

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
 Data File : BM024449.D
 Acq On : 10 Jan 2020 06:24
 Operator : JU
 Sample : K6466-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BP9

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-BM010820MA.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	6.681	640	645	654	rVB	224065	367645	5.49%	0.597%
2	6.840	667	672	681	rVB	735826	1100768	16.43%	1.787%
3	7.034	699	705	711	rBV	808791	1224359	18.27%	1.988%
4	7.493	777	783	791	rVB	1073341	1643792	24.53%	2.669%
5	8.198	898	903	912	rVB	588001	871874	13.01%	1.416%
6	8.628	970	976	985	rVB	994661	1584507	23.65%	2.573%
7	9.345	1092	1098	1104	rBV	561550	895686	13.37%	1.454%
8	9.881	1183	1189	1199	rBV	1033330	1648574	24.60%	2.677%
9	10.251	1246	1252	1260	rVB	1314553	2104752	31.41%	3.418%
10	10.386	1270	1275	1282	rVB2	111789	185049	2.76%	0.300%
11	11.845	1521	1523	1531	rVB3	23828	32841	0.49%	0.053%
12	11.922	1533	1536	1539	rVB2	14007	17375	0.26%	0.028%
13	12.492	1632	1633	1638	rBV	11285	14172	0.21%	0.023%
14	12.780	1680	1682	1686	rVB3	9229	11164	0.17%	0.018%
15	13.557	1808	1814	1819	rBV	2194430	2921264	43.60%	4.743%
16	13.604	1819	1822	1828	rVB	131977	178982	2.67%	0.291%
17	13.822	1852	1859	1867	rVB	2293513	3305832	49.34%	5.368%
18	14.092	1901	1905	1906	rBV4	5135	6898	0.10%	0.011%
19	14.133	1906	1912	1920	rVV2	1854640	2718464	40.57%	4.414%
20	14.192	1920	1922	1930	rVB6	15319	23926	0.36%	0.039%
