

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024225.D
 Acq On : 23 Dec 2019 20:47
 Operator : JU
 Sample : K6200-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFF25

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	57188	103001	1.56%	0.161%
2	6.634	632	637	651	rVB	207847	405273	6.15%	0.634%
3	6.787	657	663	683	rBV	701065	1213743	18.41%	1.899%
4	6.969	687	694	706	rBV	775180	1322542	20.06%	2.069%
5	7.434	767	773	784	rBV	807275	1332960	20.21%	2.085%
6	8.157	889	896	914	rBV	601737	1084405	16.44%	1.696%
7	8.586	962	969	985	rBV	838652	1479544	22.44%	2.315%
8	9.022	1036	1043	1048	rBV	25951	39827	0.60%	0.062%
9	9.304	1084	1091	1110	rBV	665971	1197997	18.17%	1.874%
10	9.839	1175	1182	1204	rBV	851965	1818960	27.58%	2.846%
11	10.198	1236	1243	1255	rBV	1190202	2004294	30.39%	3.136%
12	10.392	1271	1276	1286	rBV5	18990	53285	0.81%	0.083%
13	11.827	1516	1520	1529	rVB5	10292	21555	0.33%	0.034%
14	13.074	1728	1732	1739	rVB6	19553	30280	0.46%	0.047%
15	13.521	1801	1808	1813	rBV	2341139	3211226	48.70%	5.024%
