

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024250.D
 Acq On : 24 Dec 2019 12:19
 Operator : JU
 Sample : K6236-22
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFEY3

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	27	rVB2	32410	54853	1.31%	0.108%
2	3.404	84	88	93	rVB2	20759	28780	0.69%	0.056%
3	3.493	99	103	110	rVB	81568	109904	2.63%	0.216%
4	3.563	112	115	118	rVV2	12954	19482	0.47%	0.038%
5	3.610	118	123	128	rVB	27654	51279	1.23%	0.101%
6	3.687	134	136	141	rVB3	14420	16795	0.40%	0.033%
7	3.916	171	175	181	rBV	61157	82564	1.97%	0.162%
8	4.075	198	202	206	rVB7	8469	13884	0.33%	0.027%
9	4.240	228	230	235	rVB5	8929	11411	0.27%	0.022%
10	4.322	238	244	254	rBV	32012	57679	1.38%	0.113%
11	4.593	287	290	298	rVB	47755	73159	1.75%	0.144%
12	5.075	370	372	374	rBV3	3670	4352	0.10%	0.009%
13	5.681	473	475	478	rBV4	3352	4753	0.11%	0.009%
14	5.851	499	504	506	rBV3	5461	8583	0.21%	0.017%
15	6.310	579	582	587	rBV5	4805	9057	0.22%	0.018%
16	6.628	630	636	657	rVV2	534152	1078397	25.76%	2.117%
17	6.781	657	662	682	rVB	452873	815544	19.48%	1.601%
18	6.969	687	694	708	rVV	609743	1029088	24.58%	2.020%