21	14.339	1942	1947	1959	rBV3	150744	298218	4.45%	0.484%
22	14.510	1972	1976	1979	rVB4	9348	11778	0.18%	0.019%
23	14.610	1989	1993	1999	rVB7	7630	11426	0.17%	0.019%
24	14.680	1999	2005	2008	rBV7	26541	39730	0.59%	0.065%
25	14.745	2014	2016	2021	rBV5	5872	12427	0.19%	0.020%
26	14.804	2021	2026	2030	rVV7	7651	14760	0.22%	0.024%
27	14.904	2040	2043	2049	rVB7	9913	19333	0.29%	0.031%
28	15.133	2074	2082	2090	rBV	2947719	4130701	61.65%	6.707%
29	15.251	2095	2102	2111	rVV	659117	945875	14.12%	1.536%
30	15.333	2115	2116	2119	rVV3	12112	8426	0.13%	0.014%
31	15.380	2119	2124	2128	rVV5	35527	54948	0.82%	0.089%
32	15.433	2129	2133	2137	rVB7	8470	16761	0.25%	0.027%
33	15.698	2174	2178	2179	rBV4	10855	10304	0.15%	0.017%
34	15.921	2213	2216	2222	rVB8	13635	23963	0.36%	0.039%

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35	16.257	2271	2273	2276	rVV4	5596	7977	0.12%	0.013%
36	16.298	2276	2280	2283	rVB5	6293	10096	0.15%	0.016%
37	16.563	2321	2325	2329	rBV6	5484	8231	0.12%	0.013%
38	16.668	2341	2343	2345	rBV3	10812	13006	0.19%	0.021%
39	16.774	2357	2361	2363	rBV4	5702	9522	0.14%	0.015%
40	16.886	2374	2380	2388	rVB	2349109	3194638	47.68%	5.187%
41	16.980	2390	2396	2404	rBV	3451614	4871057	72.70%	7.909%
42	17.210	2428	2435	2437	rBV4	13330	19589	0.29%	0.032%
43	17.321	2451	2454	2459	rVB7	7874	10105	0.15%	0.016%
44	17.445	2472	2475	2480	rVB4	8825	15711	0.23%	0.026%
45	17.492	2480	2483	2486	rBV5	6652	10634	0.16%	0.017%