16	13.568	1813	1816	1829	rVB	109856	181792	2.76%	0.284%
17	13.786	1846	1853	1869	rBV	2367230	3625900	54.99%	5.672%
18	14.027	1890	1894	1899	rVB5	7320	10031	0.15%	0.016%
19	14.098	1899	1906	1922	rBV2	1882887	2994812	45.42%	4.685%
20	14.368	1947	1952	1966	rBV4	68936	217766	3.30%	0.341%
21	14.562	1980	1985	1990	rVV8	9791	16913	0.26%	0.026%
22	14.639	1993	1998	2002	rBV7	6848	6769	0.10%	0.011%
23	14.874	2032	2038	2043	rBV	73212	104128	1.58%	0.163%
24	14.927	2043	2047	2049	rVV5	5956	9092	0.14%	0.014%
25	14.986	2053	2057	2062	rVB5	7772	10935	0.17%	0.017%
26	15.098	2070	2076	2090	rBV	3415357	4933857	74.82%	7.719%
27	15.251	2096	2102	2114	rBV	919120	1420551	21.54%	2.222%
28	15.339	2114	2117	2122	rVB2	35703	56486	0.86%	0.088%
29	15.545	2148	2152	2156	rVB6	8543	10788	0.16%	0.017%
30	15.686	2171	2176	2178	rBV4	5570	8020	0.12%	0.013%
31	15.851	2201	2204	2207	rBV4	8118	7436	0.11%	0.012%
32	15.892	2207	2211	2212	rBV4	16630	21335	0.32%	0.033%
33	15.951	2219	2221	2222	rBV2	7614	7258	0.11%	0.011%
34	16.015	2230	2232	2238	rVB5	6743	9224	0.14%	0.014%

