

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024263.D
 Acq On : 24 Dec 2019 20:14
 Operator : JU
 Sample : K6240-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQT1

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	16	18	28	rVB	84204	126603	1.65%	0.147%
2	3.693	133	137	141	rBV3	20003	24735	0.32%	0.029%
3	4.787	317	323	332	rBV	202274	307676	4.00%	0.358%
4	6.634	632	637	649	rBV	329597	632034	8.22%	0.735%
5	6.787	657	663	683	rBV	1025137	1729793	22.49%	2.011%
6	6.969	688	694	708	rBV	1235667	2026582	26.35%	2.356%
7	7.428	765	772	783	rBV	1283406	2064493	26.84%	2.400%
8	7.734	820	824	829	rVB6	5465	10555	0.14%	0.012%
9	7.781	829	832	834	rBV3	7820	8243	0.11%	0.010%
10	8.157	889	896	914	rBV	997012	1723427	22.41%	2.004%
11	8.587	962	969	986	rBV	1355105	2288705	29.75%	2.661%
12	8.934	1022	1028	1034	rVB4	34629	56086	0.73%	0.065%
13	9.016	1037	1042	1047	rBV	35221	53464	0.70%	0.062%
14	9.299	1083	1090	1106	rBV	1116886	1959598	25.48%	2.278%
15	9.616	1137	1144	1150	rBV9	4936	14066	0.18%	0.016%
16	9.751	1161	1167	1169	rBV7	4876	8406	0.11%	0.010%
17	9.840	1176	1182	1201	rBV	1651824	3003802	39.05%	3.493%
18	10.198	1235	1243	1249	rBV	1847324	3015560	39.20%	3.506%
