

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024277.D
 Acq On : 25 Dec 2019 05:11
 Operator : JU
 Sample : K6240-23
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQT0

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	2.993	15	18	21	rBV	72963	94457	1.66%	0.143%
2	3.022	21	23	37	rVB	108827	172110	3.02%	0.261%
3	3.605	120	122	126	rVB4	8488	8744	0.15%	0.013%
4	3.775	148	151	158	rVB4	11364	18119	0.32%	0.028%
5	4.352	247	249	253	rBV5	5025	6895	0.12%	0.010%
6	5.016	358	362	364	rBV5	3601	6064	0.11%	0.009%
7	5.463	434	438	440	rBV4	3867	5944	0.10%	0.009%
8	6.528	613	619	623	rBV9	4101	9969	0.18%	0.015%
9	6.634	631	637	652	rBV2	223015	533894	9.37%	0.811%
10	6.781	656	662	681	rBV	719237	1194502	20.97%	1.814%
11	6.969	687	694	706	rBV	849485	1363339	23.93%	2.070%
12	7.428	765	772	781	rBV	1153587	1845611	32.40%	2.802%
13	7.516	783	787	797	rVB3	30037	66357	1.16%	0.101%
14	7.804	834	836	843	rVB7	4258	6626	0.12%	0.010%
15	8.157	889	896	912	rBV	645968	1149552	20.18%	1.745%
16	8.328	920	925	928	rVB6	4214	6506	0.11%	0.010%
17	8.357	928	930	938	rVB8	3794	6595	0.12%	0.010%
18	8.534	954	960	962	rBV6	10134	14658	0.26%	0.022%
19	8.581	962	968	980	rVV	857302	1469254	25.79%	2.231%
