

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023040.D
 Acq On : 08 Oct 2019 11:59
 Operator : JU
 Sample : K5056-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAE3

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-BM092719MA.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	3.251	42	45	60	rVB	55887	84397	1.37%	0.152%
2	3.769	130	133	140	rVB	15929	21362	0.35%	0.038%
3	3.898	150	155	164	rVB	40972	63613	1.03%	0.114%
4	3.987	166	170	175	rVB	10483	14967	0.24%	0.027%
5	4.081	183	186	192	rVB5	6381	7903	0.13%	0.014%
6	4.210	204	208	213	rVB2	13453	19209	0.31%	0.034%
7	4.616	273	277	283	rVB3	6741	9729	0.16%	0.017%
8	4.904	321	326	337	rBV	22793	37797	0.61%	0.068%
9	6.945	665	673	685	rBV	932378	1517826	24.56%	2.726%
10	7.110	695	701	717	rBV	717540	1135197	18.37%	2.039%
11	7.310	728	735	747	rVV	1000975	1565013	25.33%	2.811%
12	7.410	747	752	756	rVB2	5988	9410	0.15%	0.017%
13	7.775	807	814	822	rBV	699241	1066201	17.25%	1.915%
14	8.481	927	934	947	rBV	1065689	1704157	27.58%	3.060%
15	8.604	949	955	964	rVB	18640	33538	0.54%	0.060%
16	8.928	1003	1010	1021	rBV	859456	1406276	22.76%	2.525%
17	9.104	1035	1040	1045	rVB4	4933	7060	0.11%	0.013%
18	9.375	1079	1086	1090	rBV2	8324	12957	0.21%	0.023%
19	9.651	1125	1133	1145	rBV	676962	1121237	18.15%	2.014%
20	10.186	1217	1224	1238	rBV	1137060	1842927	29.82%	3.310%