19	7.063	708	710	717	rVB5	8799	12129	0.29%	0.024%
20	7.428	765	772	785	rVV	1085165	1751826	41.85%	3.439%
21	7.522	785	788	793	rVB4	6867	9907	0.24%	0.019%
22	8.157	890	896	909	rBV	368728	698082	16.68%	1.370%
23	8.275	912	916	924	rVB3	25059	44787	1.07%	0.088%
24	8.586	962	969	980	rBV	536295	953660	22.78%	1.872%
25	8.775	996	1001	1007	rBV8	6117	11731	0.28%	0.023%
26	9.016	1035	1042	1047	rVB	22851	37834	0.90%	0.074%
27	9.298	1081	1090	1106	rBV	418628	772426	18.45%	1.516%
28	9.839	1176	1182	1197	rBV	616790	1199321	28.65%	2.354%
29	10.198	1235	1243	1253	rBV	1510617	2566830	61.32%	5.039%
30	10.357	1263	1270	1292	rBV	385037	945462	22.59%	1.856%
31	10.516	1296	1297	1304	rVB4	4627	6216	0.15%	0.012%
32	11.504	1461	1465	1469	rVB4	3698	5027	0.12%	0.010%
33	11.816	1513	1518	1521	rBV5	7981	12018	0.29%	0.024%
34	12.569	1643	1646	1650	rVB4	3430	4685	0.11%	0.009%

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35	13.398	1782	1787	1791	rBV5	2613	4730	0.11%	0.009%
36	13.516	1801	1807	1812	rBV	1342727	1965658	46.96%	3.859%
37	13.568	1812	1816	1832	rVB	222671	373331	8.92%	0.733%
38	13.780	1845	1852	1865	rBV	1555876	2254646	53.86%	4.426%
39	14.021	1889	1893	1896	rVB5	8330	9663	0.23%	0.019%