20	8.745	992	996	997	rBV3	6989	7895	0.14%	0.012%
21	9.010	1032	1041	1045	rBV2	20422	39176	0.69%	0.059%
22	9.057	1045	1049	1060	rVV	76403	130322	2.29%	0.198%
23	9.157	1062	1066	1072	rVB7	8280	15000	0.26%	0.023%
24	9.298	1083	1090	1105	rVV	730321	1237606	21.73%	1.879%
25	9.404	1105	1108	1114	rVB8	3714	6465	0.11%	0.010%
26	9.510	1125	1126	1135	rVB7	4678	8477	0.15%	0.013%
27	9.692	1152	1157	1164	rBV6	11836	23712	0.42%	0.036%
28	9.757	1164	1168	1174	rVB6	15551	31020	0.54%	0.047%
29	9.839	1174	1182	1199	rBV	1091290	2035390	35.73%	3.090%
30	10.192	1234	1242	1251	rBV	1584208	2642851	46.40%	4.013%
31	10.351	1261	1269	1287	rBV	909299	1802293	31.64%	2.737%
32	10.486	1290	1292	1301	rVB9	16517	38343	0.67%	0.058%
33	10.739	1331	1335	1338	rBV5	4457	7463	0.13%	0.011%
34	10.781	1338	1342	1344	rBV3	11612	17649	0.31%	0.027%

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35	10.910	1358	1364	1366	rBV6	5617	11267	0.20%	0.017%
36	10.928	1366	1367	1372	rVB5	6247	5837	0.10%	0.009%
37	10.986	1372	1377	1380	rBV6	8515	14278	0.25%	0.022%
38	11.057	1380	1389	1398	rVV2	40382	109766	1.93%	0.167%
39	11.133	1398	1402	1406	rVV3	17060	29170	0.51%	0.044%