19	10.245	1249	1251	1258	rVB	74906	111753	1.45%	0.130%
20	10.363	1262	1271	1286	rBV	153239	372695	4.85%	0.433%
21	10.645	1312	1319	1326	rBV	53775	98339	1.28%	0.114%
22	10.804	1339	1346	1350	rBV7	9597	17920	0.23%	0.021%
23	11.057	1386	1389	1396	rBV8	4275	8719	0.11%	0.010%
24	11.581	1474	1478	1483	rVV7	4320	7909	0.10%	0.009%
25	11.645	1485	1489	1496	rBV6	3870	7728	0.10%	0.009%
26	11.745	1502	1506	1510	rBV4	6767	10195	0.13%	0.012%
27	11.816	1510	1518	1527	rVV2	31971	85479	1.11%	0.099%
28	12.104	1560	1567	1572	rVB6	5396	10112	0.13%	0.012%
29	13.334	1772	1776	1782	rVB4	18753	28987	0.38%	0.034%
30	13.522	1801	1808	1813	rBV	3242664	4450671	57.86%	5.175%
31	13.569	1813	1816	1821	rVB	175097	242368	3.15%	0.282%
32	13.786	1846	1853	1864	rBV	3902494	5753513	74.80%	6.690%
33	14.098	1899	1906	1913	rBV	2670045	3960093	51.48%	4.604%
34	14.157	1914	1916	1921	rVB3	29151	40936	0.53%	0.048%

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35	14.316	1938	1943	1946	rVB6	9593	12557	0.16%	0.015%
36	14.369	1946	1952	1961	rBV2	150987	372151	4.84%	0.433%
37	14.557	1981	1984	1988	rVB6	16675	19135	0.25%	0.022%
38	14.951	2049	2051	2053	rVB3	9261	8041	0.10%	0.009%
39	15.098	2070	2076	2092	rBV	4838489	6865099	89.25%	7.982%