46	17.827	2535	2540	2547	rBV2	214690	306282	4.57%	0.497%
47	17.880	2547	2549	2552	rVB4	7710	8672	0.13%	0.014%
48	18.268	2611	2615	2618	rVB6	5532	7713	0.12%	0.013%
49	18.586	2666	2669	2673	rVB6	6998	8663	0.13%	0.014%
50	18.633	2673	2677	2680	rBV5	10279	11879	0.18%	0.019%
51	18.692	2683	2687	2692	rVB8	9408	17749	0.26%	0.029%
52	18.739	2692	2695	2699	rBV4	5112	8603	0.13%	0.014%
53	18.915	2720	2725	2731	rBV	40893	59899	0.89%	0.097%
54	19.086	2751	2754	2756	rBV3	6389	7680	0.11%	0.012%
55	19.121	2756	2760	2764	rVV3	91548	121340	1.81%	0.197%
56	19.168	2764	2768	2777	rVB2	41103	70070	1.05%	0.114%
57	19.286	2782	2788	2796	rVV	4699007	6126261	91.43%	9.948%
58	19.903	2890	2893	2896	rBV4	15144	23018	0.34%	0.037%
59	20.403	2975	2978	2981	rBV5	23586	23266	0.35%	0.038%
60	20.856	3050	3055	3060	rBV2	345515	555604	8.29%	0.902%
61	21.092	3090	3095	3103	rBV	3171517	3800436	56.72%	6.171%
62	21.309	3128	3132	3136	rBV	217051	235944	3.52%	0.383%
63	21.727	3200	3203	3214	rVB	376720	485733	7.25%	0.789%
64	22.174	3275	3279	3289	rBV	548585	736496	10.99%	1.196%
65	22.662	3357	3362	3367	rBV	660681	892595	13.32%	1.449%
66	23.092	3428	3435	3446	rVB	4021105	6700479	100.00%	10.880%
67	23.221	3449	3457	3469	rVB	2560719	5265744	78.59%	8.550%
68	23.815	3553	3558	3564	rBV	509515	859902	12.83%	1.396%
69	24.521	3673	3678	3689	rVB2	301320	624598	9.32%	1.014%

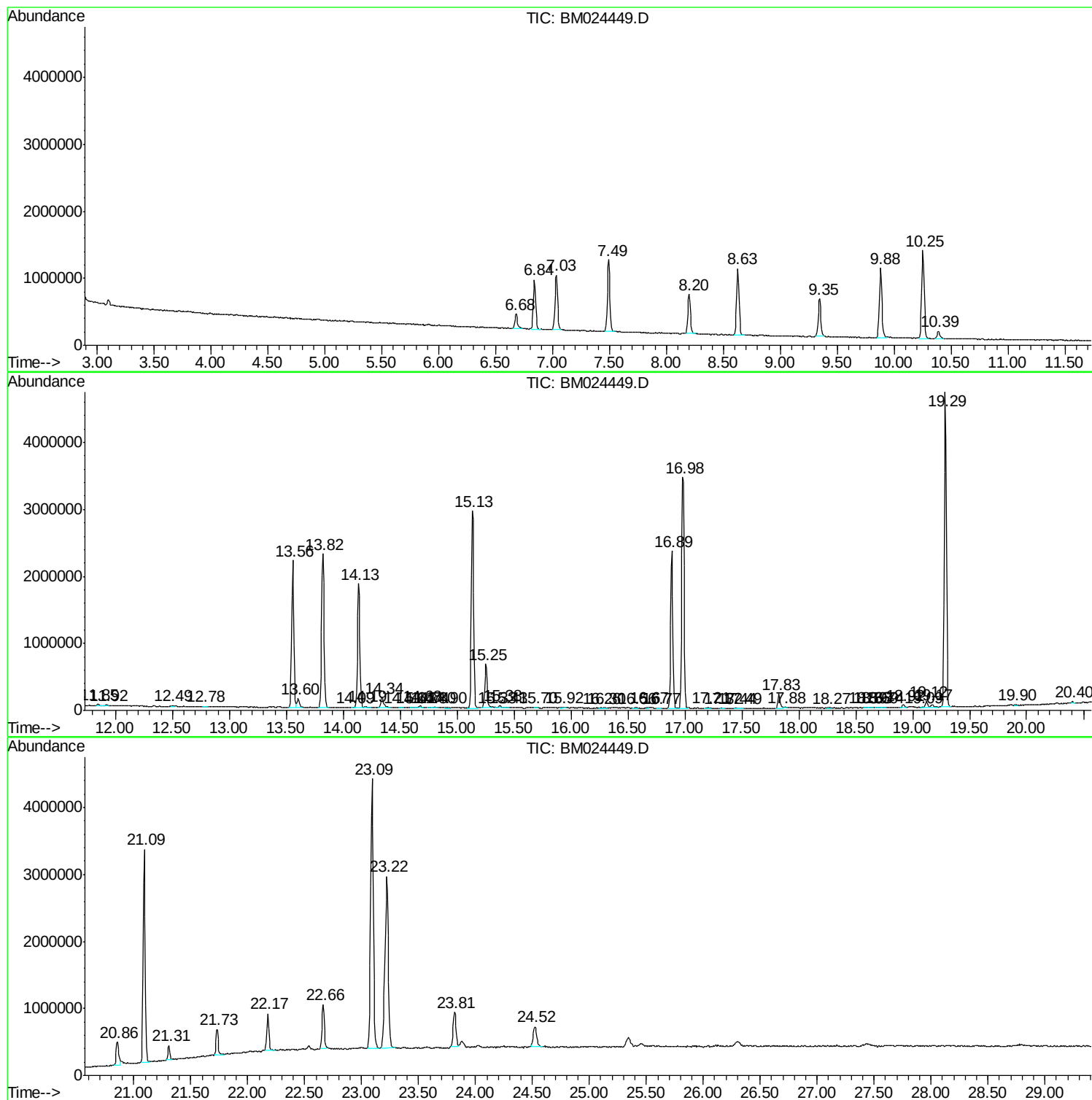
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Quant Title : SVOA CALIBRATION