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35	16.198	2255	2263	2265	rBV7	5204	10714	0.16%	0.017%
36	16.427	2299	2302	2305	rBV4	6752	8787	0.13%	0.014%
37	16.539	2317	2321	2322	rBV4	8383	6963	0.11%	0.011%
38	16.645	2335	2339	2342	rBV4	21937	32042	0.49%	0.050%
39	16.692	2345	2347	2349	rVV3	11672	12554	0.19%	0.020%
40	16.739	2352	2355	2359	rVB4	11980	17421	0.26%	0.027%
41	16.851	2368	2374	2383	rBV	2355237	3369553	51.10%	5.271%
42	16.951	2384	2391	2407	rVV	3625161	5176027	78.49%	8.097%
43	17.109	2414	2418	2423	rVB	27970	35579	0.54%	0.056%
44	17.192	2425	2432	2433	rBV6	13509	26032	0.39%	0.041%
45	17.398	2465	2467	2473	rBV6	10329	14121	0.21%	0.022%
46	17.662	2509	2512	2516	rBV5	23419	38595	0.59%	0.060%
47	17.780	2527	2532	2538	rBV	339774	508424	7.71%	0.795%
48	18.086	2580	2584	2587	rBV5	31436	55488	0.84%	0.087%
49	18.545	2659	2662	2666	rBV4	38947	58045	0.88%	0.091%
50	18.721	2688	2692	2697	rBV3	49007	91504	1.39%	0.143%
51	18.897	2718	2722	2725	rBV	66385	93300	1.41%	0.146%
52	19.074	2748	2752	2759	rBV2	206687	367010	5.57%	0.574%