40	15.257	2098	2103	2112	rBV	835772	1218514	15.84%	1.417%
41	15.339	2114	2117	2124	rVB	52056	78154	1.02%	0.091%
42	15.845	2200	2203	2207	rBV	40348	48492	0.63%	0.056%
43	15.886	2207	2210	2213	rVV4	14147	15950	0.21%	0.019%
44	16.045	2231	2237	2244	rBV	37580	67039	0.87%	0.078%
45	16.163	2253	2257	2260	rBV4	11722	17254	0.22%	0.020%
46	16.533	2317	2320	2325	rBV7	14384	21358	0.28%	0.025%
47	16.639	2335	2338	2344	rBV3	26761	53357	0.69%	0.062%
48	16.857	2368	2375	2385	rBV	3176310	4413484	57.38%	5.132%
49	16.957	2385	2392	2404	rVV	5023658	7125475	92.63%	8.285%
50	17.380	2462	2464	2468	rVB5	14738	14245	0.19%	0.017%
51	17.780	2528	2532	2540	rBV	431990	692210	9.00%	0.805%
52	18.721	2689	2692	2694	rBV	39498	44259	0.58%	0.051%
53	18.898	2719	2722	2724	rBV	57393	67493	0.88%	0.078%
54	19.080	2749	2753	2760	rBV2	204889	344910	4.48%	0.401%
55	19.268	2779	2785	2790	rBV	5570269	7684847	99.91%	8.935%
56	19.845	2881	2883	2886	rVB	156027	146289	1.90%	0.170%
57	20.345	2965	2968	2972	rVB2	259131	282628	3.67%	0.329%
58	20.810	3043	3047	3052	rBV	1415784	1744902	22.68%	2.029%
59	21.068	3087	3091	3098	rBV	3631354	4581802	59.56%	5.327%
60	21.251	3119	3122	3126	rVB	469707	496495	6.45%	0.577%