40	14.092	1898	1905	1921	rVV2	2367403	3441759	82.22%	6.756%
41	14.263	1931	1934	1940	rVB5	2995	4719	0.11%	0.009%
42	14.357	1943	1950	1965	rBV2	156211	486706	11.63%	0.955%
43	14.557	1980	1984	1990	rVB7	22632	39503	0.94%	0.078%
44	14.792	2021	2024	2030	rVB5	3746	7022	0.17%	0.014%
45	14.880	2033	2039	2042	rVB6	5229	7505	0.18%	0.015%
46	14.915	2042	2045	2050	rBV4	5625	10121	0.24%	0.020%
47	14.974	2053	2055	2061	rVB5	7662	9825	0.23%	0.019%
48	15.092	2069	2075	2086	rBV	1992808	2978231	71.15%	5.846%
49	15.174	2086	2089	2097	rVB3	25577	32353	0.77%	0.064%
50	15.251	2097	2102	2113	rBV	318625	530620	12.68%	1.042%
51	15.339	2113	2117	2123	rVB3	24610	38546	0.92%	0.076%
52	15.539	2148	2151	2155	rBV4	9342	11376	0.27%	0.022%
53	15.845	2200	2203	2207	rVV3	14567	21774	0.52%	0.043%
54	15.880	2207	2209	2214	rVB3	8279	14371	0.34%	0.028%
55	16.009	2227	2231	2238	rVB8	5470	12618	0.30%	0.025%
56	16.109	2245	2248	2253	rVB7	4674	7446	0.18%	0.015%
57	16.409	2294	2299	2305	rBV2	43448	64594	1.54%	0.127%
58	16.527	2315	2319	2322	rBV6	5287	7547	0.18%	0.015%
59	16.639	2334	2338	2343	rBV5	16694	25705	0.61%	0.050%