53	19.150	2762	2765	2769	rVB3	52678	80825	1.23%	0.126%
54	19.262	2778	2784	2789	rBV	4671748	6328817	95.98%	9.901%
55	19.509	2823	2826	2832	rBV4	50450	82978	1.26%	0.130%
56	20.809	3043	3047	3055	rBV	588380	841209	12.76%	1.316%
57	21.068	3086	3091	3103	rBV	2916656	3989936	60.51%	6.242%
58	21.244	3119	3121	3132	rVB2	136102	209335	3.17%	0.327%
59	21.668	3190	3193	3203	rVB	247408	316790	4.80%	0.496%
60	22.109	3264	3268	3274	rBV	365044	477473	7.24%	0.747%
61	22.585	3345	3349	3354	rVB	449194	585004	8.87%	0.915%
62	23.062	3424	3430	3436	rBV	3717756	6594162	100.00%	10.316%
63	23.115	3436	3439	3445	rVV	526008	768081	11.65%	1.202%
64	23.197	3447	3453	3465	rVB	2212218	4098259	62.15%	6.411%
65	23.715	3537	3541	3548	rVB	395052	654642	9.93%	1.024%

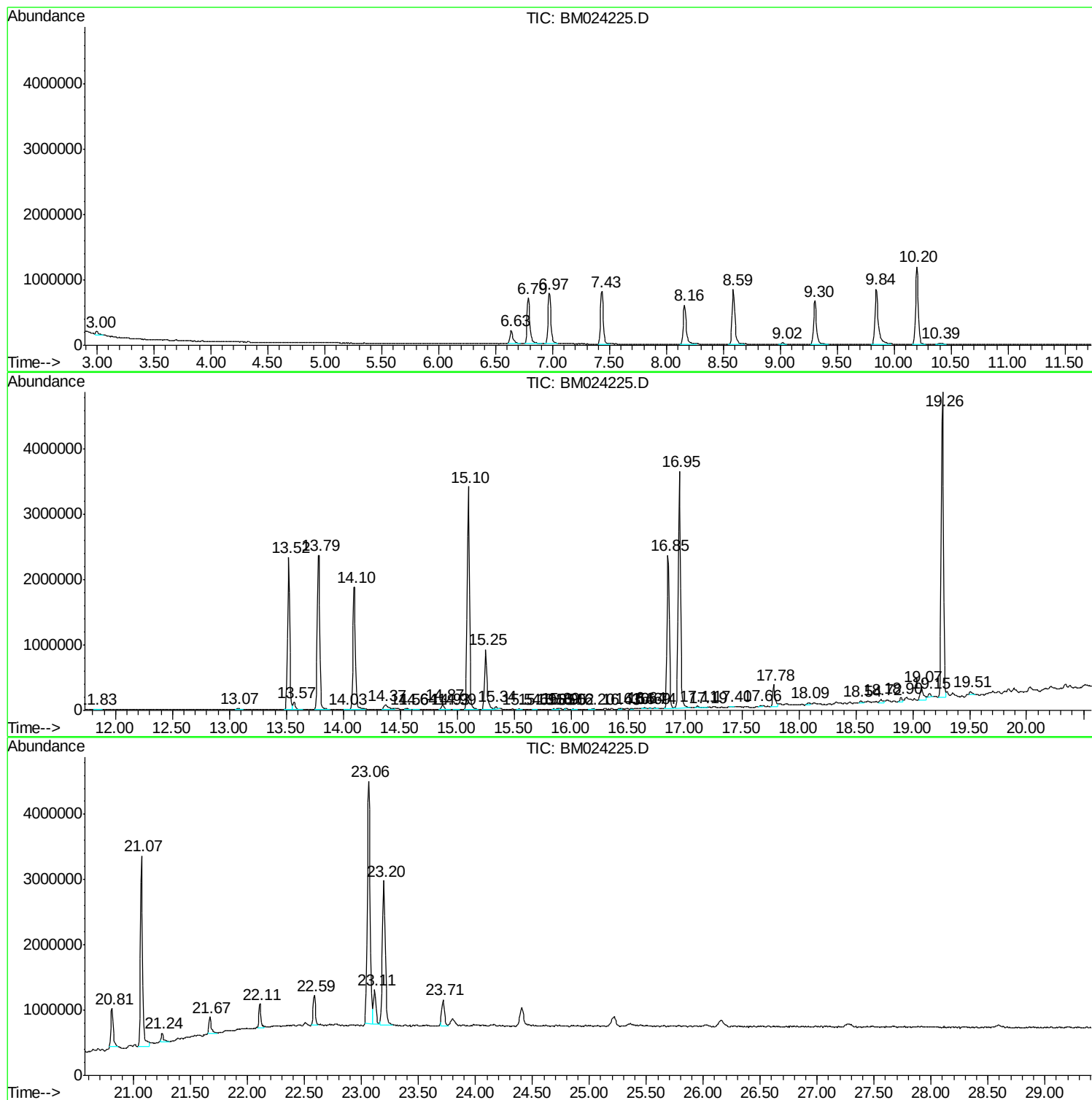
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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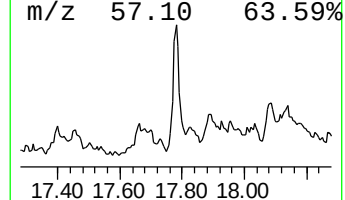
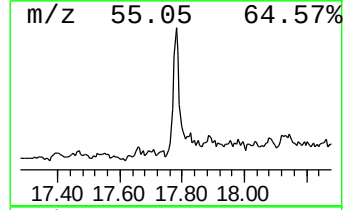
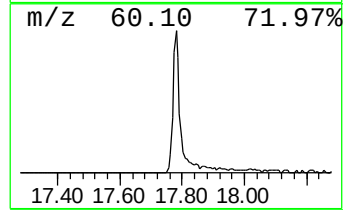
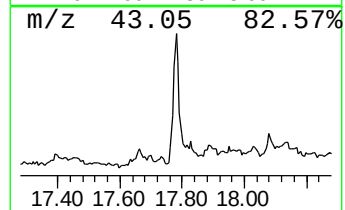