21	10.563	1281	1288	1296	rBV	933211	1525411	24.69%	2.739%
22	10.698	1303	1311	1328	rBV	994115	1707748	27.64%	3.067%
23	11.580	1456	1461	1469	rBV5	4574	13143	0.21%	0.024%
24	12.157	1554	1559	1564	rVB	16214	23256	0.38%	0.042%
25	12.774	1658	1664	1669	rBV3	4772	6929	0.11%	0.012%
26	13.027	1701	1707	1710	rBV2	6882	9883	0.16%	0.018%
27	13.821	1835	1842	1847	rBV	1861488	2510293	40.62%	4.508%
28	13.868	1847	1850	1860	rVB	366890	472241	7.64%	0.848%
29	14.104	1880	1890	1902	rBV	2221672	3211077	51.97%	5.767%
30	14.410	1936	1942	1950	rBV2	1331559	1990609	32.21%	3.575%
31	14.604	1969	1975	1995	rBV	609195	917739	14.85%	1.648%
32	14.762	1998	2002	2008	rVB5	6728	10158	0.16%	0.018%
33	14.833	2008	2014	2020	rBV2	80567	112230	1.82%	0.202%
34	15.221	2076	2080	2086	rBV2	7665	14992	0.24%	0.027%

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Integrator: RTE
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35	15.274	2086	2089	2095	rVB	6284	7756	0.13%	0.014%
36	15.404	2104	2111	2125	rBV	2730374	3856883	62.42%	6.926%
37	15.521	2125	2131	2143	rVV	587197	778269	12.59%	1.398%
38	15.645	2148	2152	2157	rVV	26654	33039	0.53%	0.059%
39	15.968	2202	2207	2214	rBV5	2792	7479	0.12%	0.013%
40	16.186	2241	2244	2250	rVB3	9876	13769	0.22%	0.025%
41	16.304	2260	2264	2268	rVB4	6012	7706	0.12%	0.014%
42	16.698	2327	2331	2336	rBV2	11677	12751	0.21%	0.023%
