

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019654.D
 Acq On : 01 Apr 2019 14:34
 Operator : JU/SJ
 Sample : K2119-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF599

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-BM032219MA.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	3.122	20	23	31	rBV	25640	37514	1.18%	0.120%
2	3.716	122	124	130	rVB	9486	13101	0.41%	0.042%
3	4.716	290	294	299	rBV	9850	15519	0.49%	0.050%
4	4.763	299	302	306	rBV3	4690	7542	0.24%	0.024%
5	6.757	635	641	653	rBV	261844	515333	16.19%	1.645%
6	6.928	664	670	688	rBV	219319	427192	13.42%	1.364%
7	7.104	694	700	719	rVB	341300	590549	18.55%	1.885%
8	7.569	771	779	790	rBV	434213	729958	22.93%	2.330%
9	8.287	895	901	918	rBV	354541	677645	21.29%	2.163%
10	8.416	920	923	928	rVB4	5109	7608	0.24%	0.024%
11	8.739	972	978	994	rBV	283124	540188	16.97%	1.724%
12	9.069	1029	1034	1039	rVB	9995	14211	0.45%	0.045%
13	9.451	1093	1099	1115	rBV	243143	447765	14.07%	1.429%
14	9.986	1183	1190	1206	rBV	318454	675499	21.22%	2.156%
15	10.351	1245	1252	1266	rVB	668009	1101148	34.59%	3.515%