61	21.668	3190	3193	3201	rVB	621986	795812	10.35%	0.925%
62	22.109	3265	3268	3273	rVB	679241	786315	10.22%	0.914%
63	22.586	3346	3349	3355	rVB	691702	903411	11.74%	1.050%
64	23.068	3426	3431	3436	rBV	4438102	7692113	100.00%	8.944%
65	23.203	3448	3454	3466	rVB	2857492	5130459	66.70%	5.965%

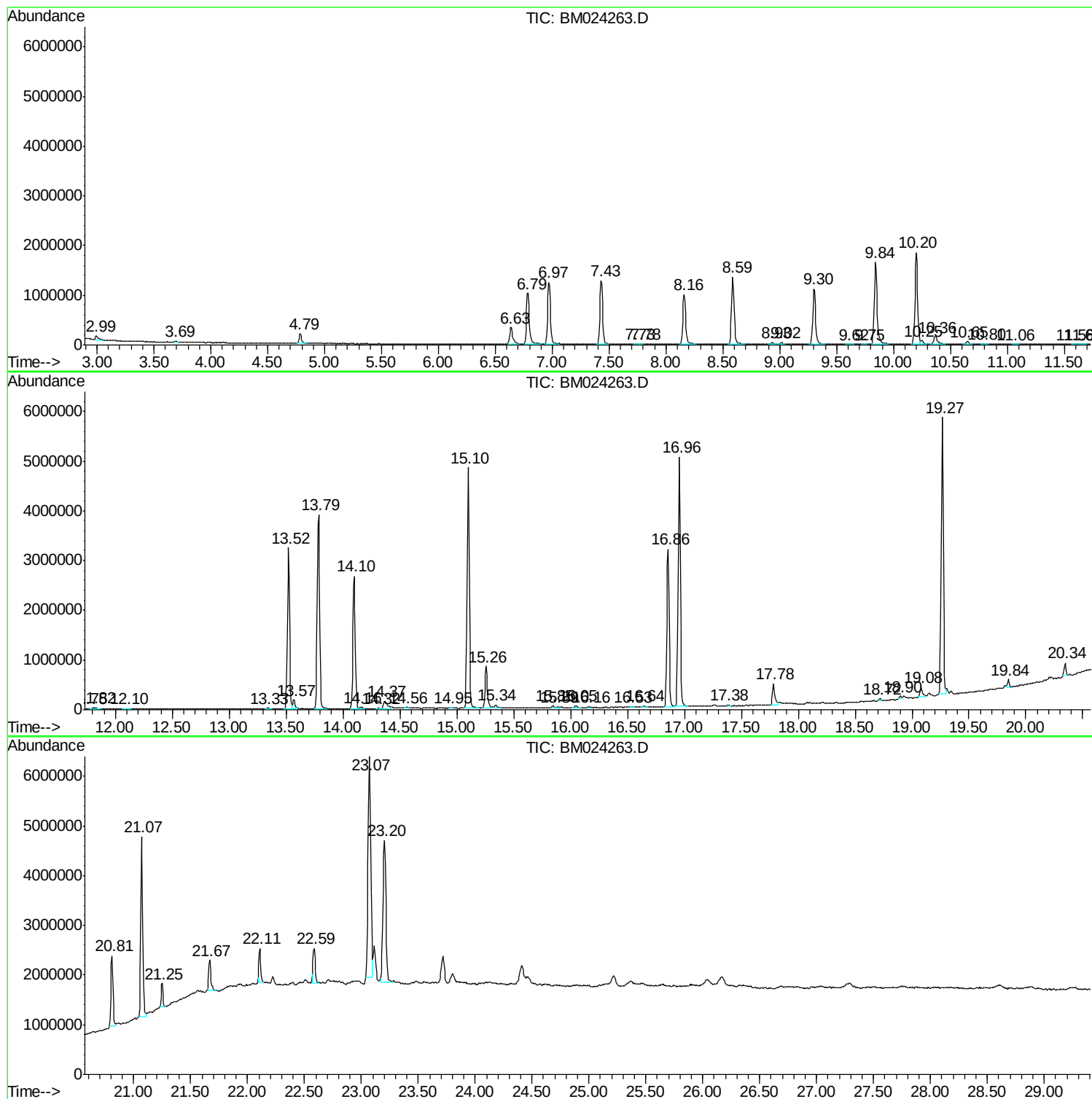
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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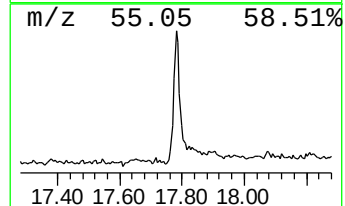
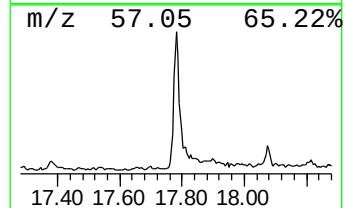
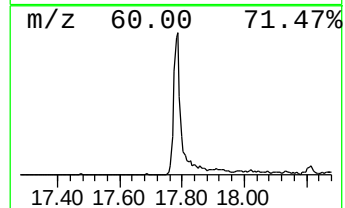
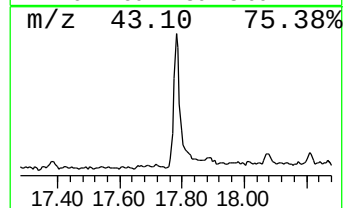
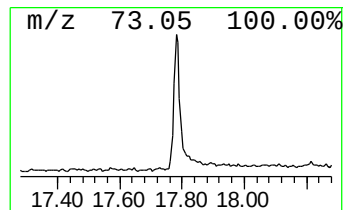
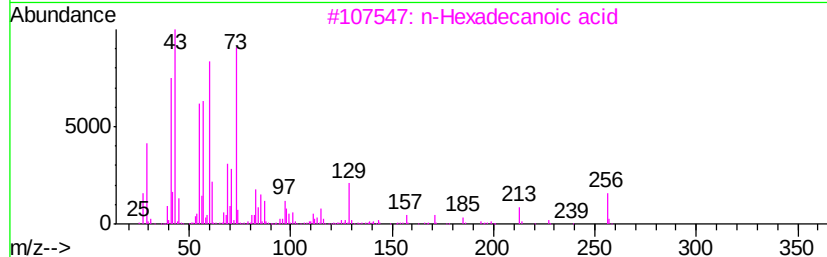
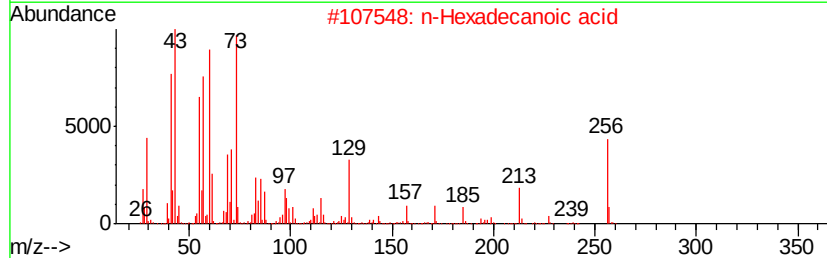
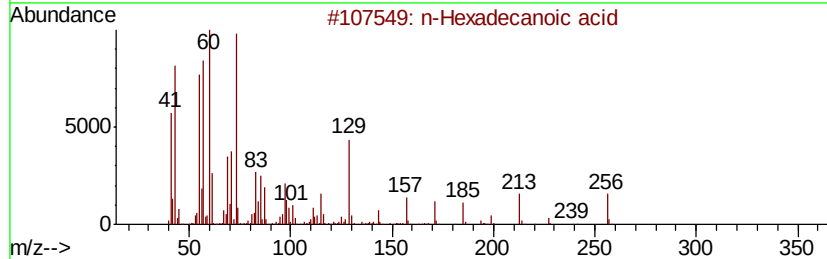
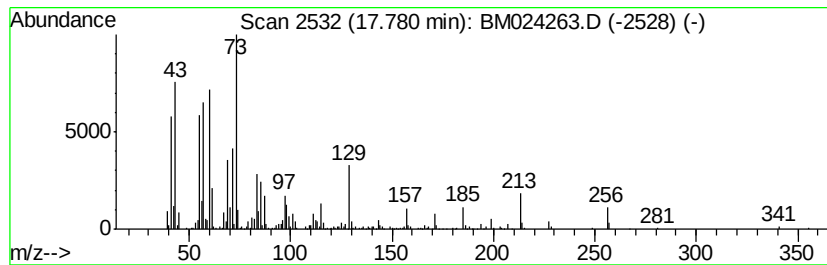
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	3.14 ng/ul	692210	Phenanthrene-d10	16.86

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	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Octadecanoic acid	284	C18H36O2	000057-11-4	70



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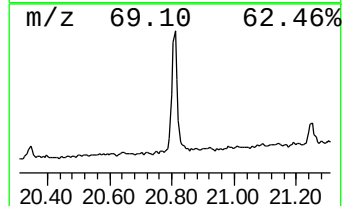
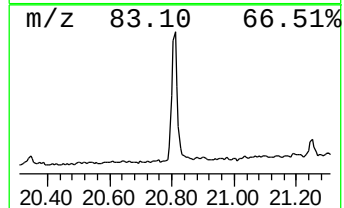