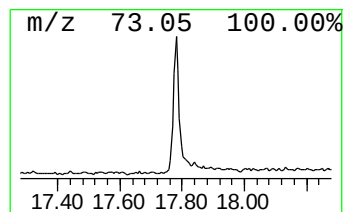
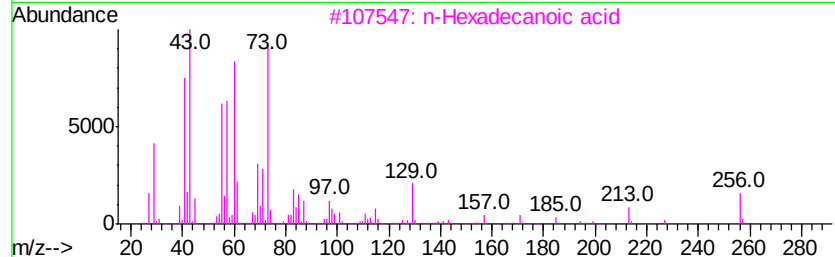
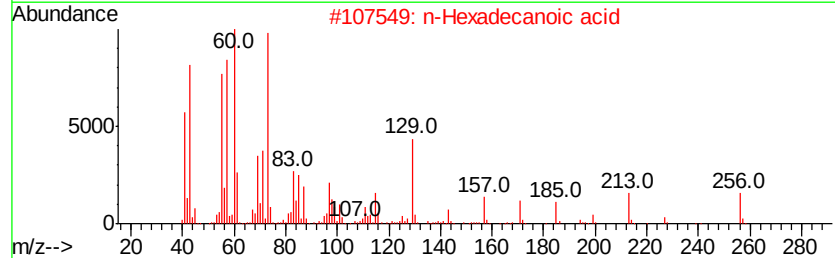
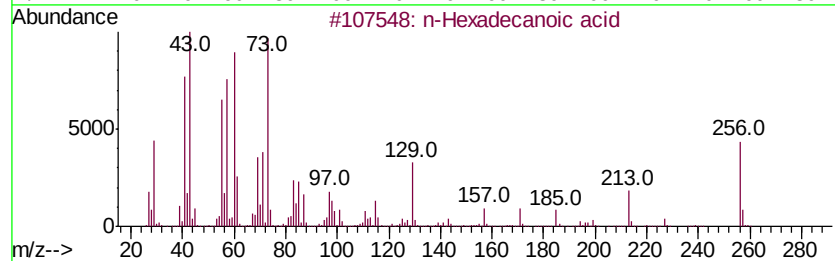
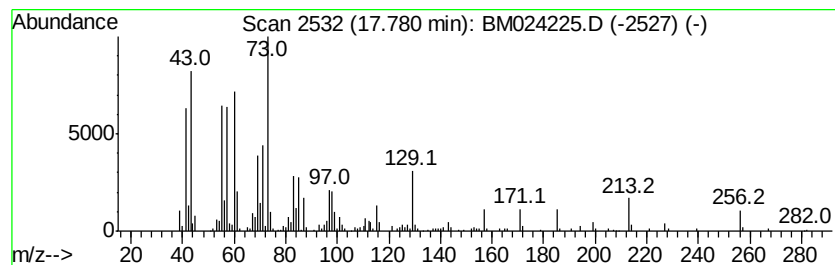
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.78	3.02 ng/ul	508424	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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38



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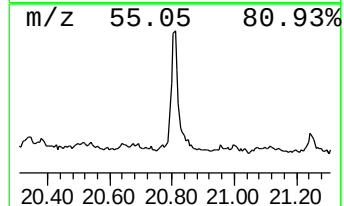
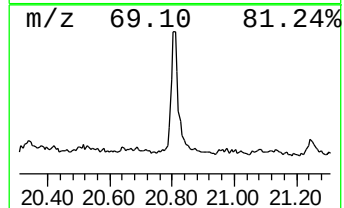
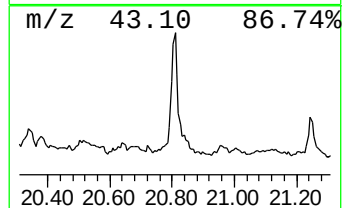
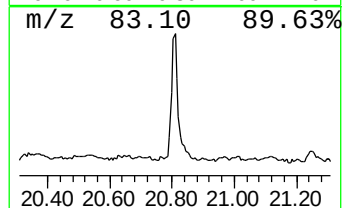
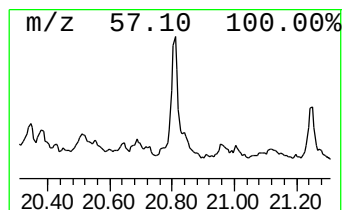
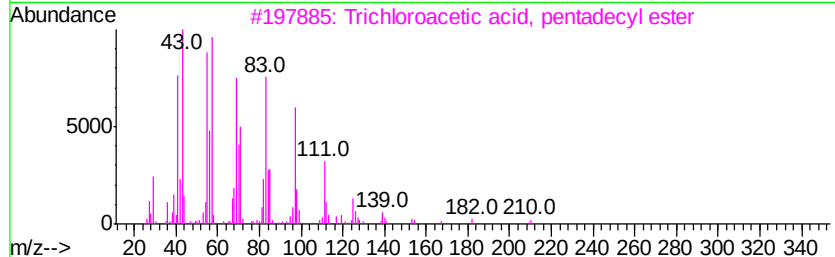
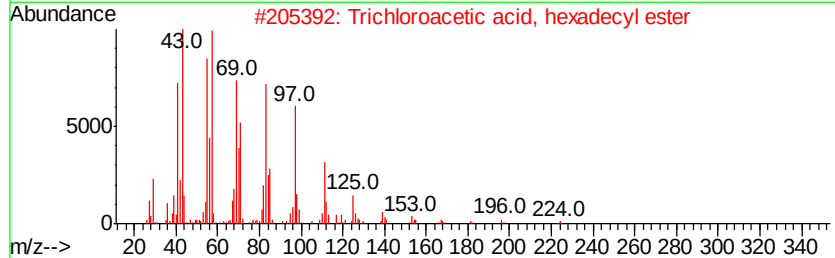
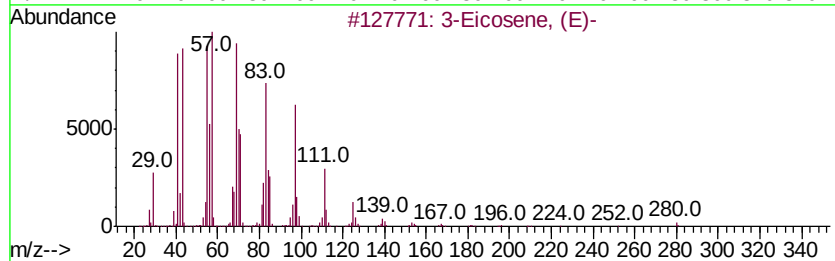
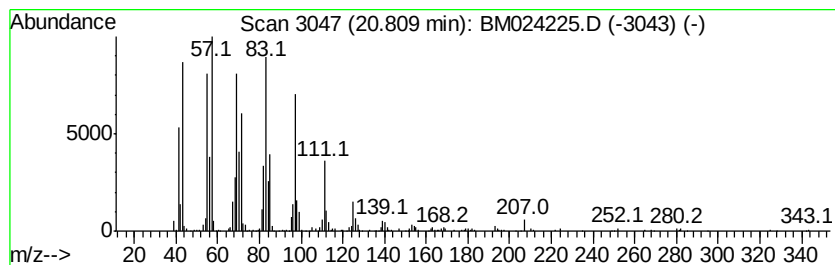
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	4.22 ng/ul	841209	Chrysene-d12	21.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Eicosene, (E)-	280	C20H40		074685-33-9	98