16	10.522	1274	1281	1298	rBV	241067	598497	18.80%	1.911%
17	10.633	1298	1300	1304	rVV	6996	10025	0.31%	0.032%
18	11.975	1523	1528	1532	rBV2	2276	4041	0.13%	0.013%
19	13.522	1787	1791	1795	rBV3	5713	6801	0.21%	0.022%
20	13.651	1807	1813	1818	rBV	718738	1066525	33.50%	3.405%
21	13.698	1818	1821	1832	rVB	121542	194536	6.11%	0.621%
22	13.922	1853	1859	1876	rBV	865867	1254408	39.40%	4.004%
23	14.233	1905	1912	1921	rBV2	950047	1476818	46.39%	4.714%
24	14.298	1921	1923	1930	rVB4	3240	5358	0.17%	0.017%
25	14.492	1951	1956	1980	rBV4	94241	335246	10.53%	1.070%
26	14.657	1980	1984	1998	rVB	39754	76647	2.41%	0.245%
27	15.021	2042	2046	2051	rVV	7548	8955	0.28%	0.029%
28	15.068	2051	2054	2058	rVB3	4360	5112	0.16%	0.016%
29	15.233	2076	2082	2100	rBV	1118209	1636045	51.39%	5.223%
30	15.380	2102	2107	2120	rVV	222013	362443	11.39%	1.157%
31	15.474	2120	2123	2129	rVB3	14293	17843	0.56%	0.057%
32	15.939	2198	2202	2205	rBV2	3409	4811	0.15%	0.015%
33	16.021	2213	2216	2219	rVB2	3694	3980	0.13%	0.013%
34	16.404	2277	2281	2285	rBV3	6361	10810	0.34%	0.035%