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



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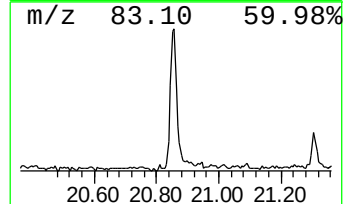
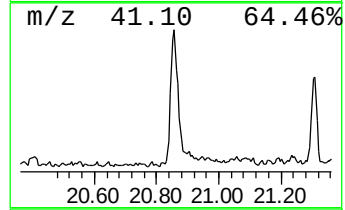
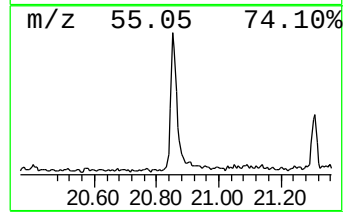
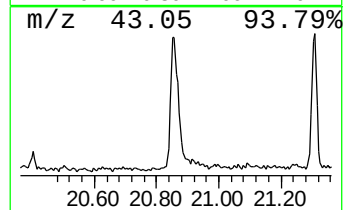
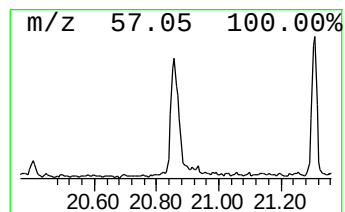
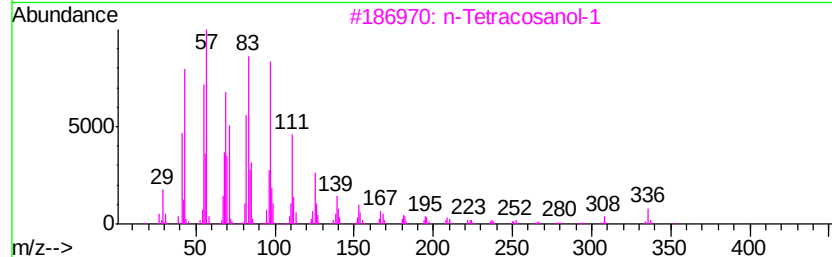
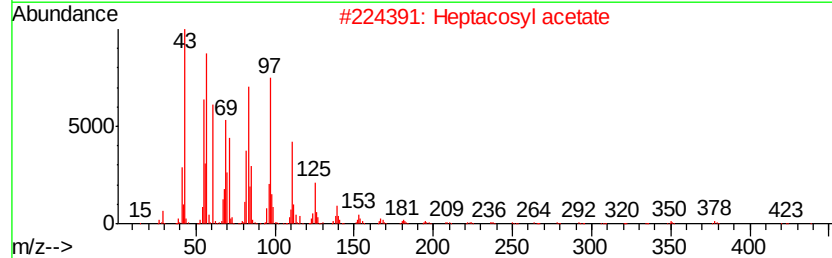
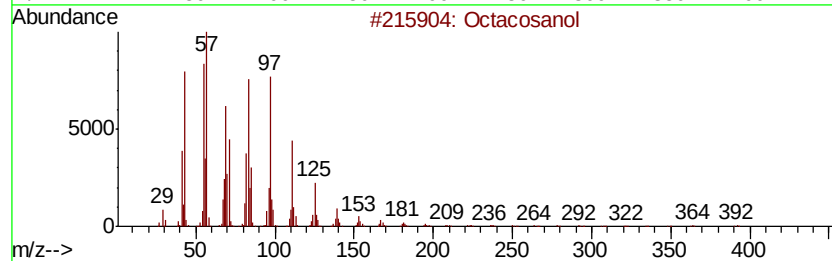
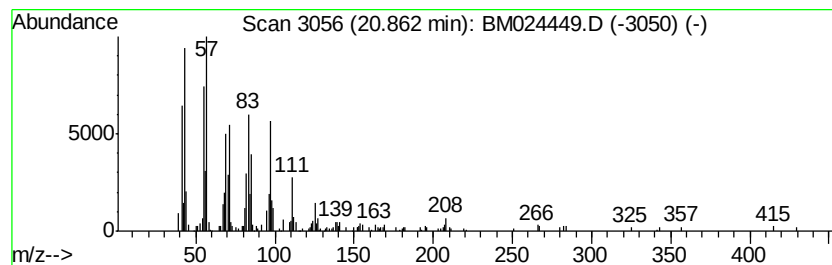
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Octacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.92 ng/ul	555604	Chrysene-d12	21.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosanol	410 C28H58O	000557-61-9	94
2	Heptacosyl acetate	438 C29H58O2	1000351-78-2	94
3	n-Tetracosanol-1	354 C24H50O	000506-51-4	94
4	n-Tetracosanol-1	354 C24H50O	000506-51-4	94
5	1-Heneicosanol	312 C21H44O	015594-90-8	93



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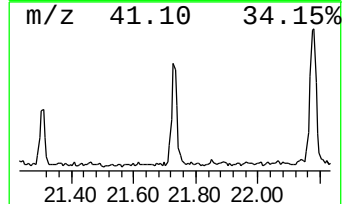
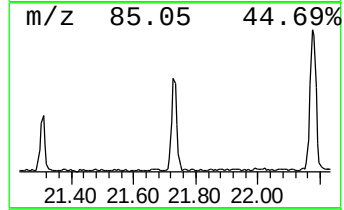
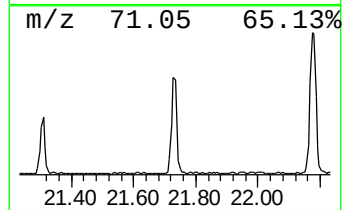
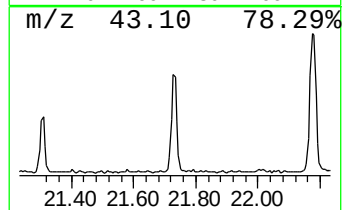
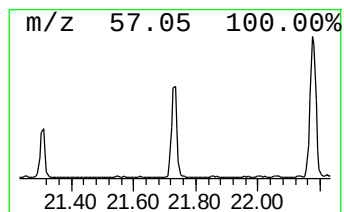
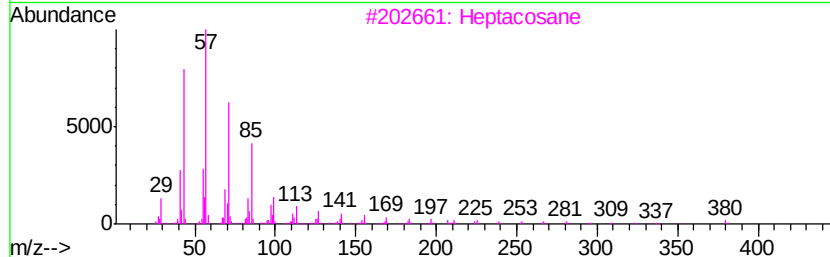
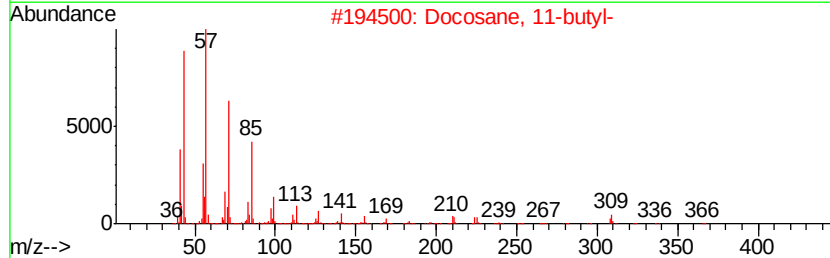
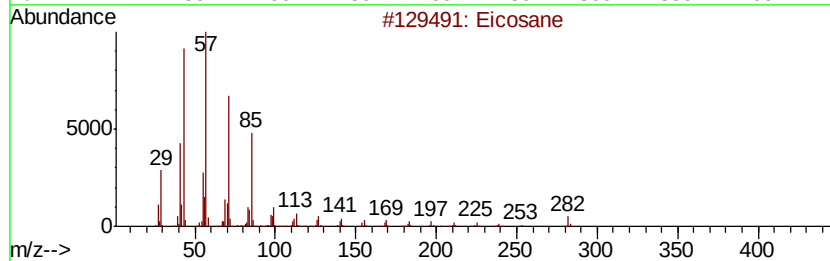
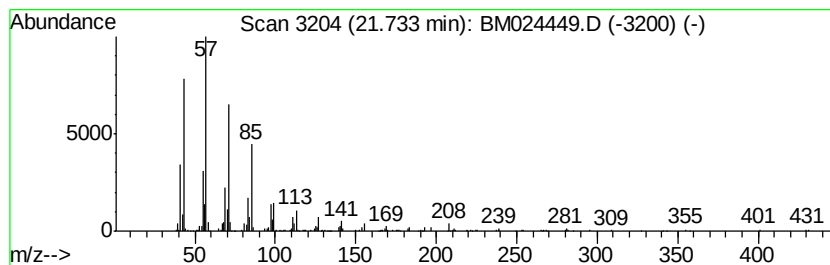
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

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.