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2		074339-54-1	94	
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2		074339-53-0	91	
4	E-7-Octadecene	252	C18H36		1000130-92-0	90	
5	n-Nonadecanol-1	284	C19H40O		001454-84-8	90	



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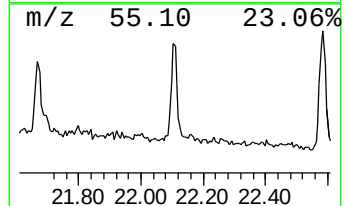
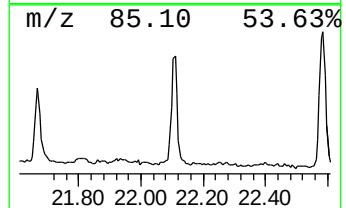
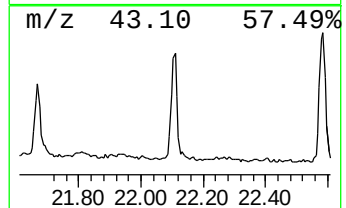
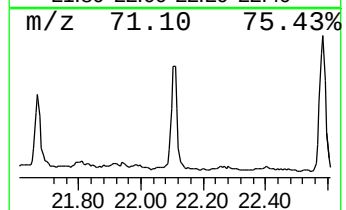
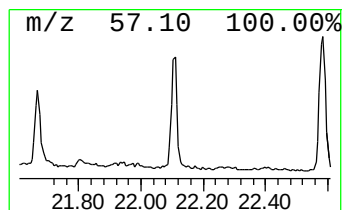
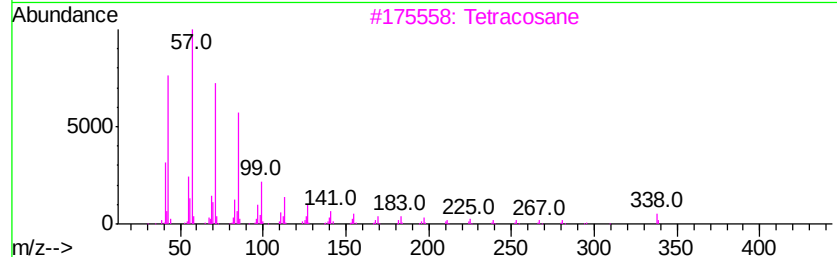
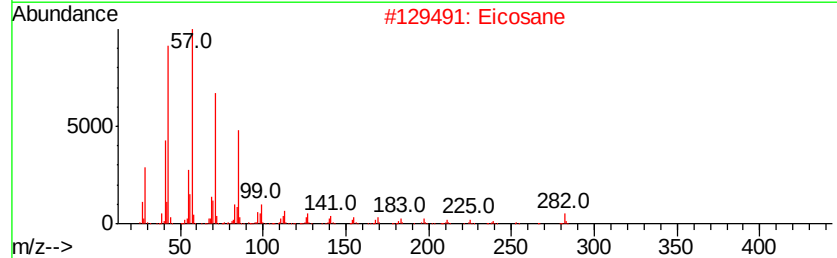
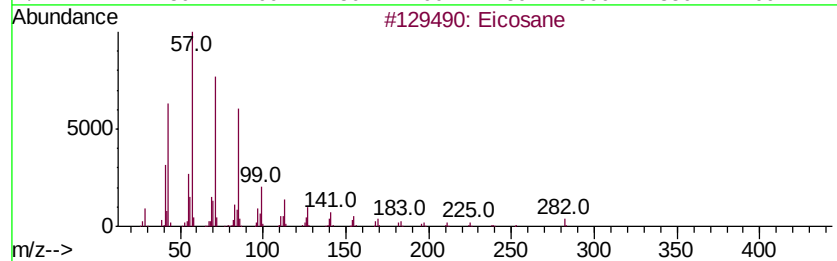
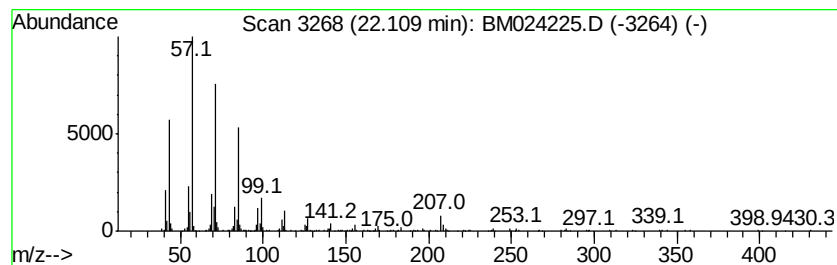
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	2.39 ng/ul	477473	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



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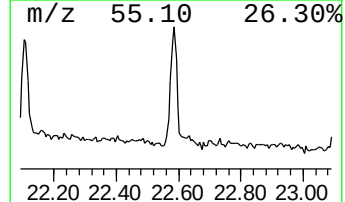
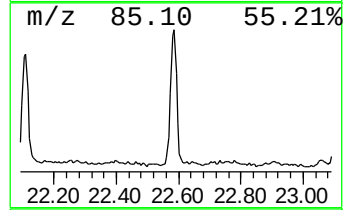
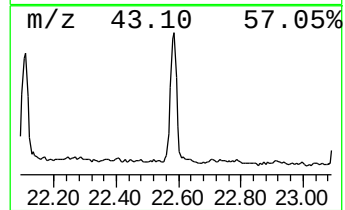
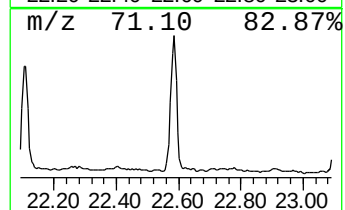
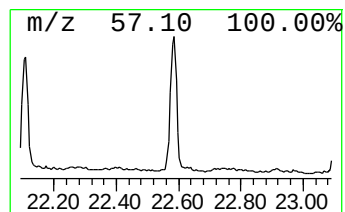
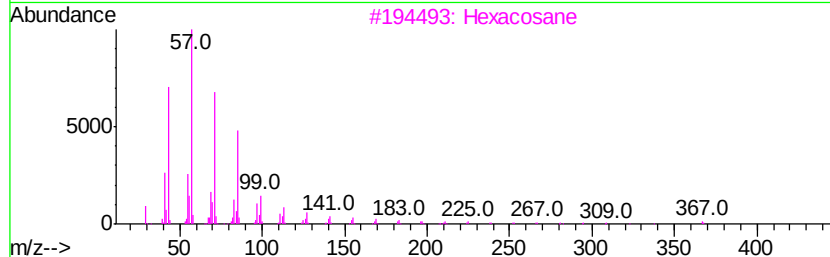