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35	16.733	2334	2337	2340	rBV3	2602	3227	0.10%	0.010%
36	16.780	2340	2345	2350	rBV3	4469	7355	0.23%	0.023%
37	16.992	2374	2381	2391	rBV	1293512	1811882	56.92%	5.784%
38	17.086	2391	2397	2412	rVV	1207402	1812784	56.94%	5.787%
39	17.280	2427	2430	2434	rVB3	2831	3317	0.10%	0.011%
40	17.374	2442	2446	2448	rBV2	8043	8920	0.28%	0.028%
41	17.468	2460	2462	2465	rVB	4130	3812	0.12%	0.012%
42	17.757	2507	2511	2519	rBV5	3816	7898	0.25%	0.025%
43	17.833	2519	2524	2527	rBV5	5813	7843	0.25%	0.025%
44	17.880	2527	2532	2543	rBV	172213	297118	9.33%	0.948%
45	18.086	2565	2567	2572	rVB5	3857	3534	0.11%	0.011%
46	18.162	2577	2580	2585	rBV6	6591	8580	0.27%	0.027%
47	18.686	2667	2669	2673	rVB3	4368	4327	0.14%	0.014%
48	18.751	2676	2680	2686	rBV7	10513	19876	0.62%	0.063%
49	18.809	2686	2690	2695	rVB3	9672	13231	0.42%	0.042%
50	19.033	2724	2728	2734	rBV3	21343	40320	1.27%	0.129%
51	19.174	2748	2752	2760	rBV2	74339	127881	4.02%	0.408%
52	19.286	2768	2771	2774	rVB2	9165	12409	0.39%	0.040%
53	19.398	2784	2790	2800	rBV	1691196	2256416	70.88%	7.203%
