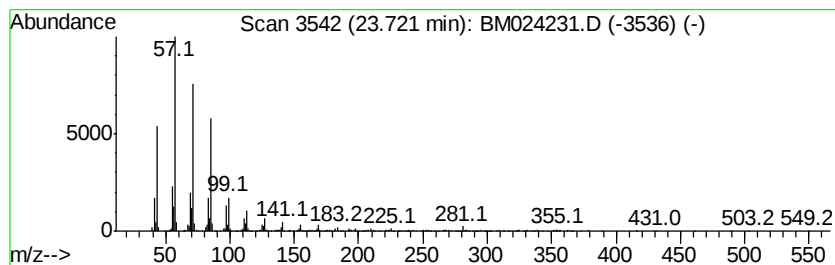
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	8.55 ng/ul	1714440	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
2		Docosane, 5-butyl-	366	C26H54	055282-16-1	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
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Operator : JU
Sample : K6238-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFPZ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
n-Hexadecanoic acid	17.78	2.8	ng/ul	500888	4	16.85	3604370	20.0
1,2-Benzenediacet...	18.06	2.5	ng/ul	443937	4	16.85	3604370	20.0
(DEL) Alkane: Cyc...	20.80	6.7	ng/ul	1752560	5	21.06	5223670	20.0
(DEL) Alkane: Str...	21.67	3.8	ng/ul	1003050	5	21.06	5223670	20.0
(DEL) Alkane: Str...	23.72	8.6	ng/ul	1714440	6	23.19	4011670	20.0