60	16.780	2358	2362	2368	rBV8	6133	11535	0.28%	0.023%
61	16.851	2368	2374	2385	rVV	2710272	3858263	92.17%	7.574%
62	16.951	2385	2391	2404	rVV	1894033	2834571	67.72%	5.564%
63	17.056	2406	2409	2412	rVV5	9797	17558	0.42%	0.034%
64	17.104	2415	2417	2421	rVB	12680	14531	0.35%	0.029%
65	17.262	2437	2444	2450	rBV6	32455	63690	1.52%	0.125%
66	17.380	2461	2464	2467	rVB5	7273	8794	0.21%	0.017%
67	17.656	2508	2511	2517	rVB7	8316	14754	0.35%	0.029%
68	17.774	2527	2531	2538	rBV	156609	243784	5.82%	0.479%
69	17.962	2561	2563	2567	rVB4	6779	6821	0.16%	0.013%
70	18.009	2567	2571	2572	rBV5	4476	4826	0.12%	0.009%
71	18.074	2579	2582	2583	rBV3	8890	10330	0.25%	0.020%

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72	18.209	2602	2605	2610	rVB6	26423	34649	0.83%	0.068%
73	18.715	2689	2691	2696	rBV6	8550	10831	0.26%	0.021%
74	18.815	2706	2708	2711	rBV3	9543	10658	0.25%	0.021%
75	18.892	2718	2721	2724	rBV2	22845	29990	0.72%	0.059%
76	19.074	2748	2752	2756	rBV5	42846	73394	1.75%	0.144%
77	19.145	2761	2764	2768	rVV3	22349	31969	0.76%	0.063%
78	19.256	2778	2783	2795	rBV	2683143	3608164	86.20%	7.083%
79	20.809	3042	3047	3053	rBV2	437959	666244	15.92%	1.308%