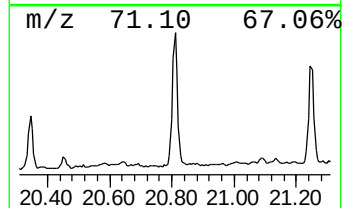
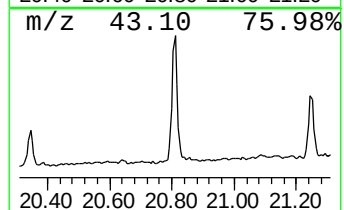
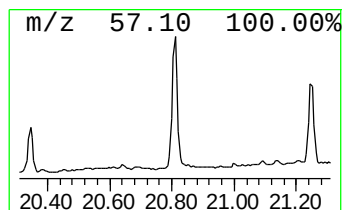
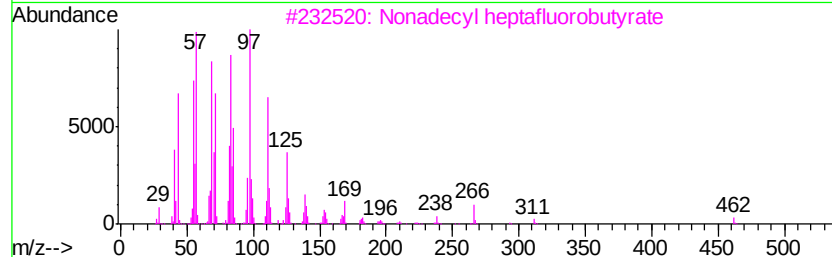
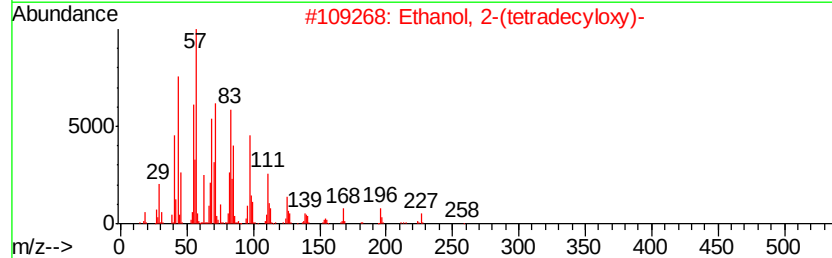
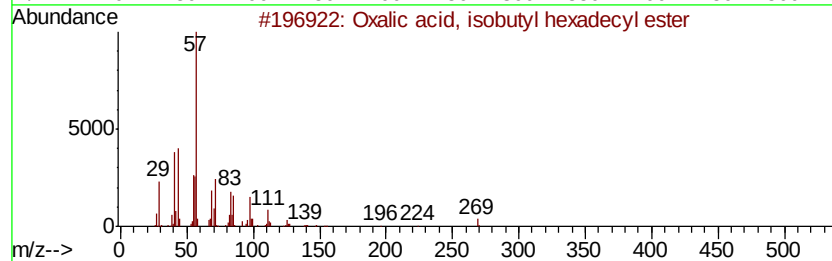
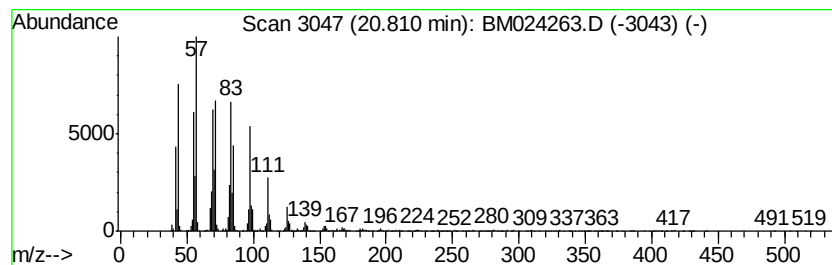
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Oxalic acid, isobutyl hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	7.62 ng/ul	1744900	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		Nonadecyl heptafluorobutylate	480	C23H39F7O2	1000351-83-9	90
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90



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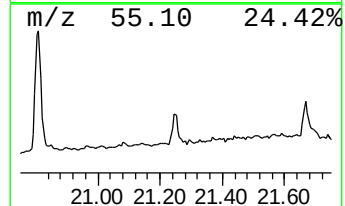
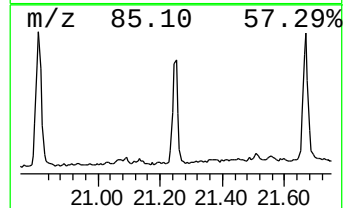
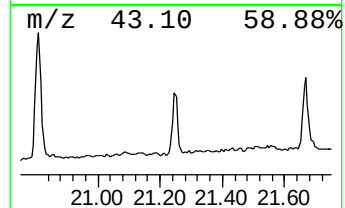
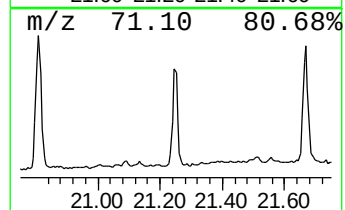
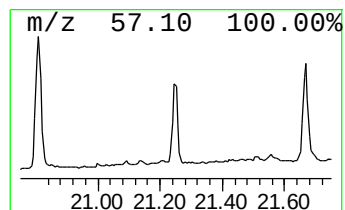
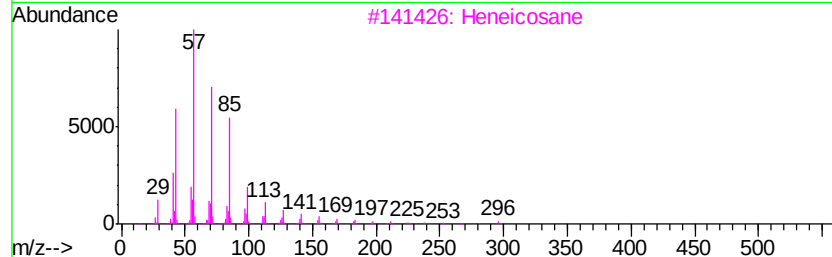
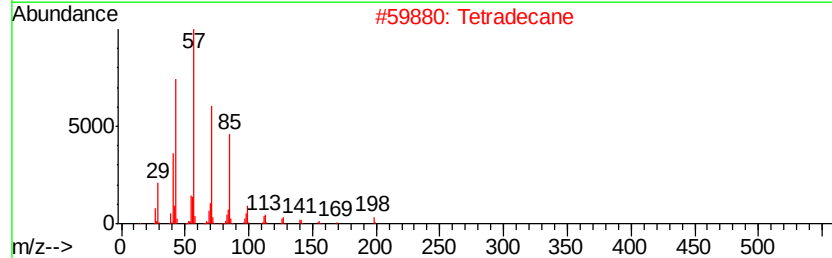
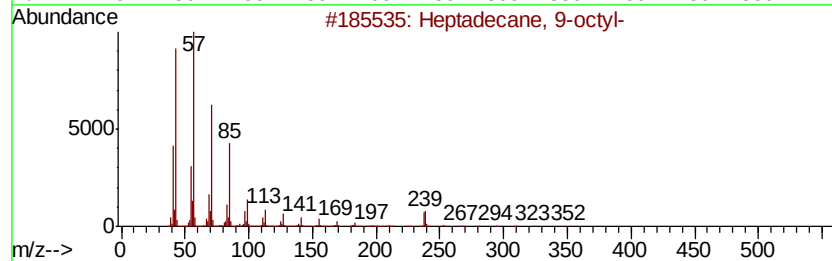
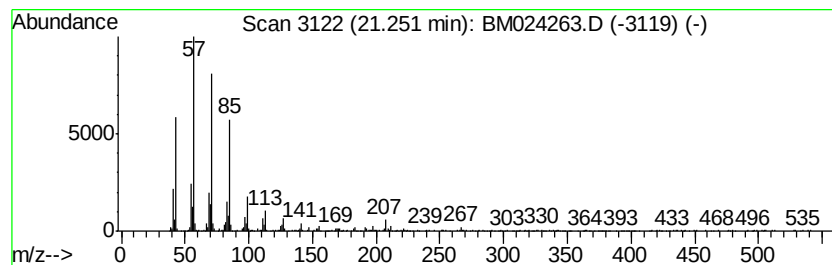
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Quant Title : SVOA CALIBRATION

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.