21.73	2.56 ng/ul	485733	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetracosane	338	C24H50	000646-31-1	90



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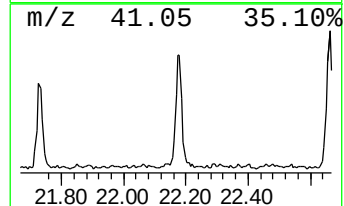
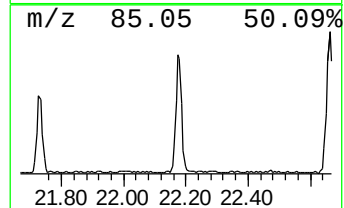
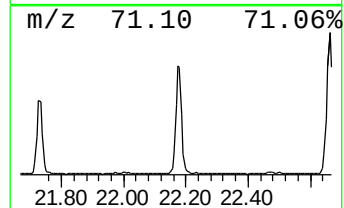
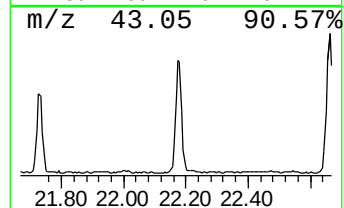
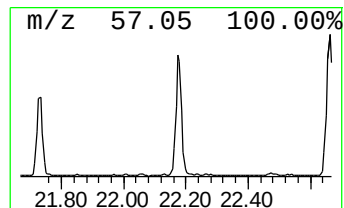
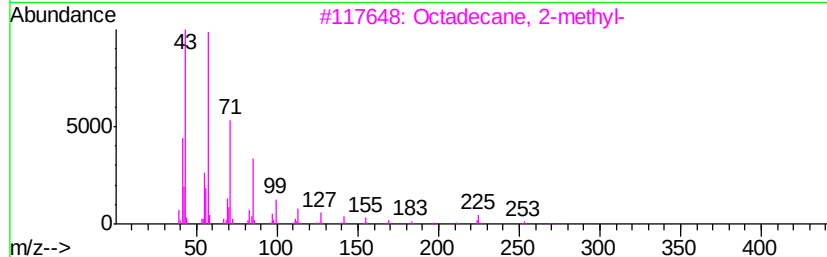
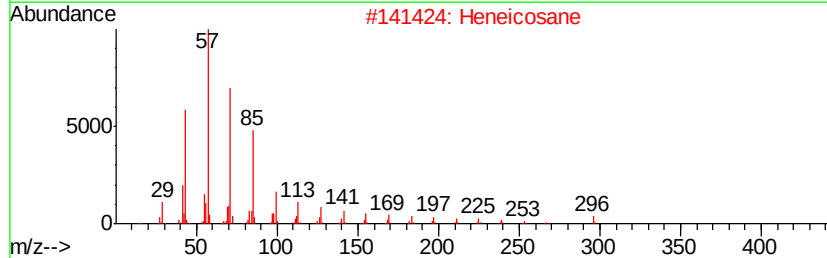
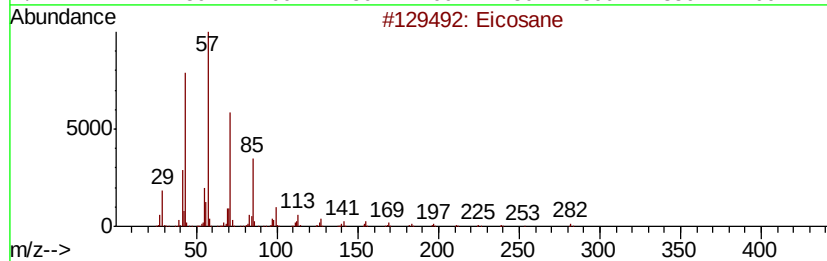
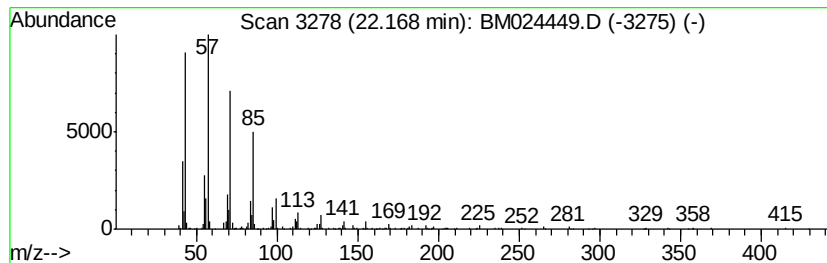
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	2.80 ng/ul	736496	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heneicosane	296	C21H44	000629-94-7	97