40	11.181	1406	1410	1422	rVB7	20596	52084	0.91%	0.079%
41	11.298	1427	1430	1435	rVB7	5033	7751	0.14%	0.012%
42	11.451	1451	1456	1459	rVB7	3874	6491	0.11%	0.010%
43	11.545	1465	1472	1475	rBV7	15336	26795	0.47%	0.041%
44	11.751	1501	1507	1514	rBV	101420	206246	3.62%	0.313%
45	11.863	1521	1526	1527	rBV5	4762	6392	0.11%	0.010%
46	12.033	1550	1555	1558	rBV5	3500	7108	0.12%	0.011%
47	12.633	1652	1657	1661	rBV7	5157	7122	0.13%	0.011%
48	12.745	1672	1676	1682	rVB6	12201	21686	0.38%	0.033%
49	12.922	1701	1706	1711	rBV8	9484	20298	0.36%	0.031%
50	13.004	1715	1720	1723	rVV6	9144	14980	0.26%	0.023%
51	13.039	1723	1726	1729	rVB6	5428	7397	0.13%	0.011%
52	13.139	1740	1743	1748	rVB6	5616	10306	0.18%	0.016%
53	13.180	1748	1750	1754	rVB5	4827	6297	0.11%	0.010%
54	13.516	1801	1807	1812	rBV	2265300	3133747	55.02%	4.758%
55	13.563	1812	1815	1825	rVB	168266	262996	4.62%	0.399%
56	13.674	1830	1834	1838	rVB6	9626	13083	0.23%	0.020%
57	13.780	1842	1852	1861	rBV	2466683	3573214	62.73%	5.425%
58	13.927	1871	1877	1885	rVB	78950	124178	2.18%	0.189%
59	14.022	1888	1893	1899	rVB2	118257	167020	2.93%	0.254%
60	14.092	1899	1905	1916	rBV2	2327066	3393329	59.57%	5.152%