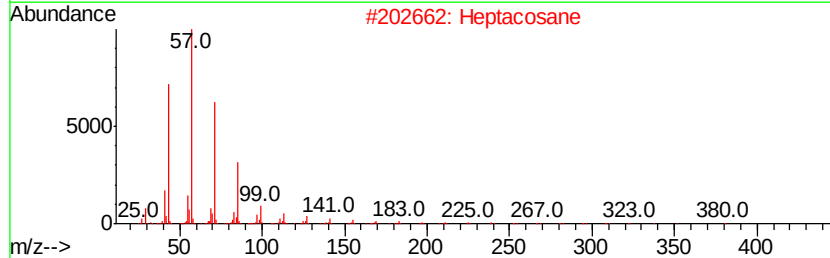
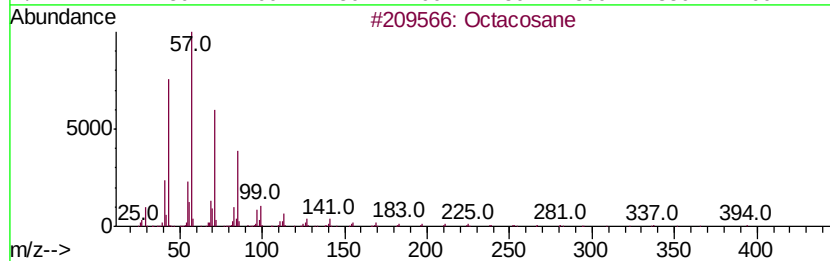
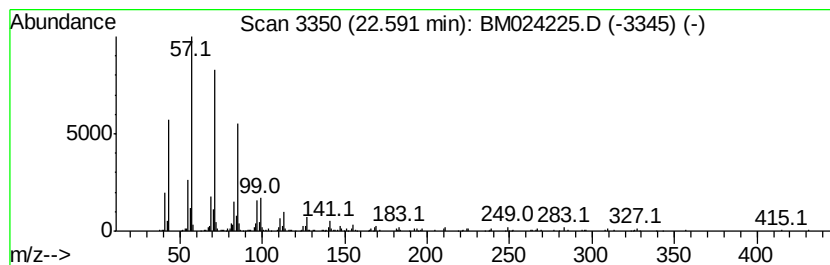
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	2.85 ng/ul	585004	Perylene-d12	23.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



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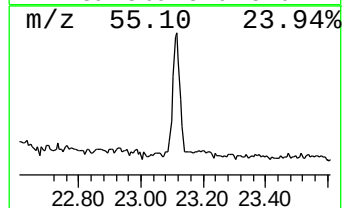
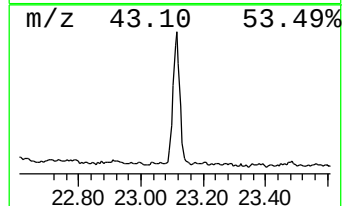
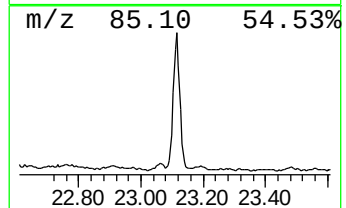
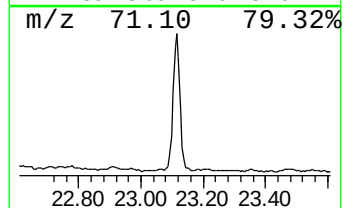
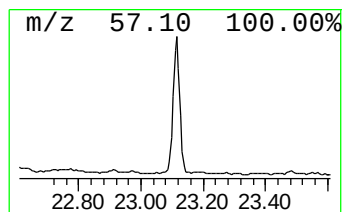
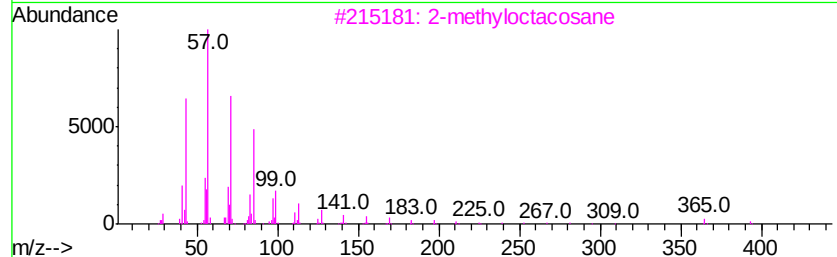
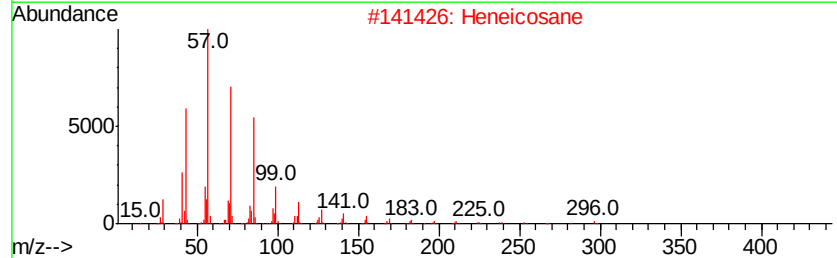
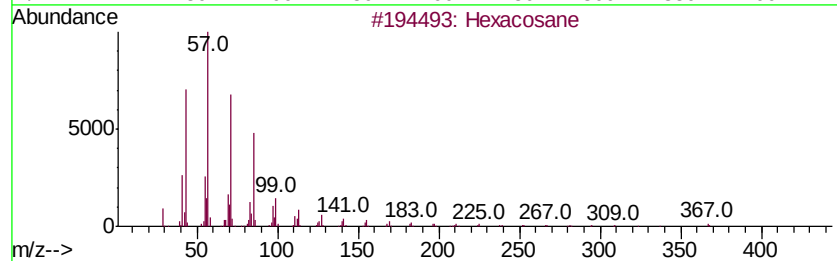
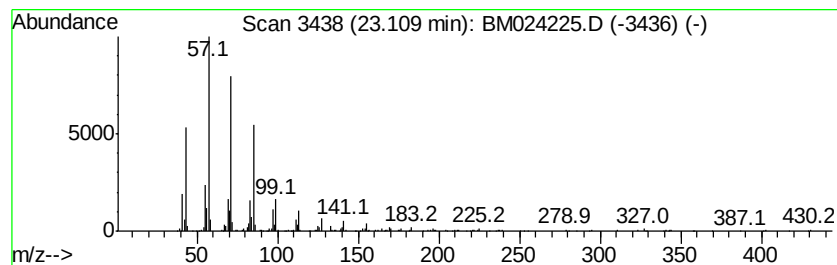
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	3.75 ng/ul	768081	Perylene-d12	23.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024225.D
Acq On : 23 Dec 2019 20:47
Operator : JU
Sample : K6200-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF25

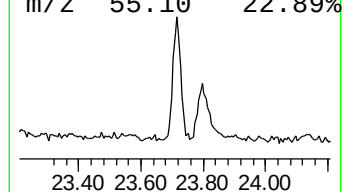
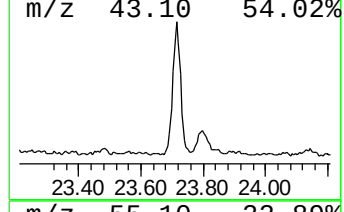