80	21.003	3077	3080	3084	rBV	157598	168529	4.03%	0.331%
81	21.062	3086	3090	3105	rVV	2917935	4040560	96.53%	7.932%
82	21.244	3119	3121	3126	rVB2	147431	143988	3.44%	0.283%
83	21.662	3190	3192	3197	rVB	227510	267654	6.39%	0.525%
84	22.103	3264	3267	3271	rVB	363733	427522	10.21%	0.839%
85	22.580	3345	3348	3353	rVB	441335	569426	13.60%	1.118%
86	23.056	3424	3429	3435	rBV	1899503	3377794	80.69%	6.631%
87	23.109	3435	3438	3444	rVV	485747	729720	17.43%	1.432%
88	23.191	3446	3452	3469	rVB	2262461	4185988	100.00%	8.217%
89	23.709	3537	3540	3547	rVB	386597	613171	14.65%	1.204%

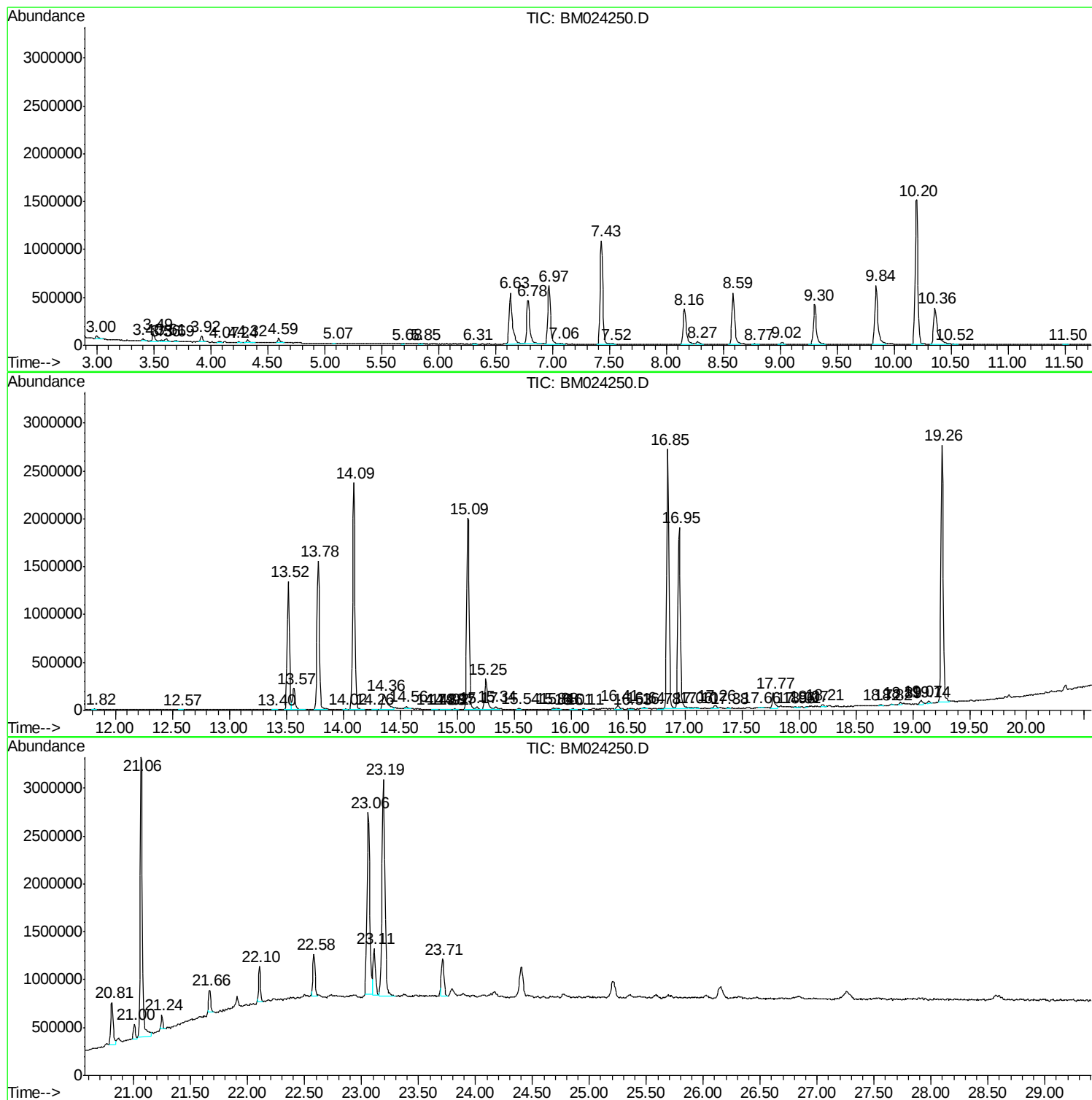
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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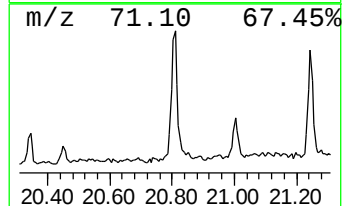
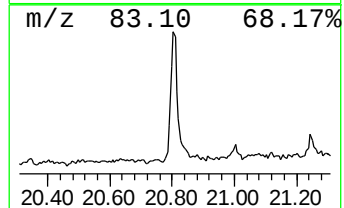
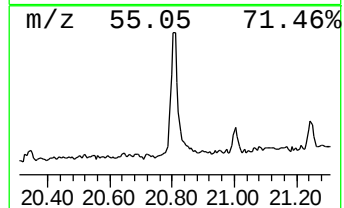
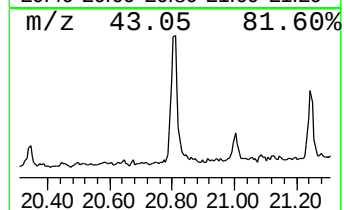
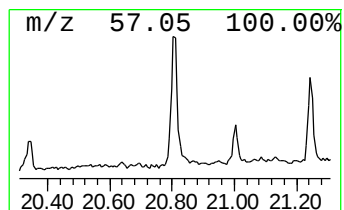
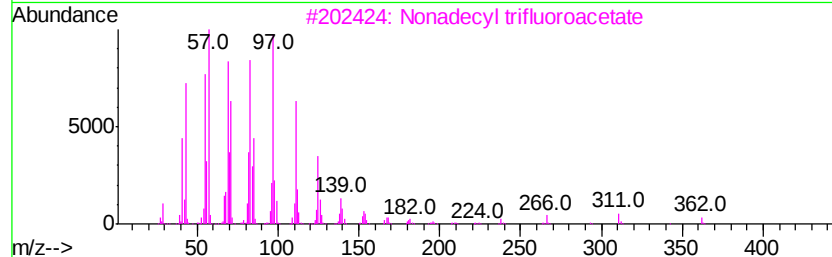
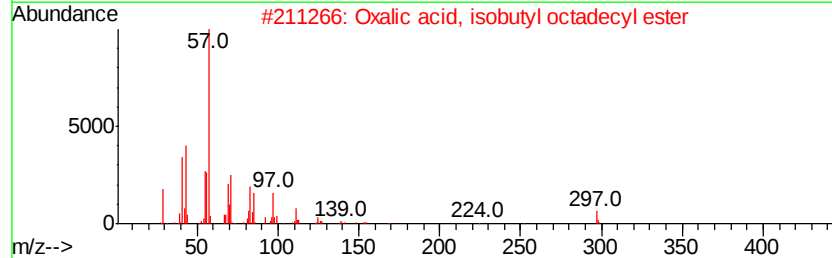
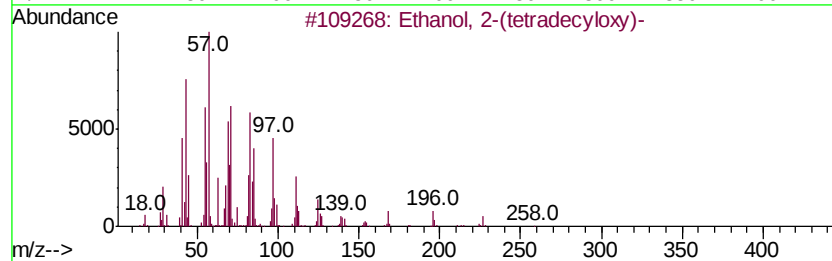
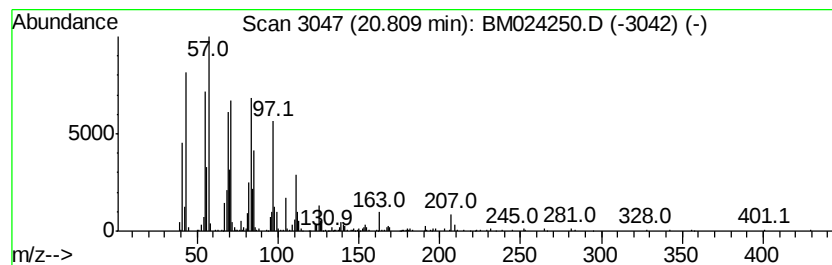