61	14.374	1947	1953	1966	rBV2	93109	269031	4.72%	0.408%
62	14.510	1972	1976	1980	rBV3	30323	42201	0.74%	0.064%
63	14.557	1980	1984	1987	rVV6	11932	16424	0.29%	0.025%
64	14.945	2047	2050	2053	rBV2	8275	7764	0.14%	0.012%
65	15.039	2063	2066	2069	rBV4	6583	9611	0.17%	0.015%
66	15.098	2069	2076	2086	rVV	3165804	4536604	79.64%	6.888%
67	15.251	2097	2102	2112	rBV	713042	1103494	19.37%	1.675%
68	15.339	2113	2117	2123	rVB3	41758	71470	1.25%	0.109%
69	15.480	2138	2141	2143	rBV4	7173	8143	0.14%	0.012%
70	15.627	2163	2166	2170	rBV2	56964	70109	1.23%	0.106%
71	15.839	2200	2202	2206	rVB4	15181	18371	0.32%	0.028%

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72	15.886	2206	2210	2216	rVB7	15730	28490	0.50%	0.043%
73	16.145	2251	2254	2261	rBV2	22638	39741	0.70%	0.060%
74	16.639	2335	2338	2341	rVB4	23338	25398	0.45%	0.039%
75	16.851	2368	2374	2383	rBV	2677035	3711528	65.16%	5.635%
76	16.951	2384	2391	2407	rVV	3571831	5048461	88.63%	7.665%
77	17.780	2527	2532	2540	rBV	287027	457996	8.04%	0.695%
78	18.898	2718	2722	2725	rBV2	40430	51027	0.90%	0.077%
79	19.074	2748	2752	2757	rBV3	84082	134209	2.36%	0.204%
80	19.145	2761	2764	2767	rVV2	39598	51777	0.91%	0.079%