54	19.733	2844	2847	2850	rBV	60468	61182	1.92%	0.195%
55	19.774	2850	2854	2858	rVB	106166	117587	3.69%	0.375%
56	19.933	2875	2881	2885	rVB	56666	72981	2.29%	0.233%
57	20.433	2962	2966	2970	rBV	65108	77203	2.43%	0.246%
58	20.709	3010	3013	3016	rBV	53899	67943	2.13%	0.217%
59	20.745	3016	3019	3023	rVB	81673	90900	2.86%	0.290%
60	20.898	3040	3045	3056	rBV2	514924	703421	22.10%	2.245%
61	21.198	3091	3096	3109	rBV	2086697	2615250	82.15%	8.348%
62	21.333	3116	3119	3127	rBV2	130350	165248	5.19%	0.528%
63	21.756	3188	3191	3194	rBV	186520	213141	6.70%	0.680%
64	22.209	3264	3268	3276	rBV	286503	388972	12.22%	1.242%
65	22.697	3347	3351	3356	rVB	333637	470597	14.78%	1.502%
66	23.256	3439	3446	3455	rBV2	1699168	3183471	100.00%	10.162%
67	23.397	3464	3470	3480	rVB2	1498297	2703689	84.93%	8.631%
68	23.874	3546	3551	3558	rVB	317618	577322	18.13%	1.843%
69	24.597	3669	3674	3681	rVB	233959	487185	15.30%	1.555%

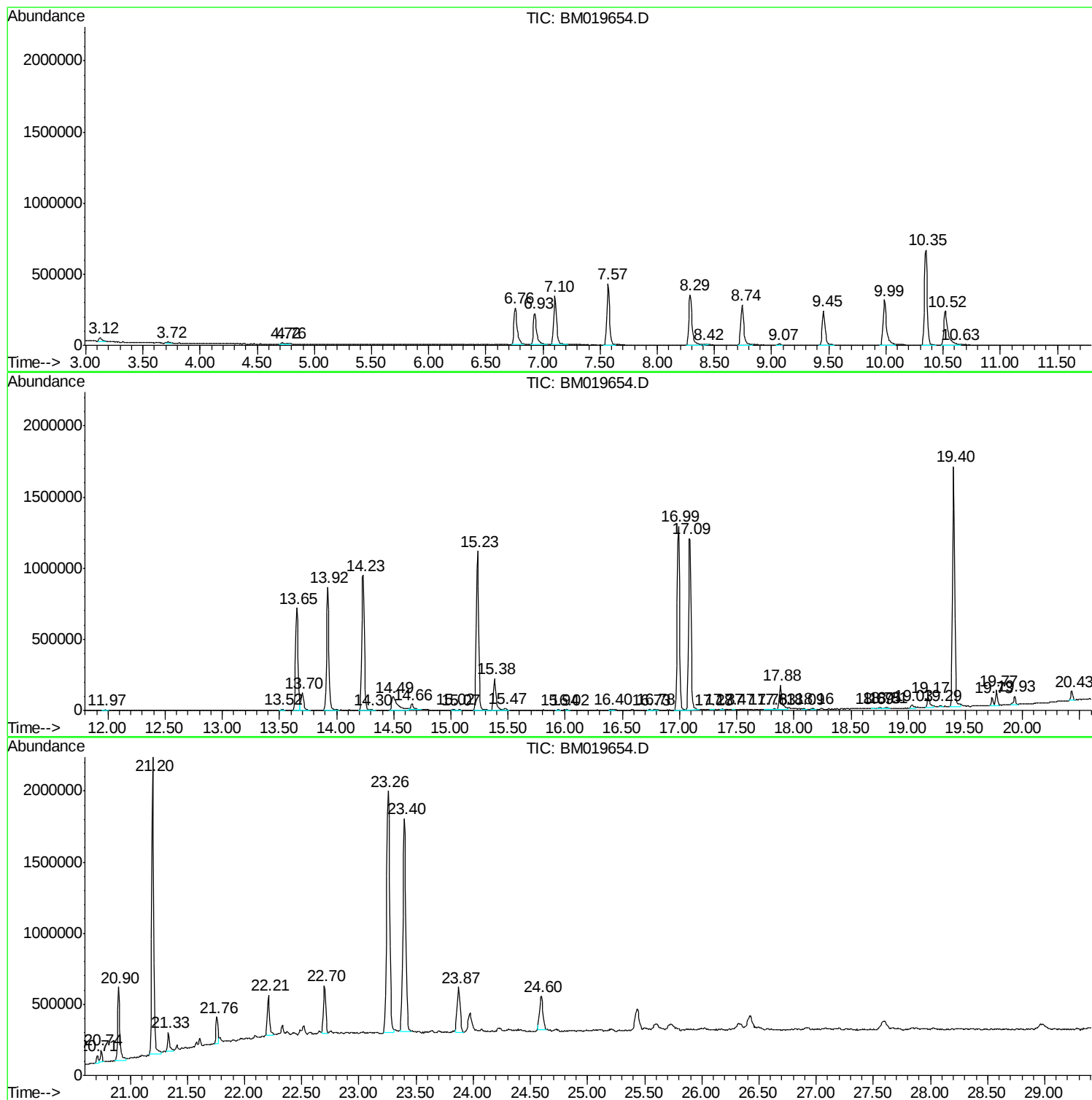
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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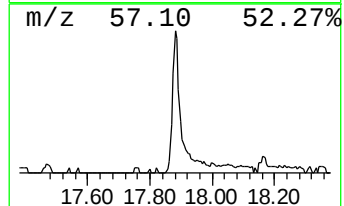