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



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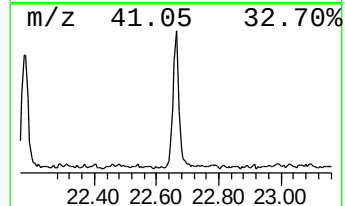
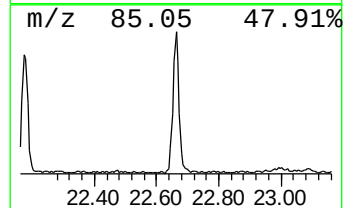
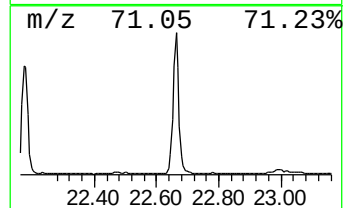
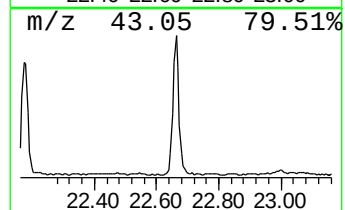
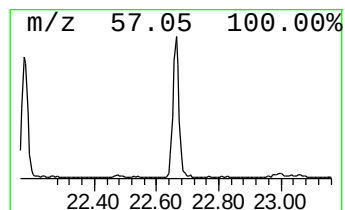
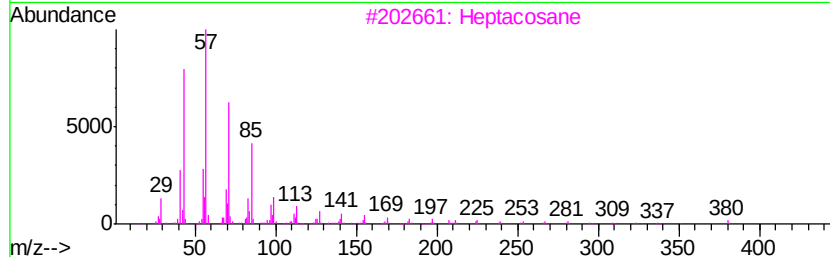
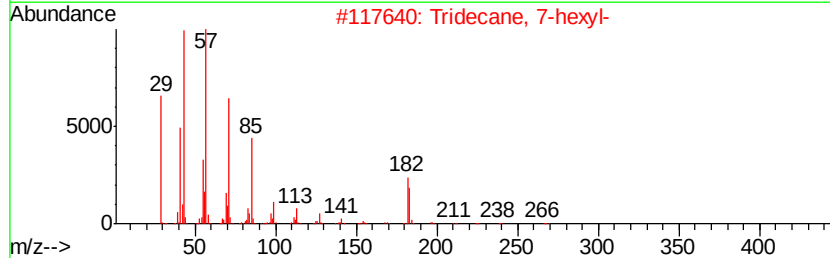
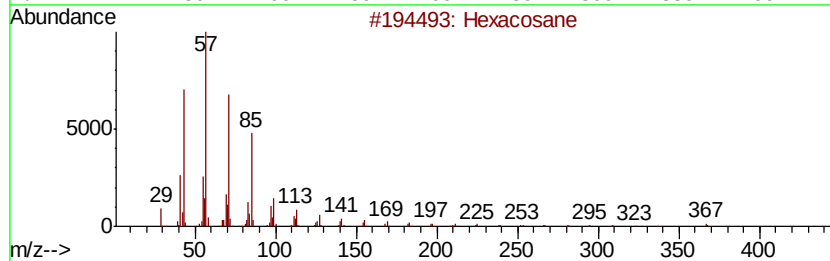
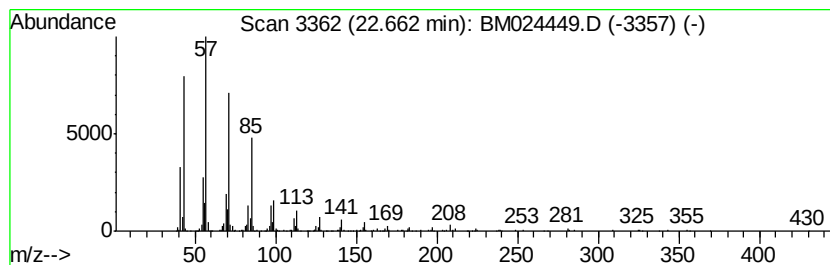
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	3.39 ng/ul	892595	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Eicosane	282	C20H42	000112-95-8	90