81	19.262	2778	2784	2789	rBV	3978360	5572233	97.83%	8.461%
82	20.803	3042	3046	3053	rBV	1081399	1353212	23.76%	2.055%
83	21.068	3086	3091	3100	rBV	3008359	3948439	69.32%	5.995%
84	21.245	3118	3121	3124	rBV	193453	215045	3.78%	0.327%
85	21.662	3189	3192	3201	rBV2	286324	486733	8.55%	0.739%
86	22.103	3264	3267	3273	rVB	402633	473062	8.31%	0.718%
87	22.221	3284	3287	3292	rVB	311876	382477	6.71%	0.581%
88	22.580	3344	3348	3353	rVB	425050	586081	10.29%	0.890%
89	23.062	3424	3430	3435	rBV	3338638	5696050	100.00%	8.649%
90	23.192	3447	3452	3463	rVB	2335657	4183865	73.45%	6.353%

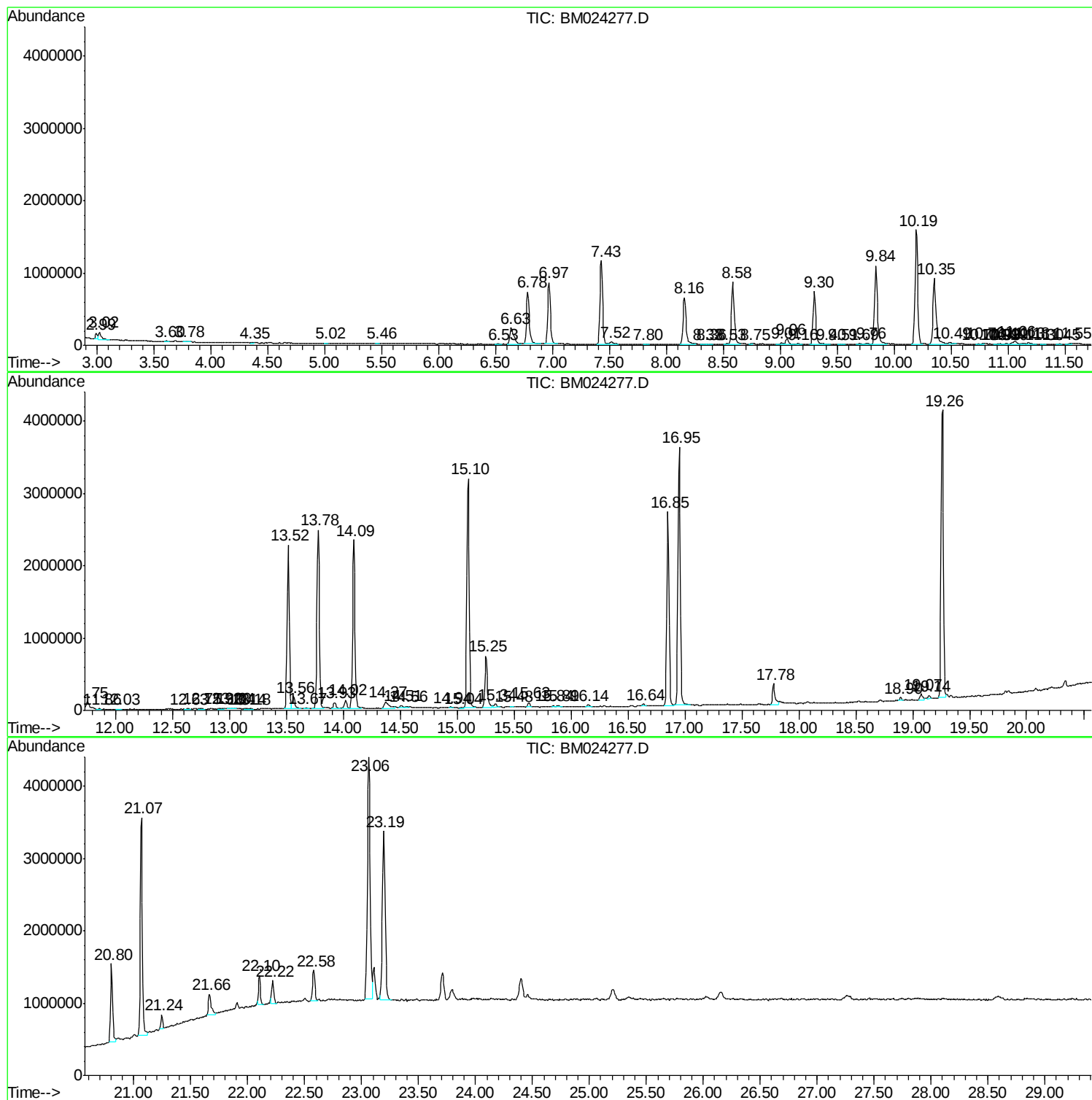
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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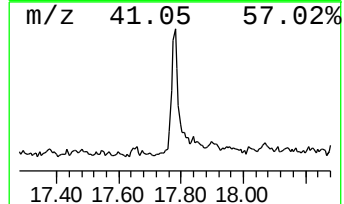
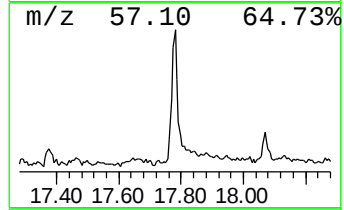
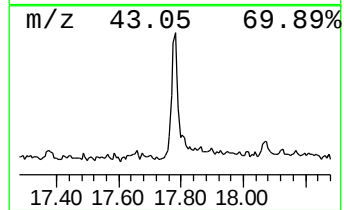
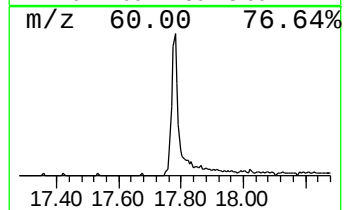
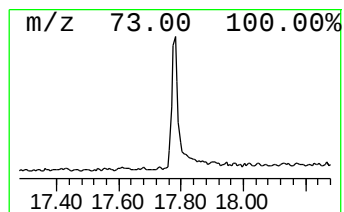
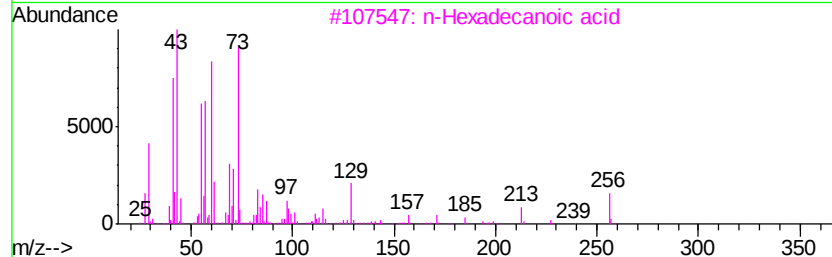
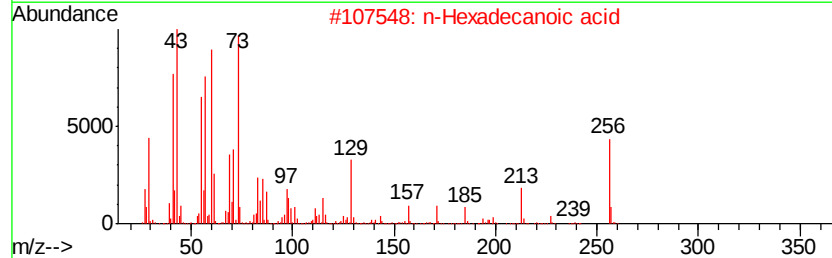
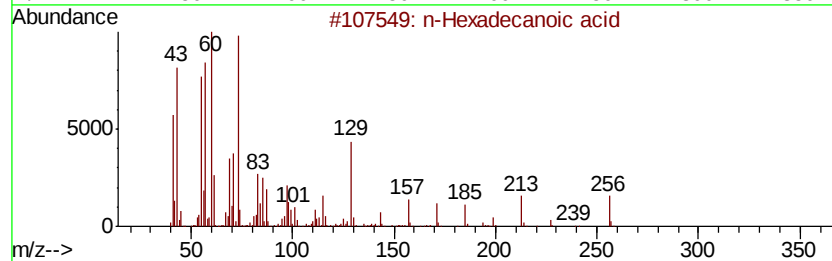
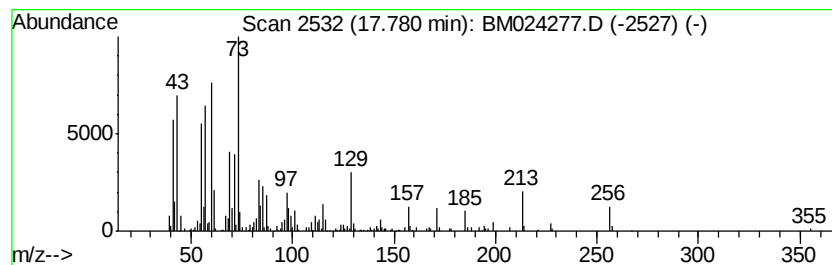
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.47 ng/ul	457996	Phenanthrene-d10	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	98