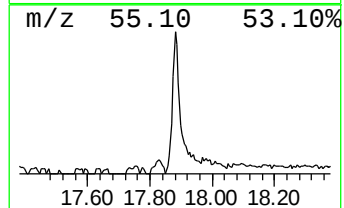
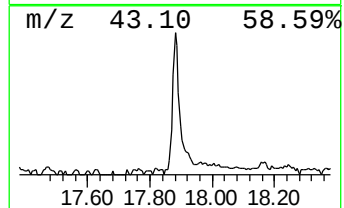
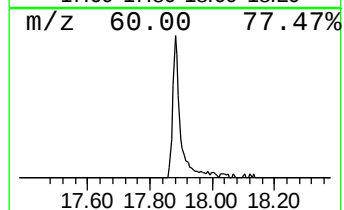
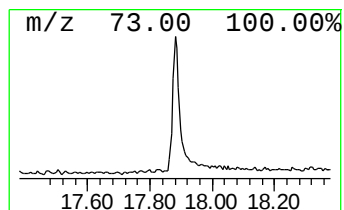
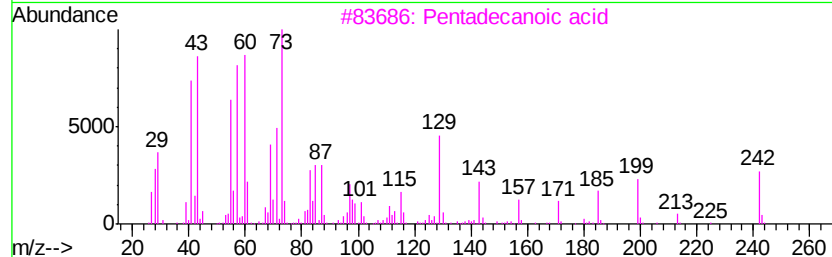
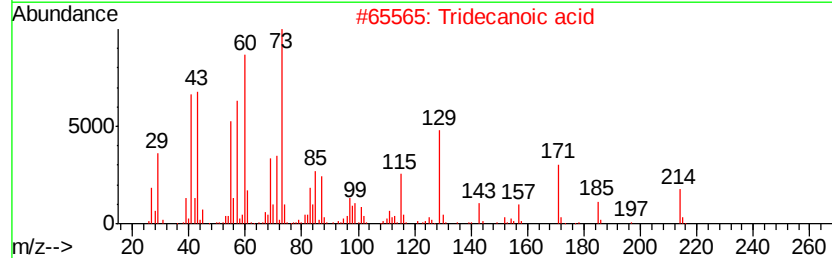
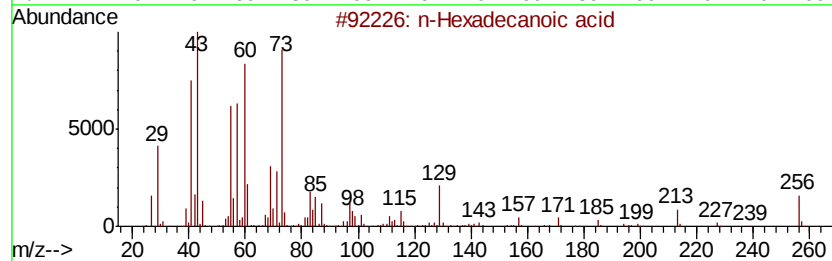
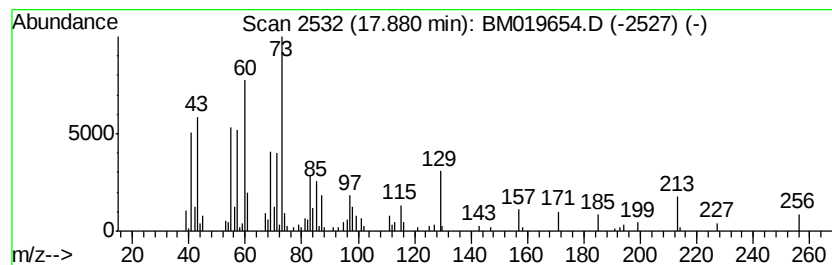
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.88	3.28 ng/ul	297118	Phenanthrene-d10		16.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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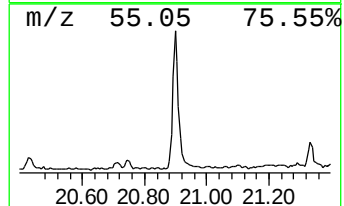
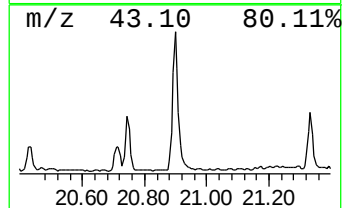
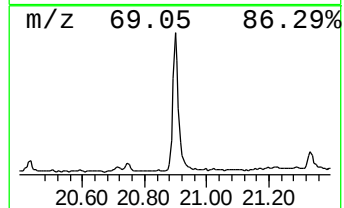
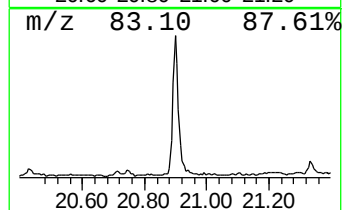
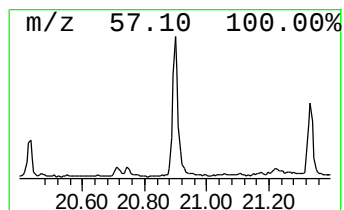
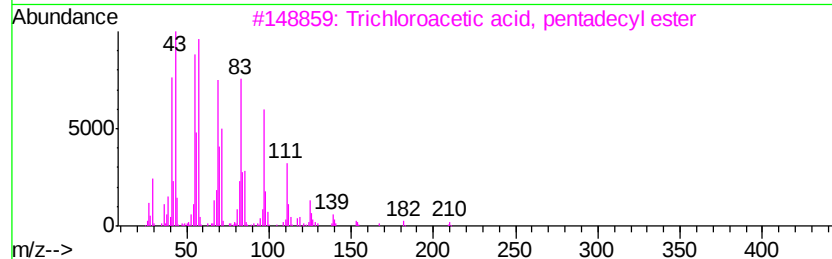
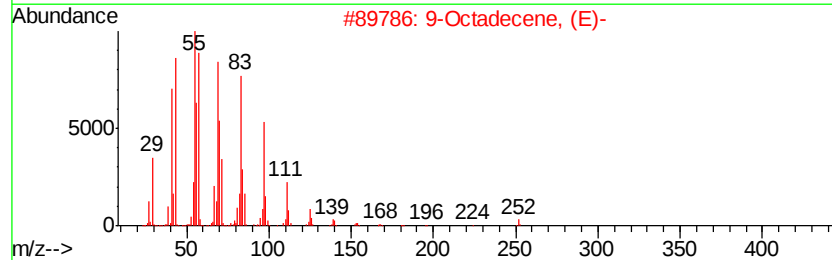
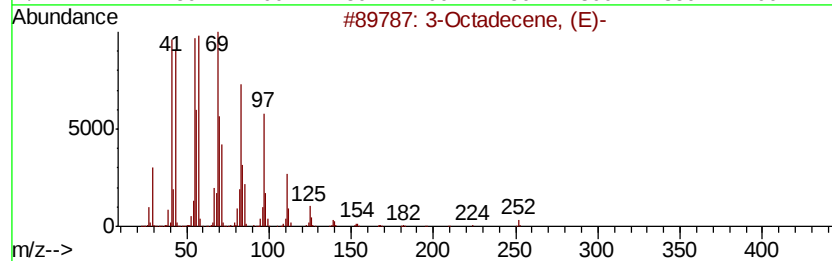
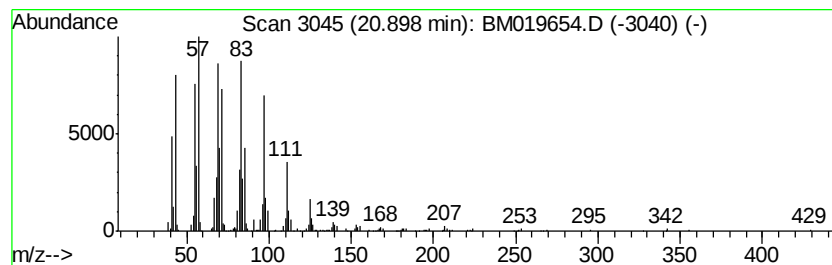
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.38 ng/ul	703421	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Octadecene, (E)-	252 C18H36	007206-19-1 95