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.81	3.30 ng/ul	666244	Chrysene-d12	21.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
3		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
4		Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	86
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	76



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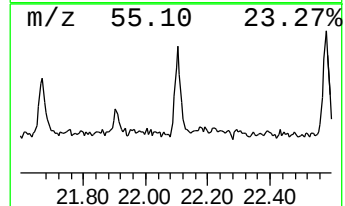
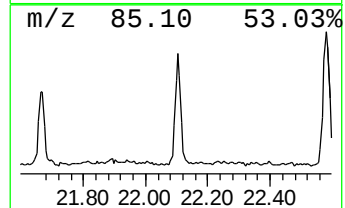
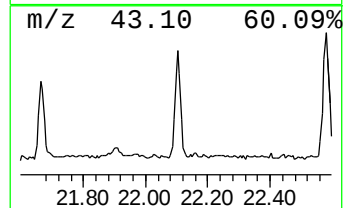
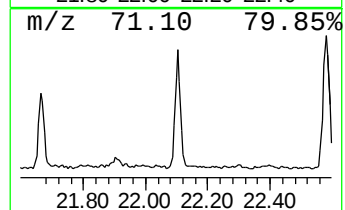
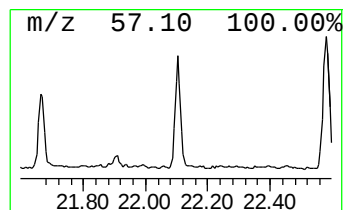
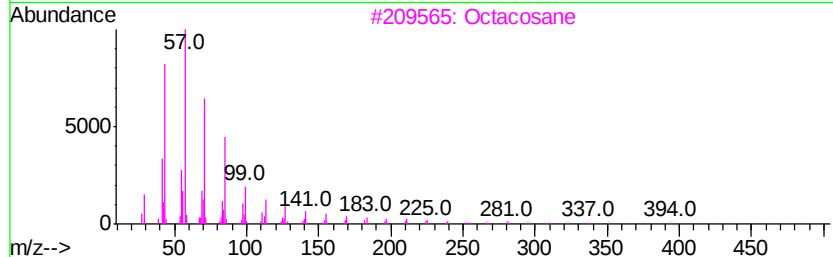
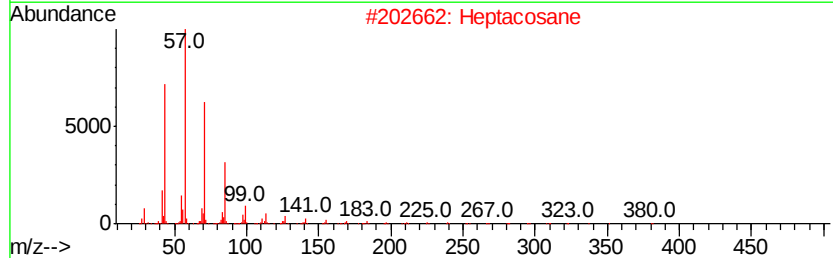
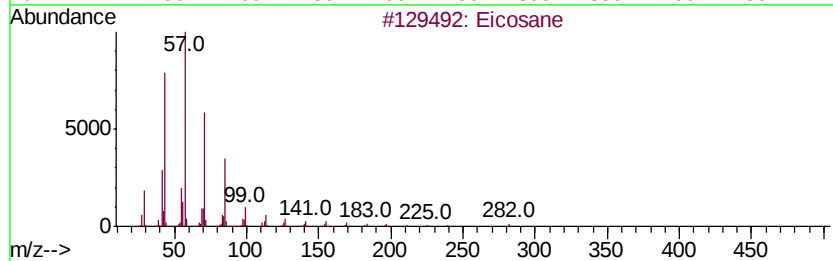
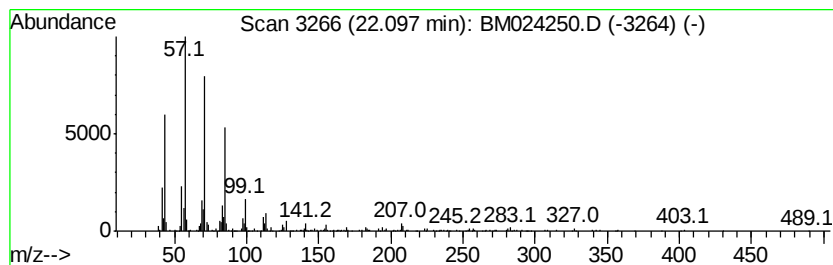
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	2.12 ng/ul	427522	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hexacosane	366	C26H54	000630-01-3	87



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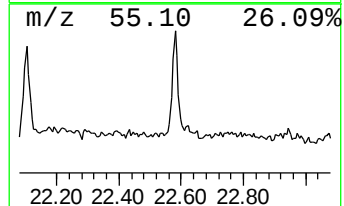
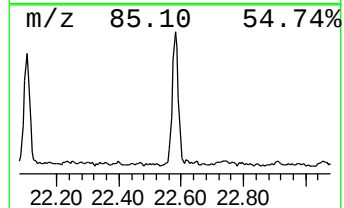
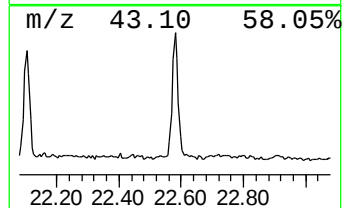
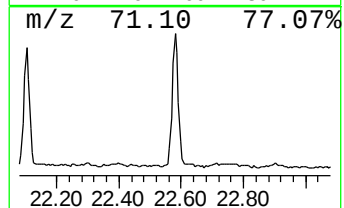
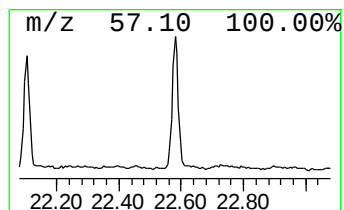
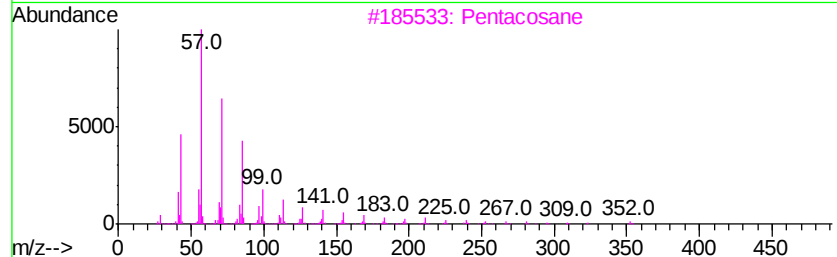