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		Octadecanoic acid	284	C18H36O2	000057-11-4	76



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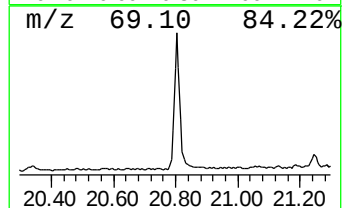
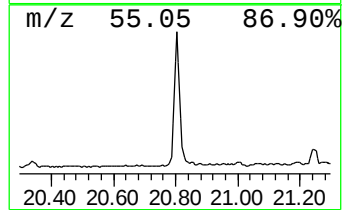
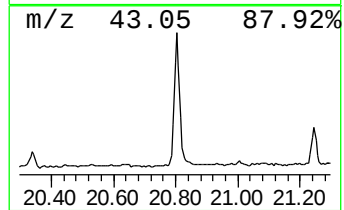
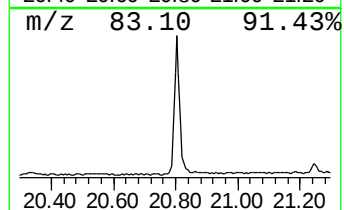
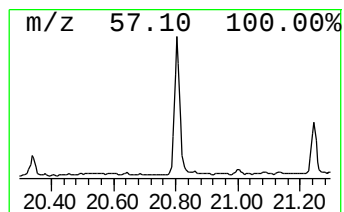
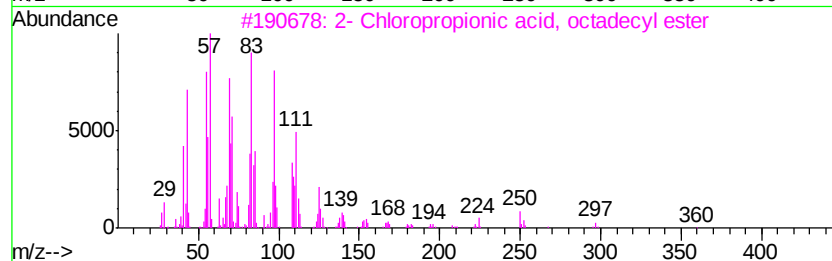
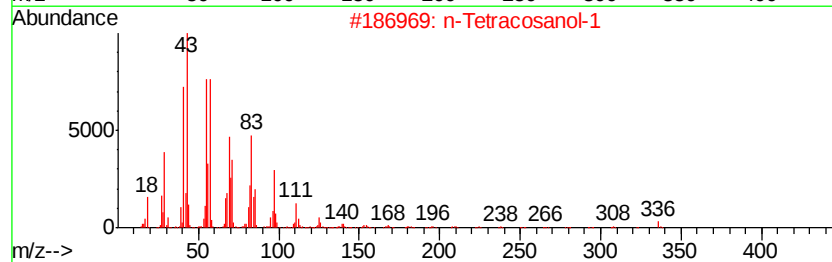
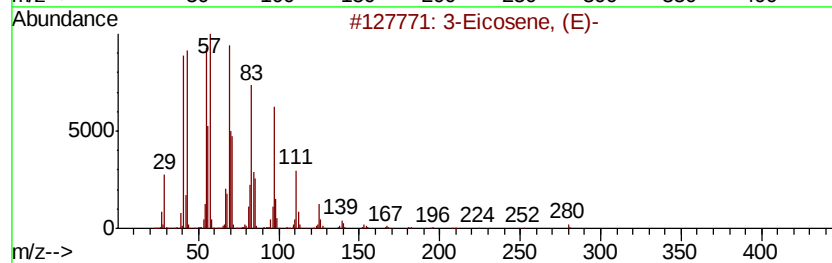
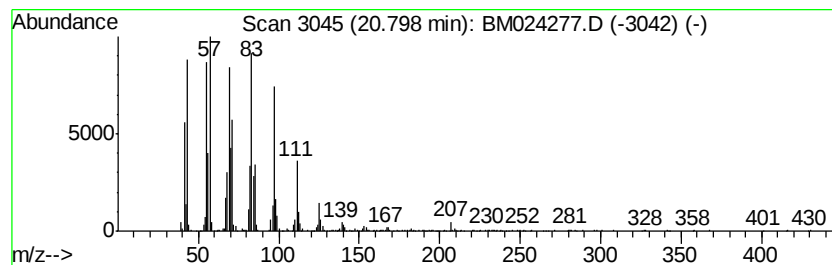
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	6.85 ng/ul	1353210	Chrysene-d12	21.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			1-Heneicosanol	312	C21H44O	015594-90-8	91



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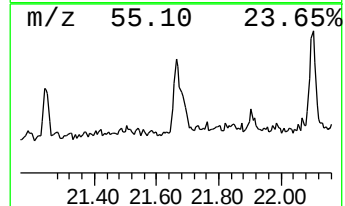
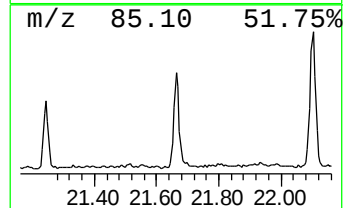
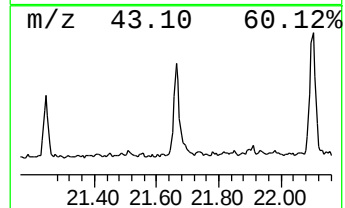
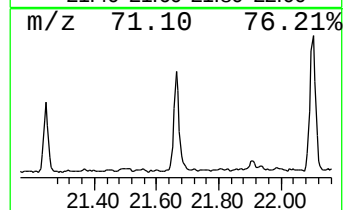
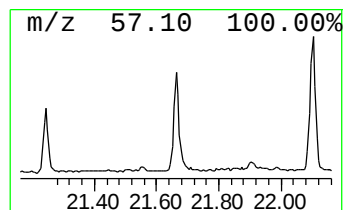
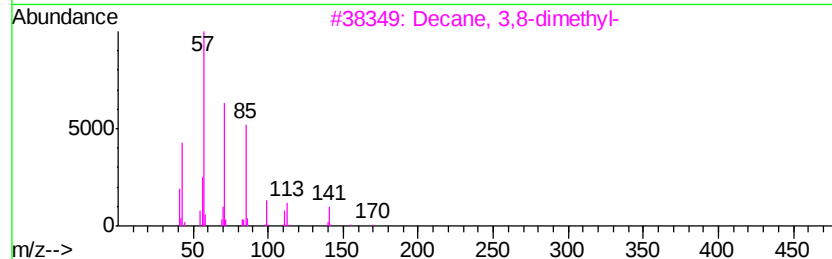
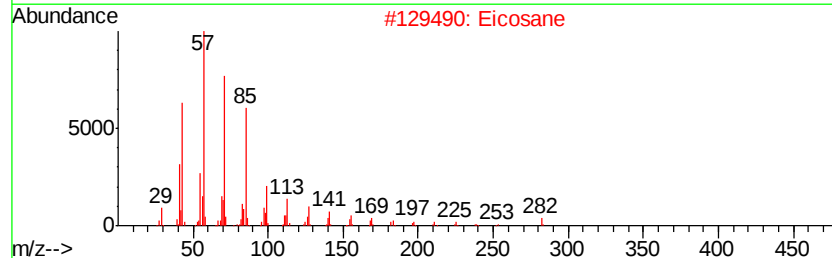
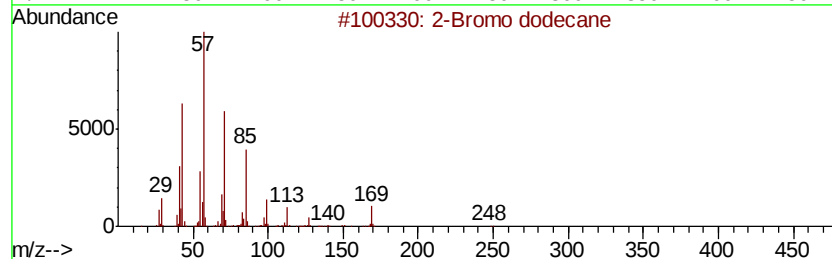