2		9-Octadecene, (E)-	252 C18H36	007206-25-9 91
3		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 91
4		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91
5		Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3 91



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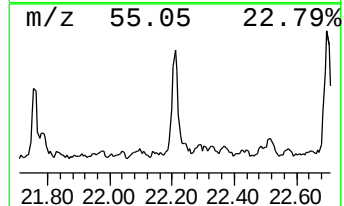
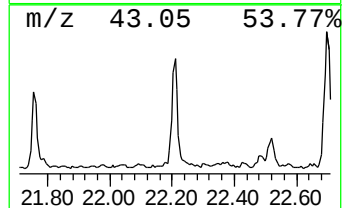
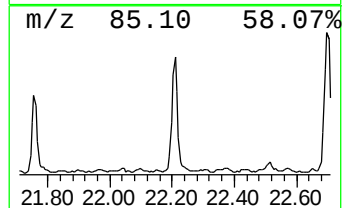
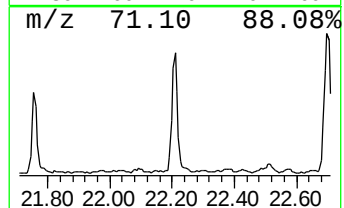
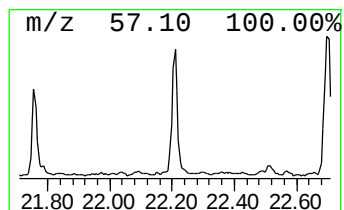
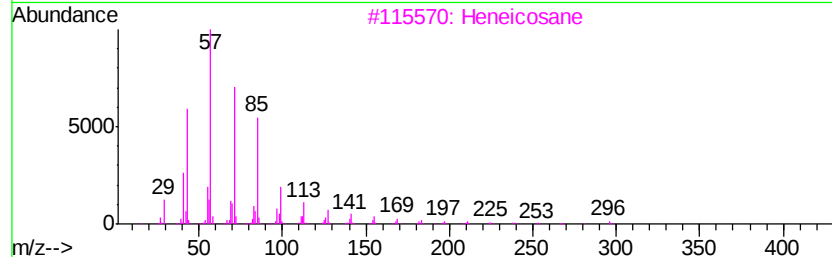
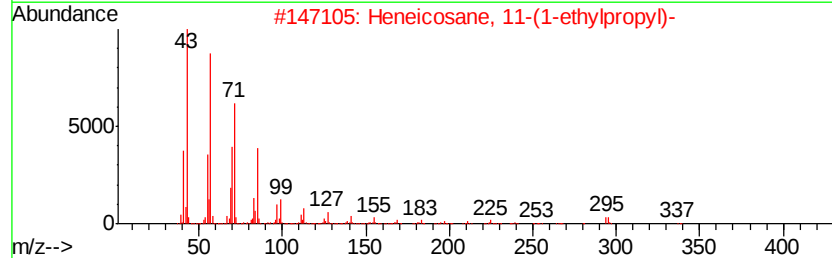
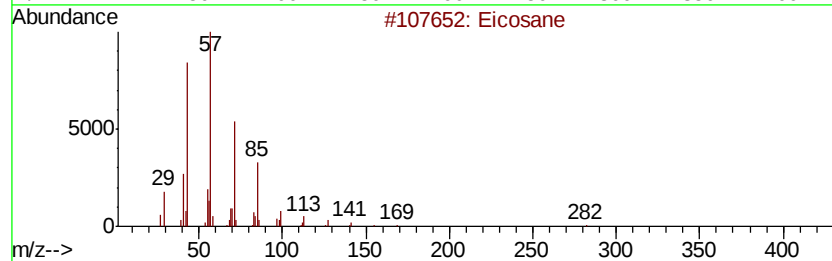
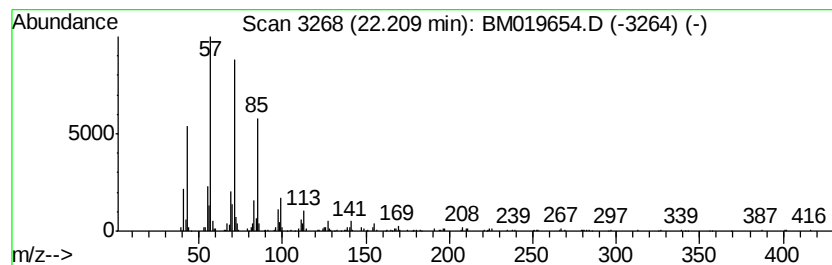
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.97 ng/ul	388972	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



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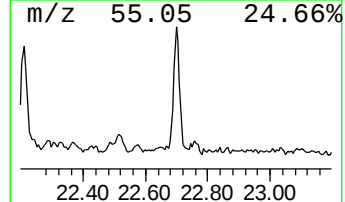
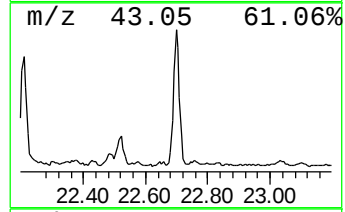
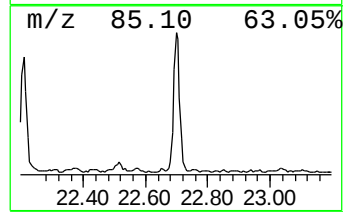
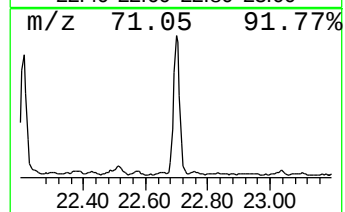