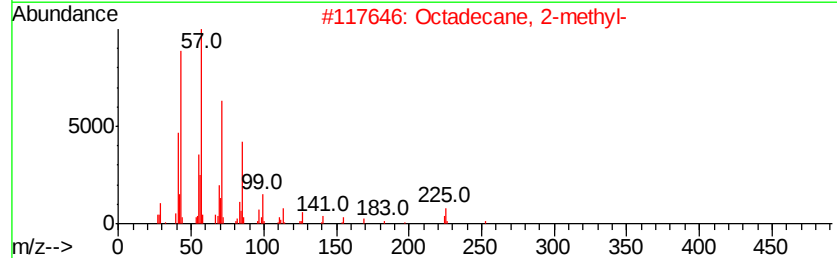
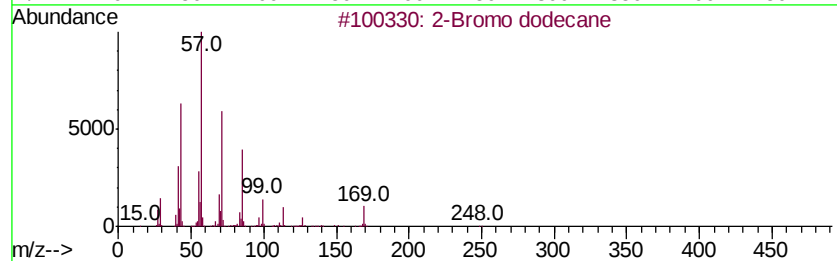
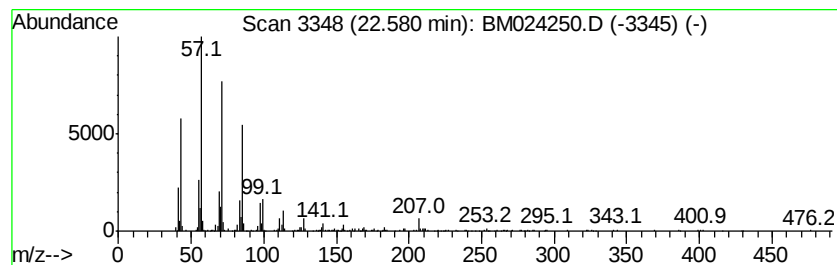
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	2.72 ng/ul	569426	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3		Pentacosane	352	C25H52	000629-99-2	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Eicosane	282	C20H42	000112-95-8	87



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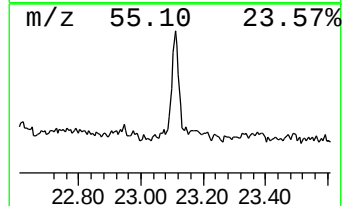
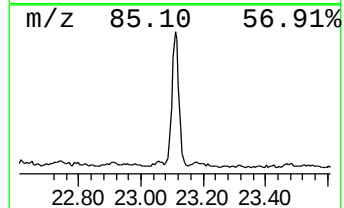
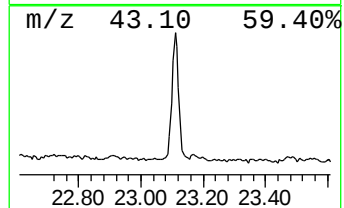
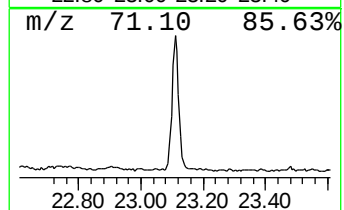
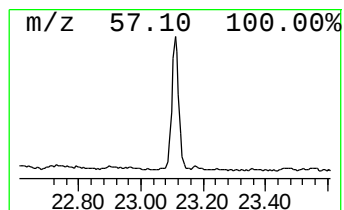
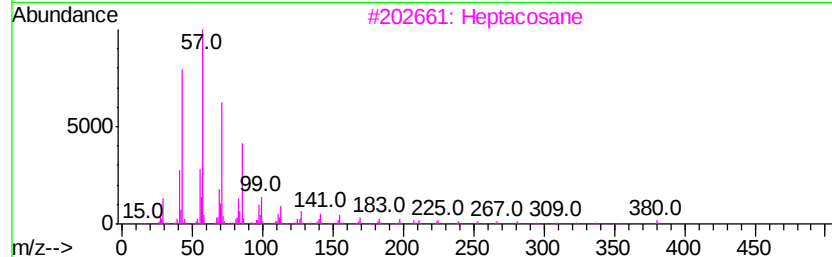
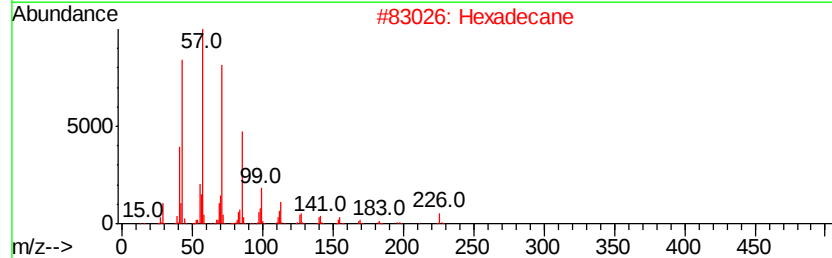
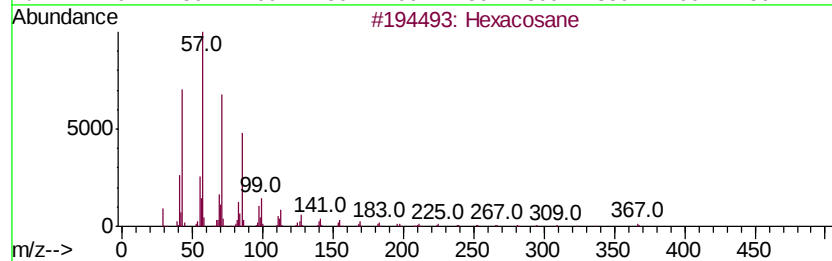
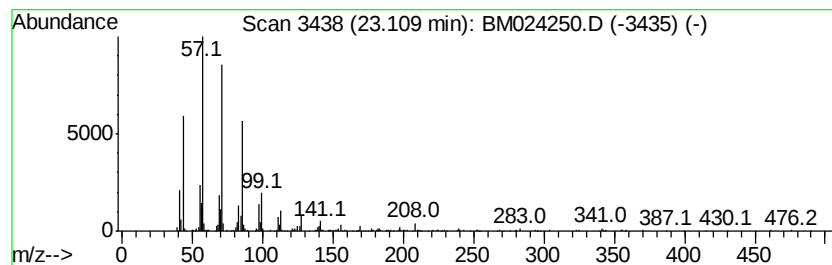
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	3.49 ng/ul	729720	Perylene-d12	23.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Heptacosane	380	C27H56	000593-49-7	86
4			Docosane, 7-hexyl-	394	C28H58	055373-86-9	86
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024250.D
Acq On : 24 Dec 2019 12:19
Operator : JU
Sample : K6236-22