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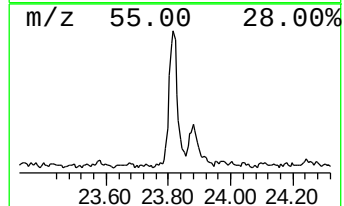
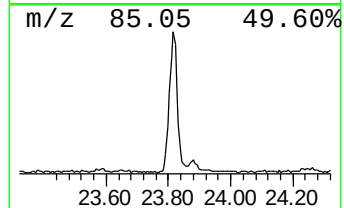
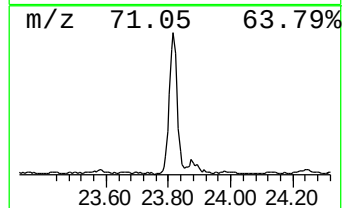
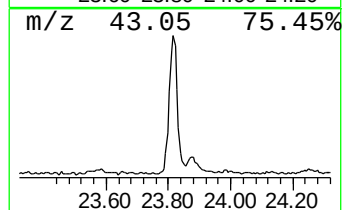
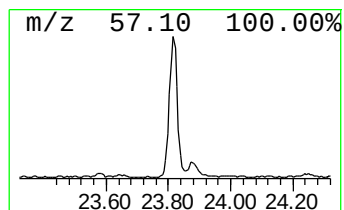
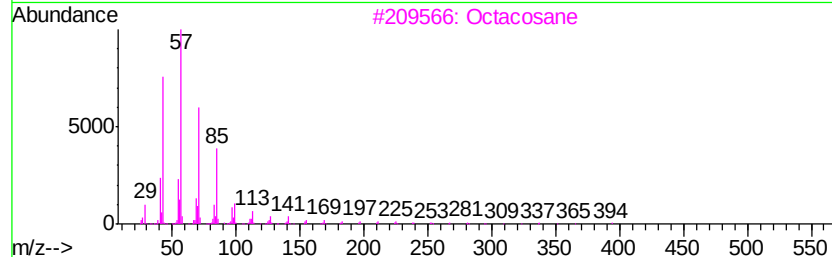
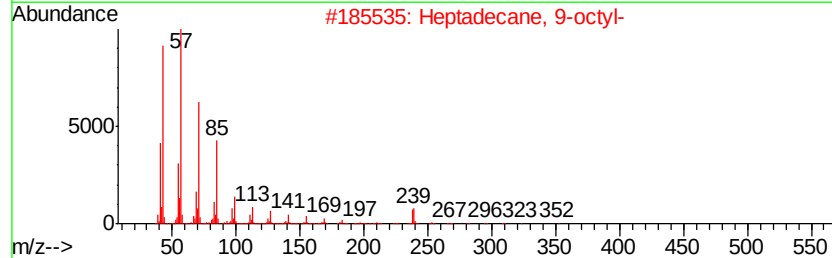
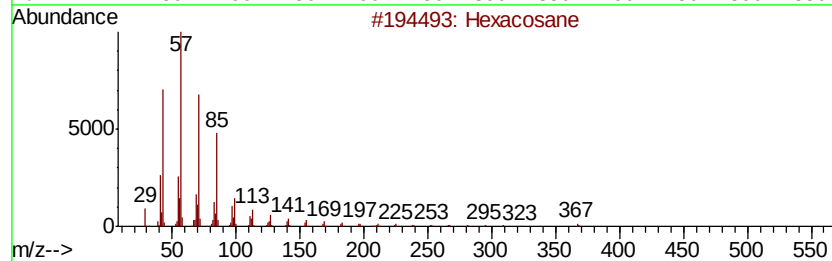
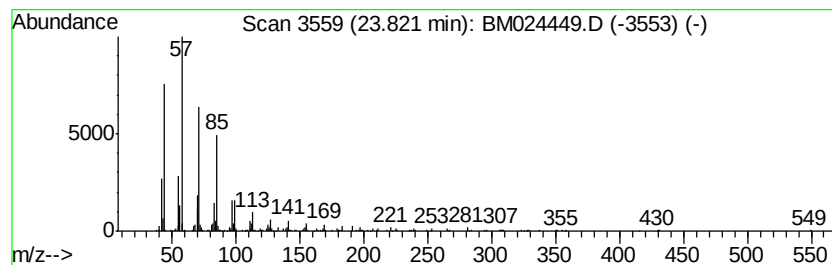
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Quant Title : SVOA CALIBRATION

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.