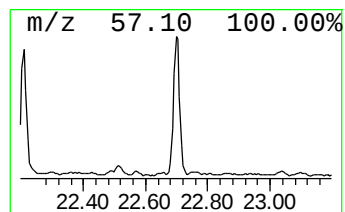
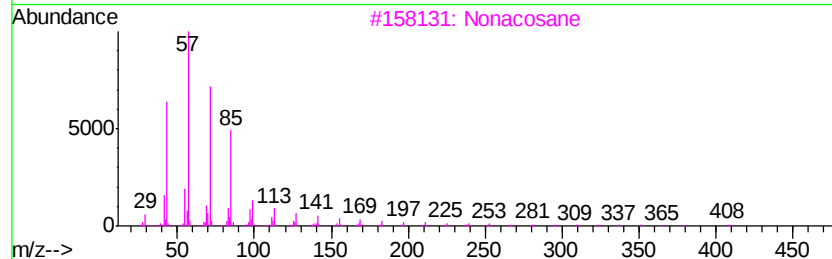
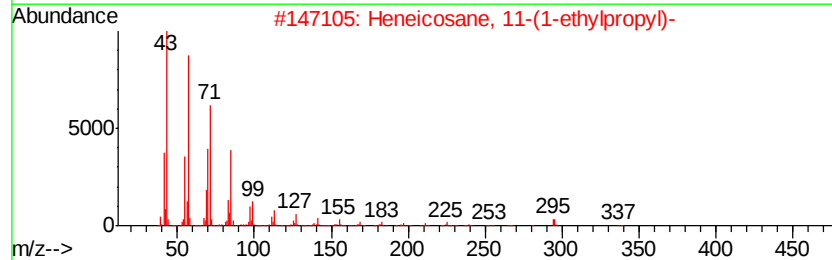
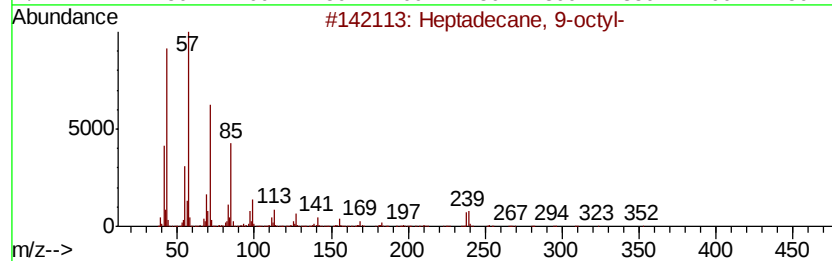
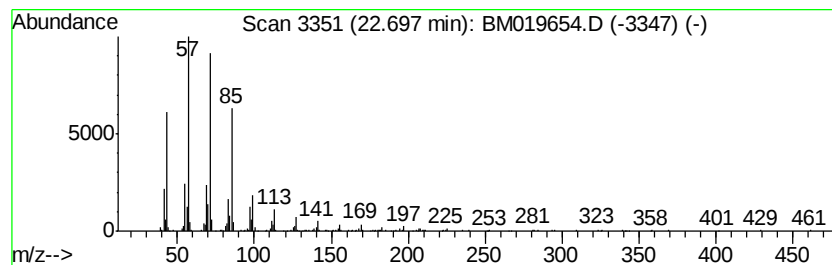
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.48 ng/ul	470597	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



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ClientSampleId :
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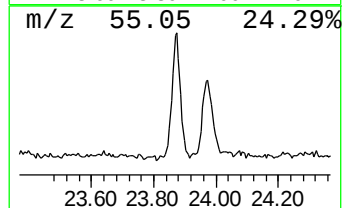
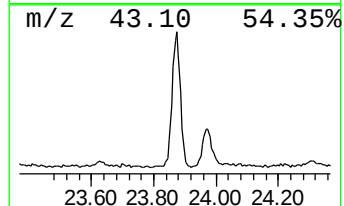
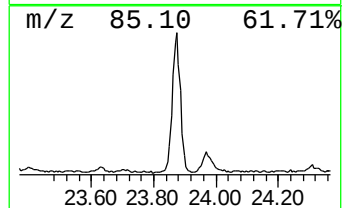
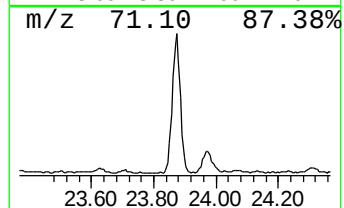
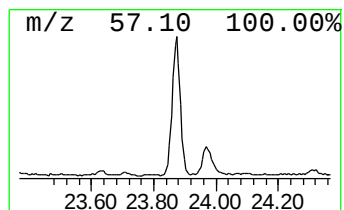
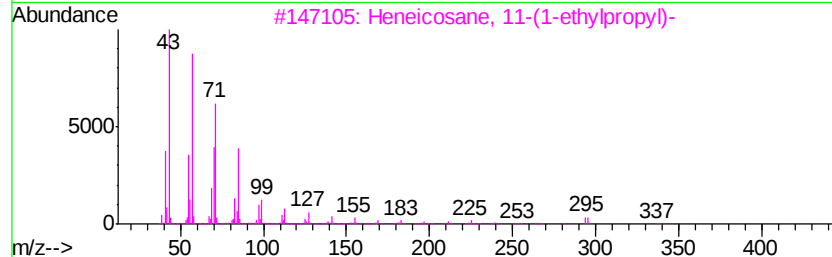
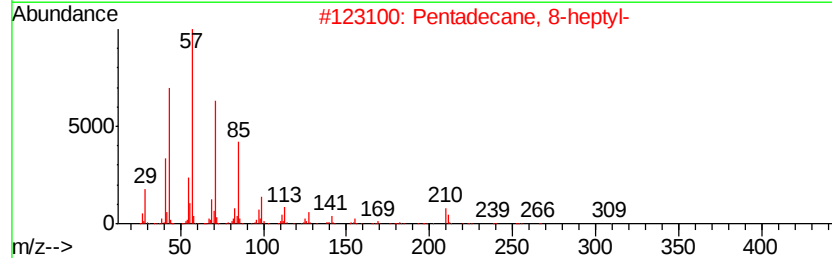
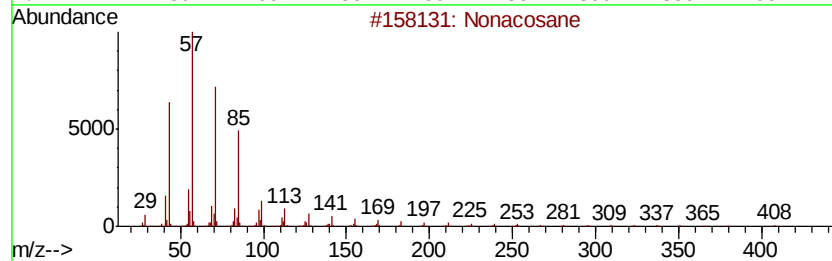
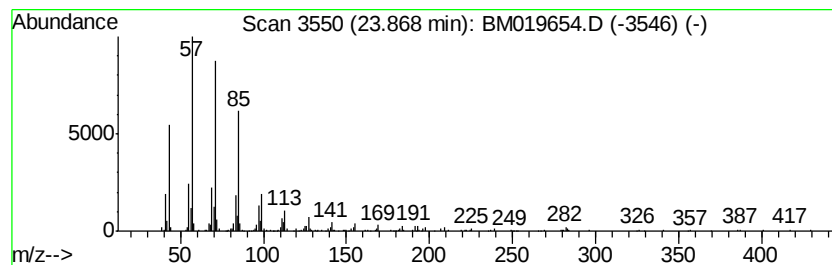
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
23.87	4.27 ng/ul	577322	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	90
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019654.D
Acq On : 01 Apr 2019 14:34
Operator : JU/SJ