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFEY3

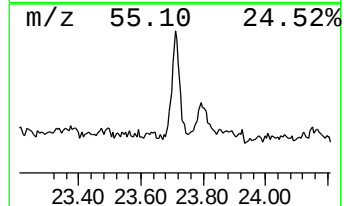
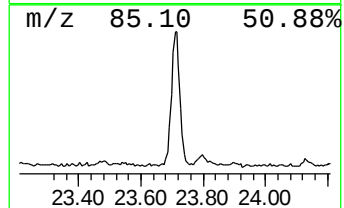
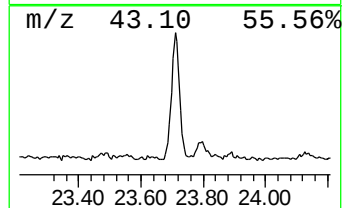
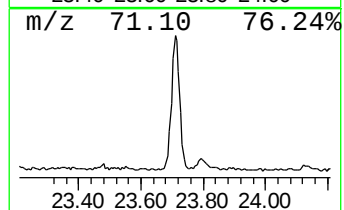
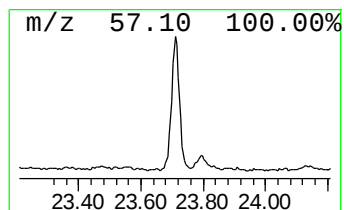
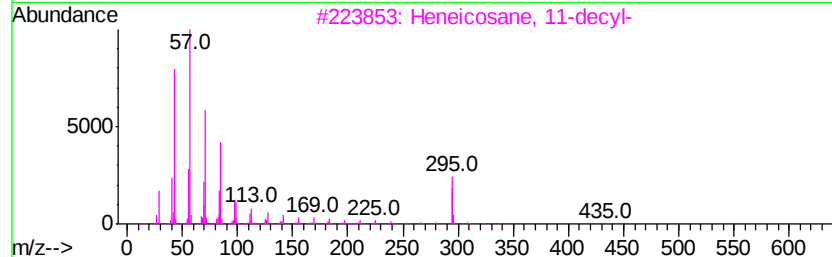
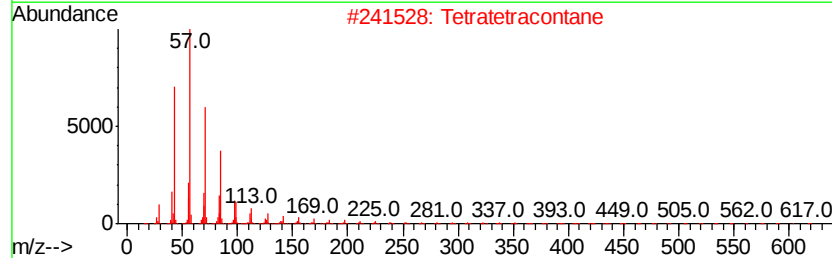
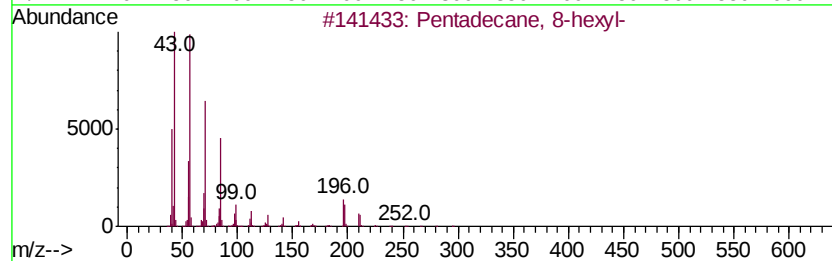
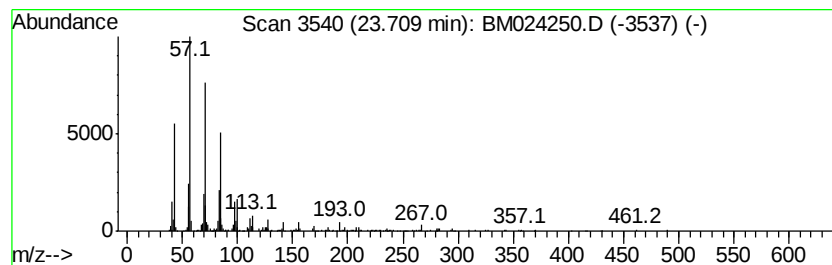
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Quant Title : SVOA CALIBRATION

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.
23.71	2.93 ng/ul	613171	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024250.D
Acq On : 24 Dec 2019 12:19
Operator : JU
Sample : K6236-22
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFEY3

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
Ethanol, 2-(tetra...	20.81	3.3	ng/ul	666244	5	21.06	4040560	20.0
(DEL) Alkane: Str...	22.10	2.1	ng/ul	427522	5	21.06	4040560	20.0
2-Bromo dodecane	22.58	2.7	ng/ul	569426	6	23.19	4185990	20.0
(DEL) Alkane: Str...	23.11	3.5	ng/ul	729720	6	23.19	4185990	20.0
(DEL) Alkane: Str...	23.71	2.9	ng/ul	613171	6	23.19	4185990	20.0