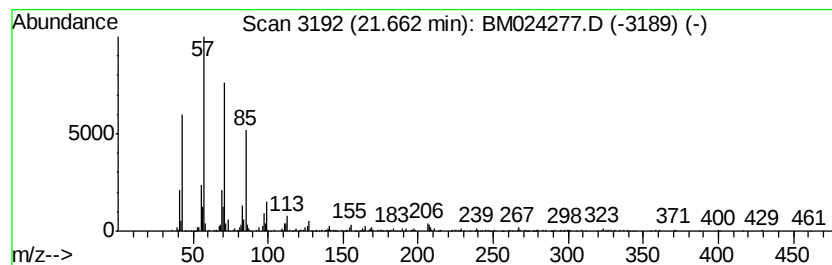
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 3 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.47 ng/ul	486733	Chrysene-d12	21.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	93
2	Eicosane		282	C20H42	000112-95-8	87
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	80
4	Hexadecane, 7-methyl-		240	C17H36	026730-20-1	76
5	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	72



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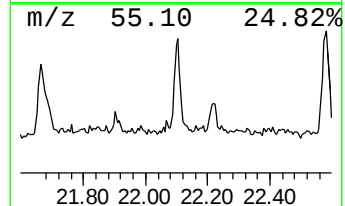
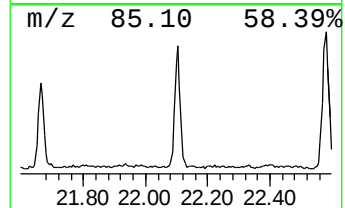
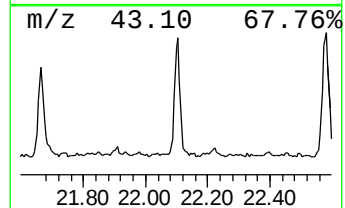
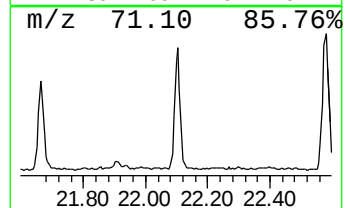
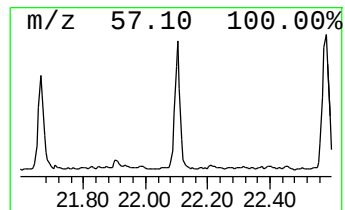
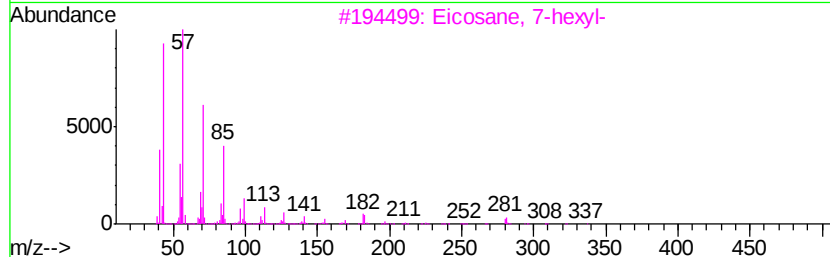
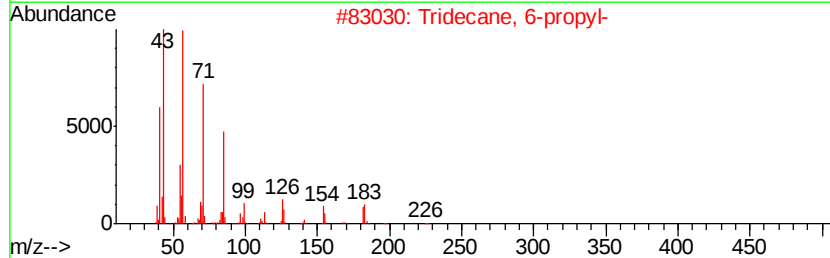
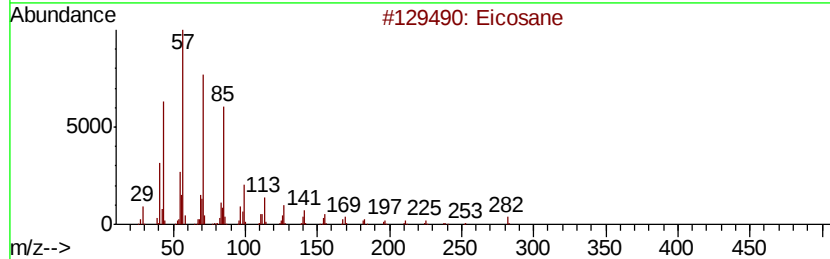
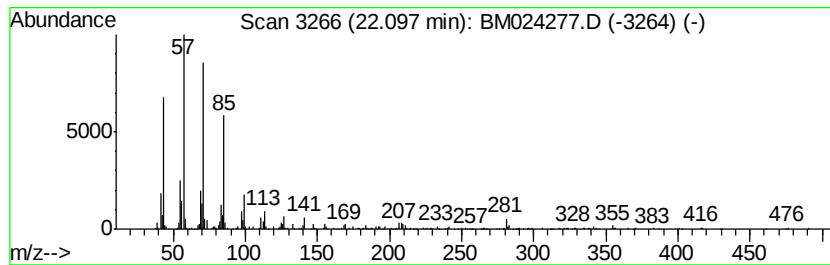
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	2.40 ng/ul	473062	Chrysene-d12	21.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Tridecane, 6-propyl-		226	C16H34	055045-10-8	90
3	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90
4	Octacosane		394	C28H58	000630-02-4	87