43	16.921	2363	2369	2375	rBV4	6437	15737	0.25%	0.028%
44	17.151	2402	2408	2418	rBV2	1639234	2224253	36.00%	3.994%
45	17.251	2418	2425	2436	rVV	2845288	3897334	63.07%	6.999%
46	17.345	2437	2441	2444	rVB4	17819	23520	0.38%	0.042%
47	17.439	2453	2457	2463	rBV	6671	8470	0.14%	0.015%
48	17.539	2470	2474	2479	rVB5	8685	13707	0.22%	0.025%
49	17.921	2535	2539	2546	rBV6	9699	15885	0.26%	0.029%
50	18.051	2556	2561	2569	rBV	182227	251512	4.07%	0.452%
51	18.121	2569	2573	2578	rVB	21383	32095	0.52%	0.058%
52	18.380	2614	2617	2623	rVB3	10969	16497	0.27%	0.030%
53	18.480	2631	2634	2639	rVB2	21259	23768	0.38%	0.043%
54	18.915	2704	2708	2709	rBV4	5136	6588	0.11%	0.012%
55	18.945	2709	2713	2717	rVV5	25070	37738	0.61%	0.068%
56	18.986	2717	2720	2725	rVB4	12675	15969	0.26%	0.029%
57	19.180	2749	2753	2756	rBV	35946	47960	0.78%	0.086%
58	19.209	2756	2758	2764	rVB2	26189	29183	0.47%	0.052%
59	19.333	2775	2779	2783	rBV	59031	73782	1.19%	0.133%
60	19.433	2792	2796	2801	rVB	29419	38587	0.62%	0.069%
61	19.545	2809	2815	2822	rBV	3932238	5170933	83.68%	9.286%
62	19.597	2822	2824	2829	rVB	28462	31582	0.51%	0.057%
63	20.097	2906	2909	2914	rVB	42264	43060	0.70%	0.077%
64	20.592	2990	2993	2997	rBV2	59441	68441	1.11%	0.123%
65	21.056	3067	3072	3078	rBV	278603	412133	6.67%	0.740%
66	21.333	3114	3119	3124	rBV	2147894	2642624	42.77%	4.746%
67	21.491	3143	3146	3151	rBV	170567	183272	2.97%	0.329%