Sample : K2119-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF599

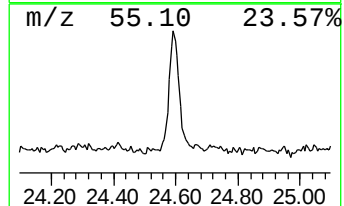
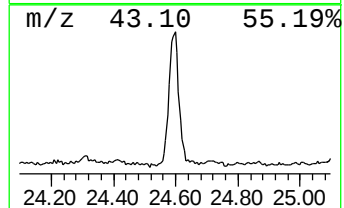
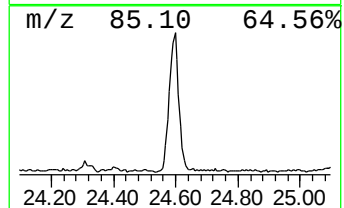
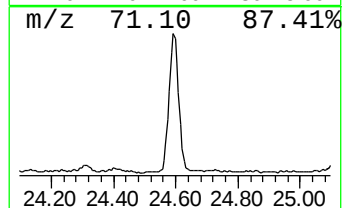
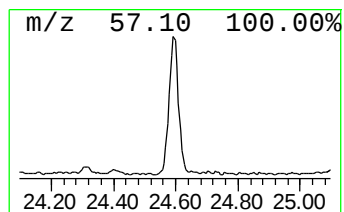
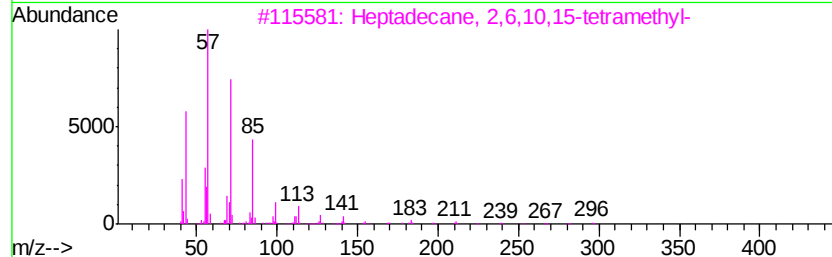
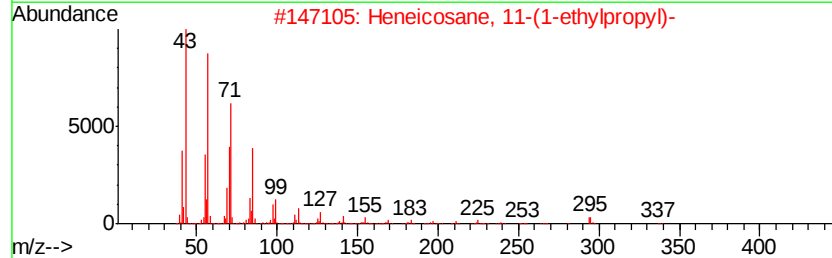
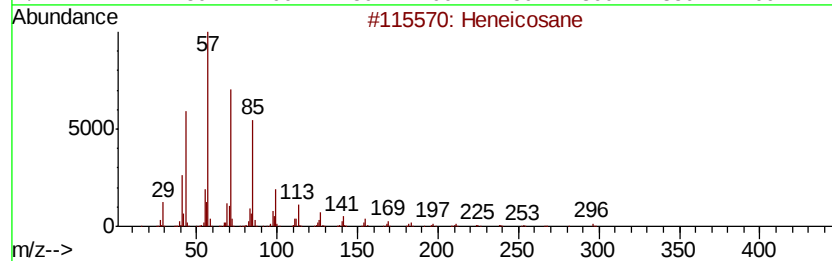
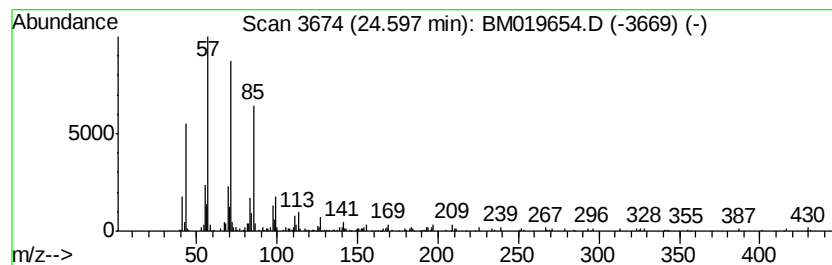
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
24.60	3.60 ng/ul	487185	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019654.D
Acq On : 01 Apr 2019 14:34
Operator : JU/SJ
Sample : K2119-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	3.3	ng/ul	297118	4	16.99	1811880	20.0
(DEL) Alkane: Cyc...	20.90	5.4	ng/ul	703421	5	21.20	2615250	20.0
(DEL) Alkane: Str...	22.21	3.0	ng/ul	388972	5	21.20	2615250	20.0
(DEL) Alkane: Str...	22.70	3.5	ng/ul	470597	6	23.40	2703690	20.0
(DEL) Alkane: Str...	23.87	4.3	ng/ul	577322	6	23.40	2703690	20.0
(DEL) Alkane: Str...	24.60	3.6	ng/ul	487185	6	23.40	2703690	20.0