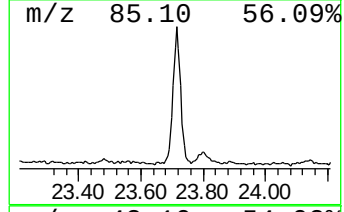
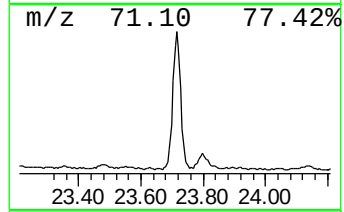
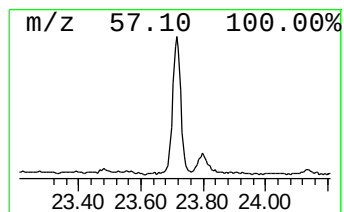
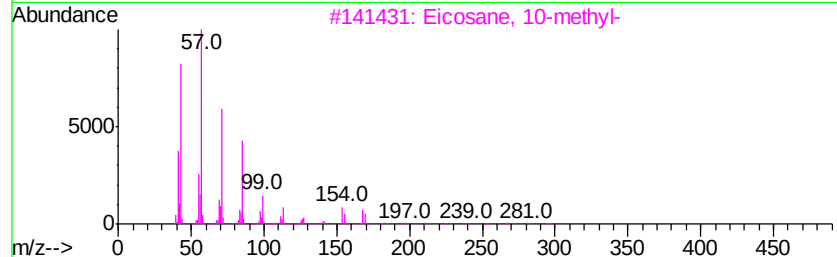
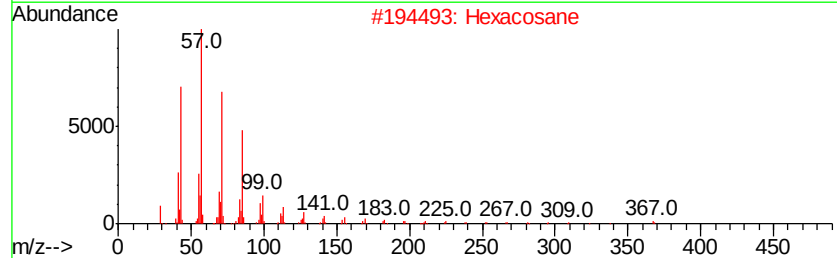
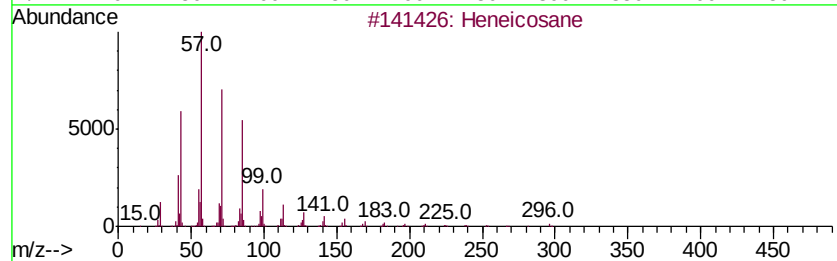
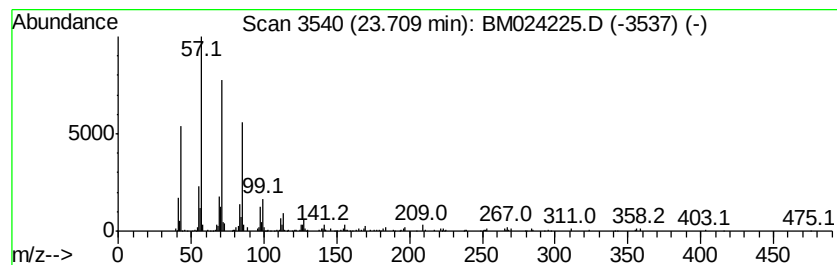
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.71	3.19 ng/ul	654642	Perylene-d12	23.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	81
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024225.D
Acq On : 23 Dec 2019 20:47
Operator : JU
Sample : K6200-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF25

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	3.0	ng/ul	508424	4	16.85	3369550	20.0
(DEL) Alkane: Cyc...	20.81	4.2	ng/ul	841209	5	21.07	3989940	20.0
(DEL) Alkane: Str...	22.11	2.4	ng/ul	477473	5	21.07	3989940	20.0
(DEL) Alkane: Str...	22.59	2.9	ng/ul	585004	6	23.20	4098260	20.0
(DEL) Alkane: Str...	23.11	3.8	ng/ul	768081	6	23.20	4098260	20.0
(DEL) Alkane: Str...	23.71	3.2	ng/ul	654642	6	23.20	4098260	20.0