23.82	3.27 ng/ul	859902	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024449.D
Acq On : 10 Jan 2020 06:24
Operator : JU
Sample : K6466-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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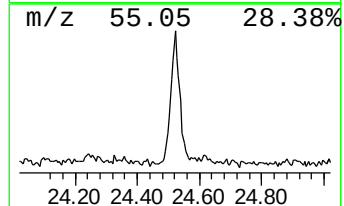
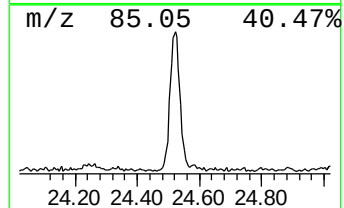
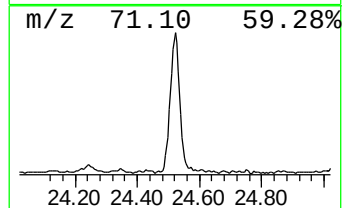
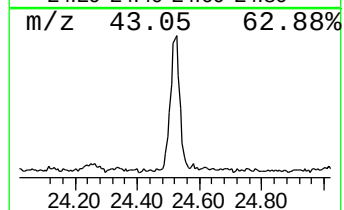
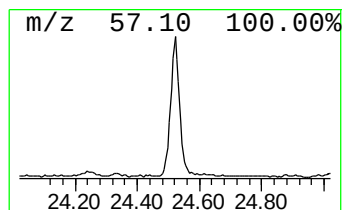
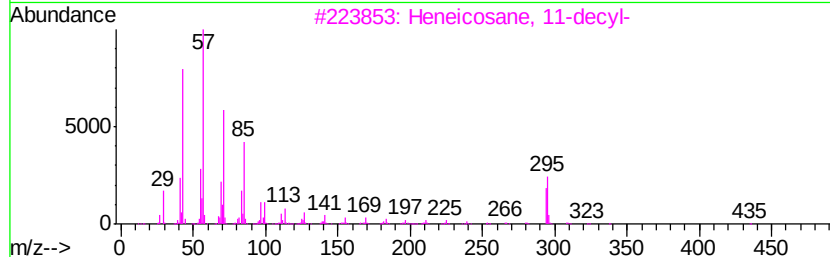
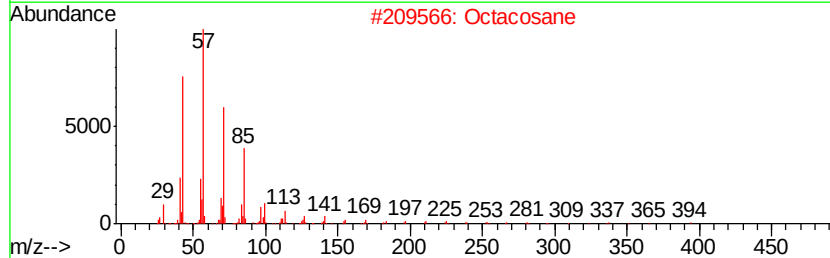
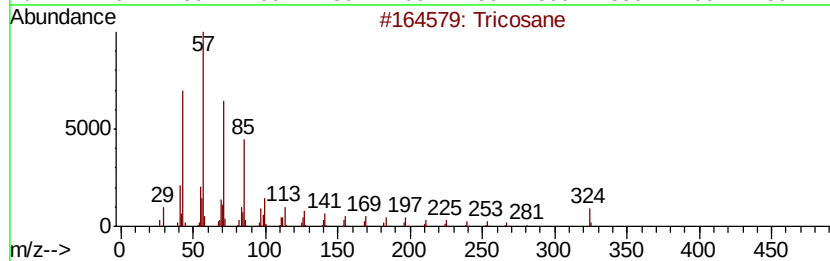
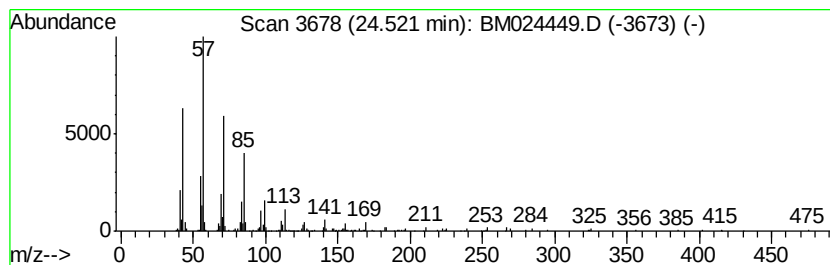
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.52	2.37 ng/ul	624598	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM010920\
Data File : BM024449.D
Acq On : 10 Jan 2020 06:24
Operator : JU
Sample : K6466-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0BP9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.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
Octacosanol	20.86	2.9	ng/ul	555604	5	21.09	3800440	20.0
(DEL) Alkane: Str...	21.73	2.6	ng/ul	485733	5	21.09	3800440	20.0
(DEL) Alkane: Str...	22.17	2.8	ng/ul	736496	6	23.22	5265740	20.0
(DEL) Alkane: Str...	22.66	3.4	ng/ul	892595	6	23.22	5265740	20.0
(DEL) Alkane: Str...	23.82	3.3	ng/ul	859902	6	23.22	5265740	20.0
(DEL) Alkane: Str...	24.52	2.4	ng/ul	624598	6	23.22	5265740	20.0