21.25	2.17 ng/ul	496495	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	92
2		Tetradecane	198	C14H30	000629-59-4	87
3		Heneicosane	296	C21H44	000629-94-7	83
4		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	83
5		Heptadecane	240	C17H36	000629-78-7	83



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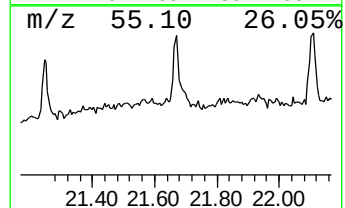
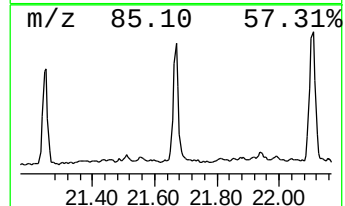
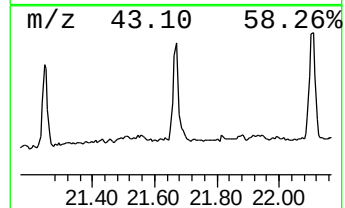
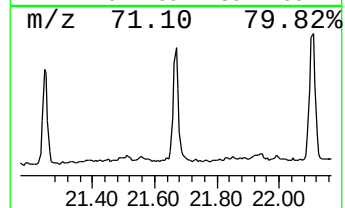
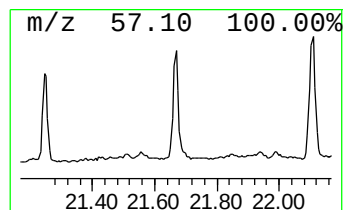
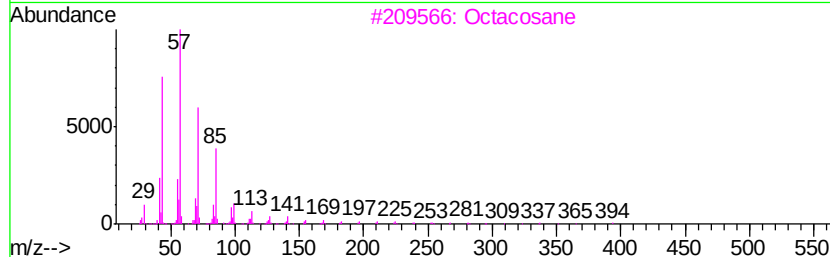
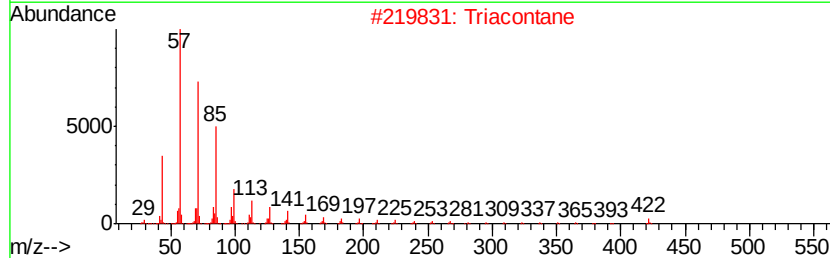
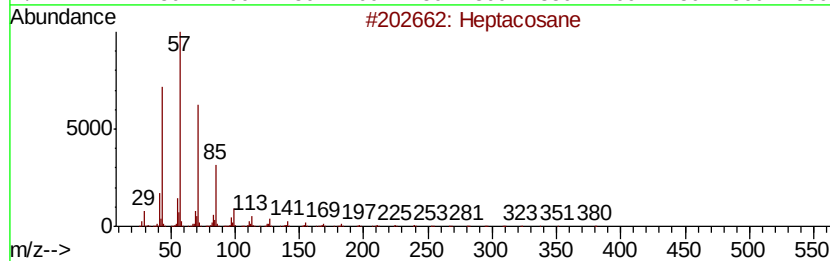
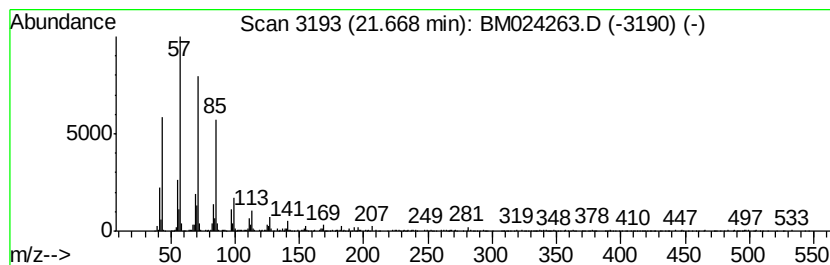
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	3.47 ng/ul	795812	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		triacontane	422	C30H62	000638-68-6	91
3		Octacosane	394	C28H58	000630-02-4	83
4		Heneicosane	296	C21H44	000629-94-7	80
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80