5	Nonadecane		268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024277.D
Acq On : 25 Dec 2019 05:11
Operator : JU
Sample : K6240-23
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQT0

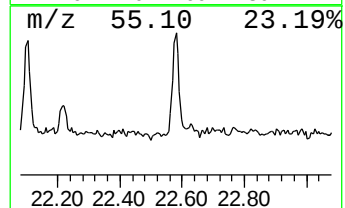
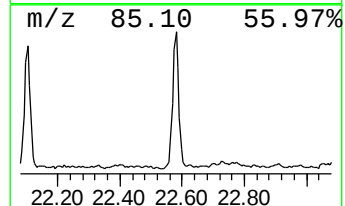
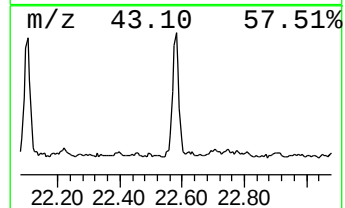
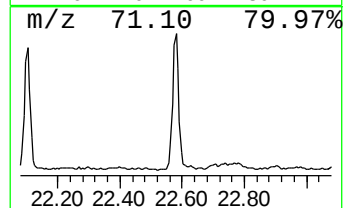
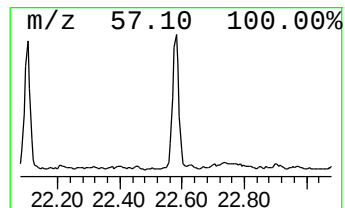
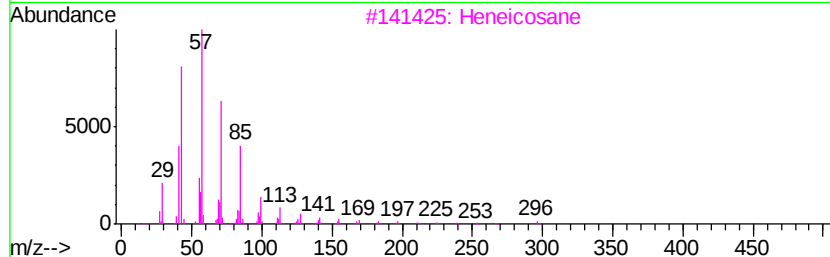
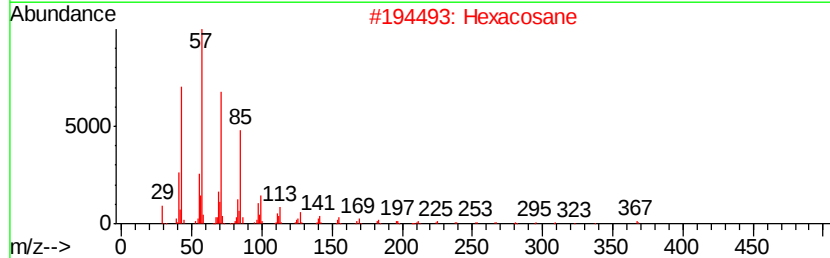
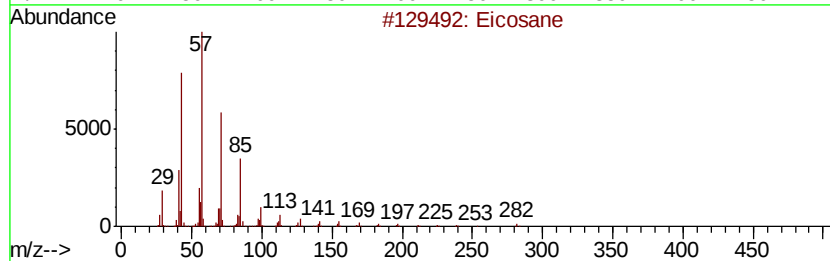
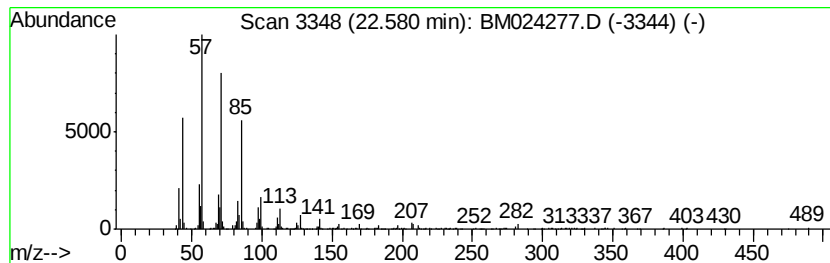
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	2.80 ng/ul	586081	Perylene-d12	23.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024277.D
Acq On : 25 Dec 2019 05:11
Operator : JU
Sample : K6240-23
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQT0

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	2.5	ng/ul	457996	4	16.85	3711530	20.0
(DEL) Alkane: Cyc...	20.80	6.8	ng/ul	1353210	5	21.07	3948440	20.0
2-Bromo dodecane	21.66	2.5	ng/ul	486733	5	21.07	3948440	20.0
(DEL) Alkane: Str...	22.10	2.4	ng/ul	473062	5	21.07	3948440	20.0
(DEL) Alkane: Str...	22.58	2.8	ng/ul	586081	6	23.20	4183870	20.0