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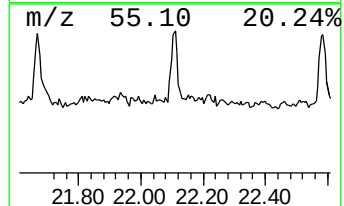
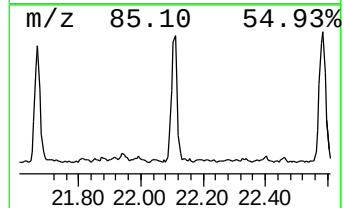
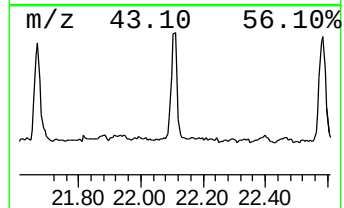
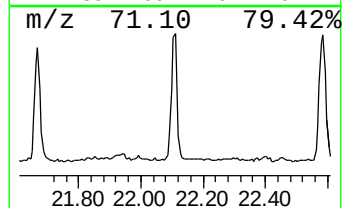
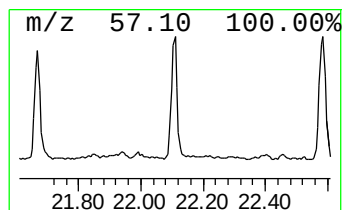
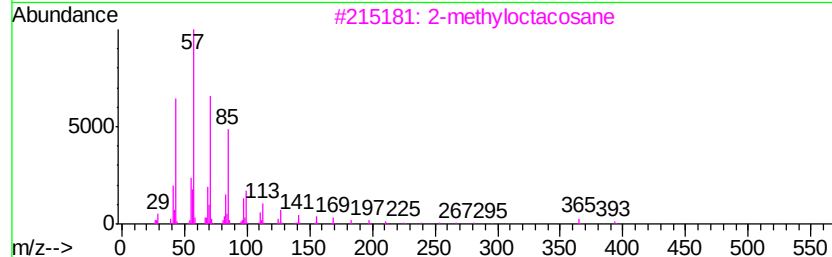
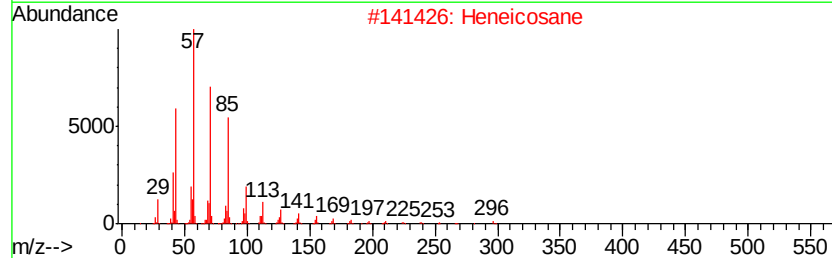
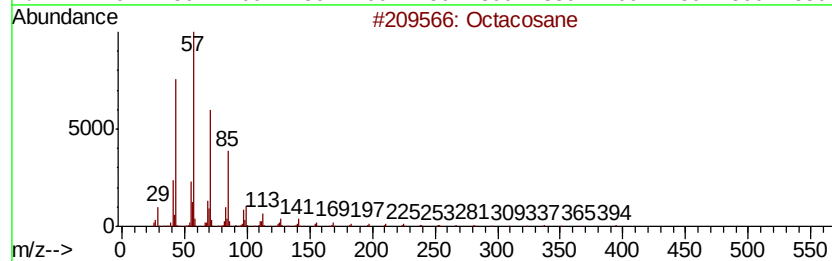
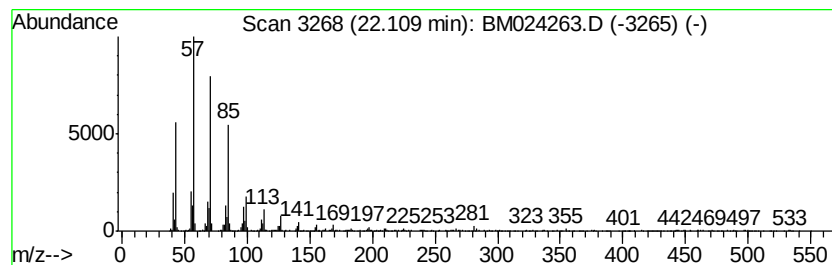
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	3.43 ng/ul	786315	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024263.D
Acq On : 24 Dec 2019 20:14
Operator : JU
Sample : K6240-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

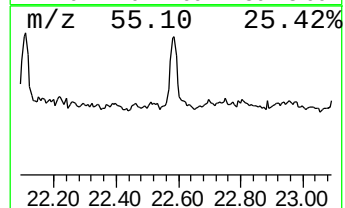
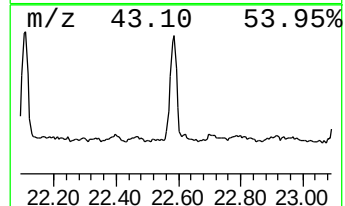
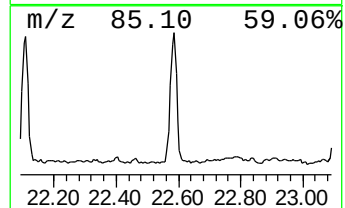
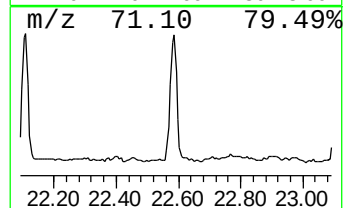
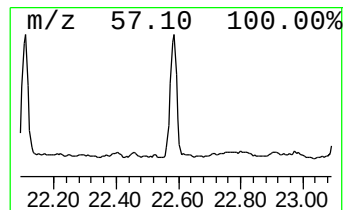
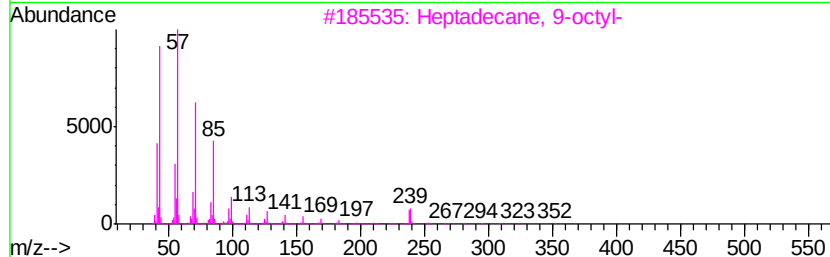
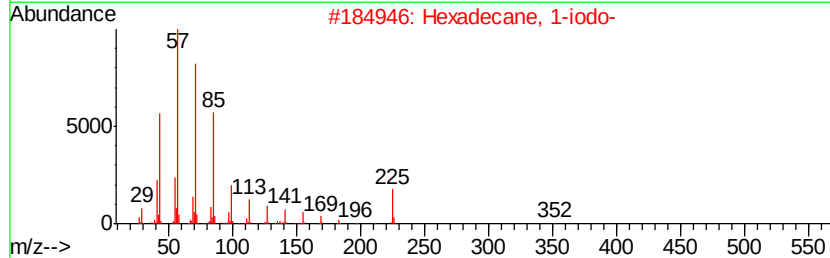
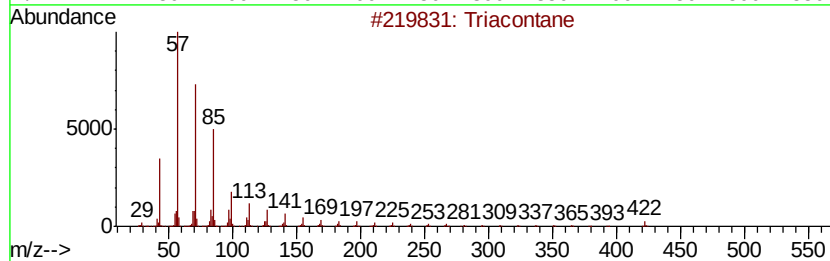
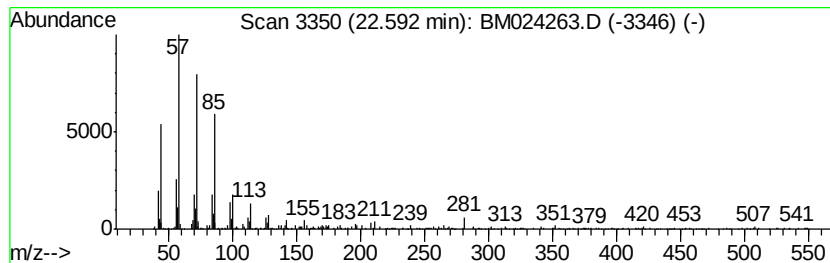
Instrument :
BNA_M
ClientSampleId :
BFQT1

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 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	3.52 ng/ul	903411	Perylene-d12	23.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Triacontane	422 C30H62	000638-68-6 97
2		Hexadecane, 1-iodo-	352 C16H33I	000544-77-4 93
3		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 93
4		Heneicosane, 11-pentyl-	366 C26H54	014739-72-1 87
5		Heneicosane	296 C21H44	000629-94-7 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024263.D
Acq On : 24 Dec 2019 20:14
Operator : JU
Sample : K6240-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQT1

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	3.1	ng/ul	692210	4	16.86	4413480	20.0
Oxalic acid, isob...	20.81	7.6	ng/ul	1744900	5	21.07	4581800	20.0
(DEL) Alkane: Str...	21.25	2.2	ng/ul	496495	5	21.07	4581800	20.0
(DEL) Alkane: Str...	21.67	3.5	ng/ul	795812	5	21.07	4581800	20.0
(DEL) Alkane: Str...	22.11	3.4	ng/ul	786315	5	21.07	4581800	20.0
(DEL) Alkane: Str...	22.59	3.5	ng/ul	903411	6	23.20	5130460	20.0