68	21.927	3217	3220	3229	rBV	247820	313861	5.08%	0.564%
69	22.391	3296	3299	3306	rBV	301772	405106	6.56%	0.728%
70	22.909	3382	3387	3392	rBV	387673	569930	9.22%	1.024%
71	23.444	3471	3478	3493	rVV	3074981	6179280	100.00%	11.097%

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72	23.585	3496	3502	3513	rVB	1516856	2872467	46.49%	5.159%
73	24.132	3590	3595	3603	rVB	326429	619144	10.02%	1.112%
74	24.891	3720	3724	3734	rVB	228937	475567	7.70%	0.854%

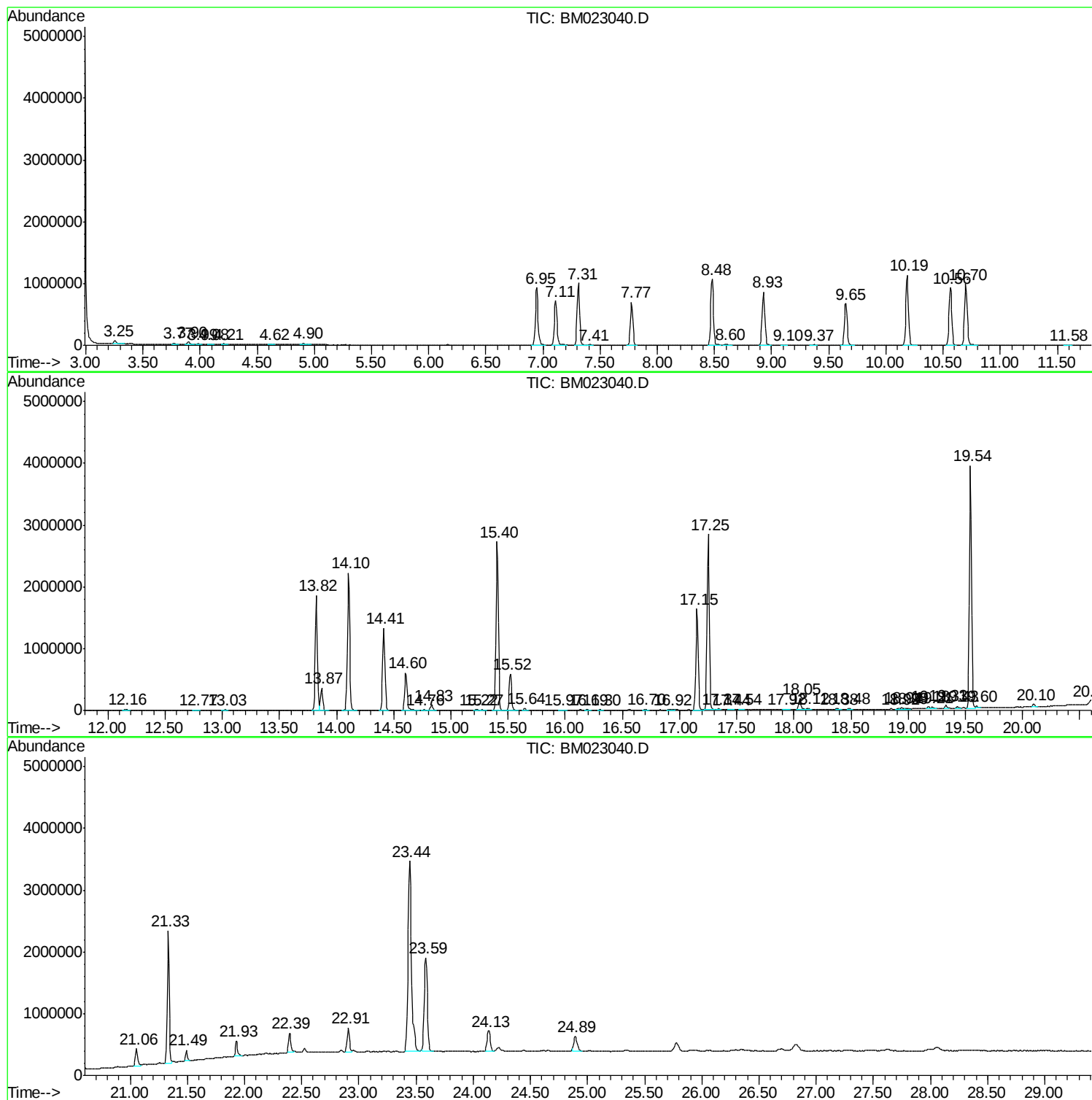
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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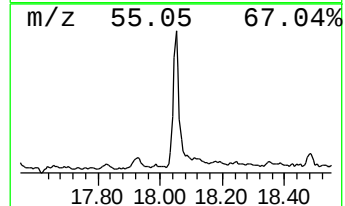
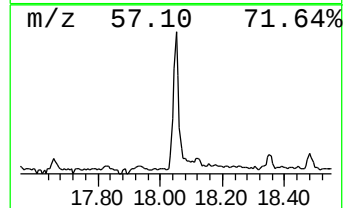
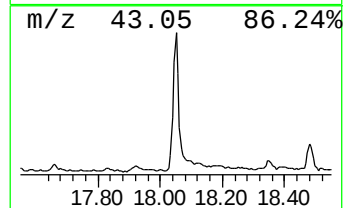
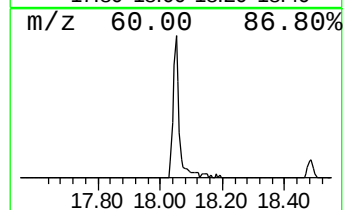
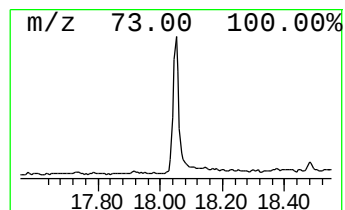
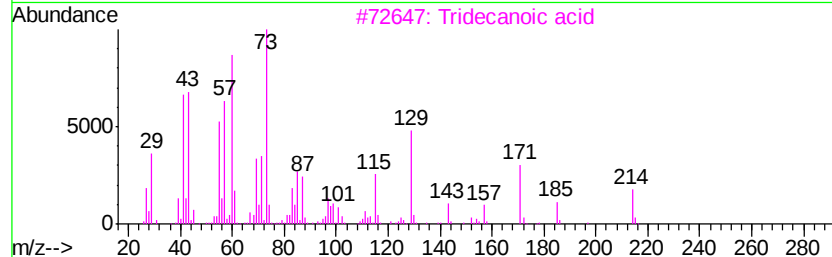
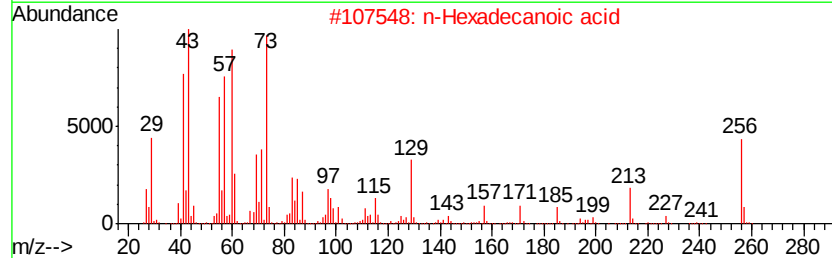
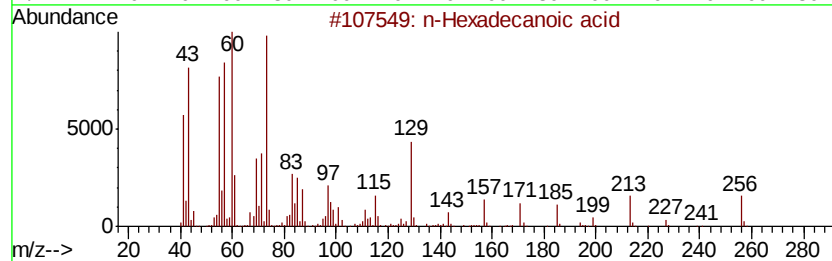
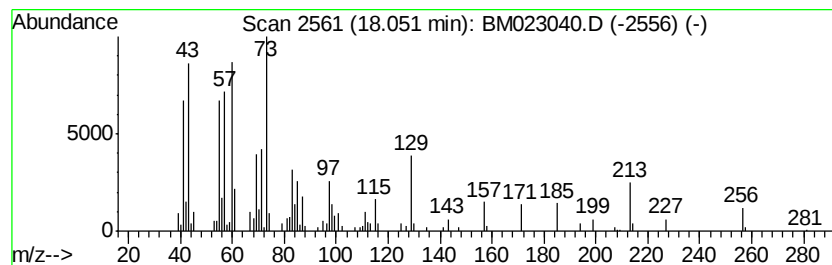
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.26 ng/ul	251512	Phenanthrene-d10	17.15
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	Tridecanoic acid	214 C13H26O2	000638-53-9	94
4	Tridecanoic acid	214 C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	74



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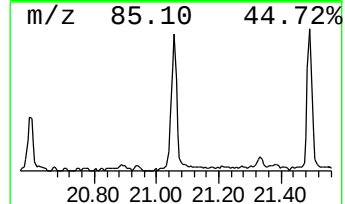
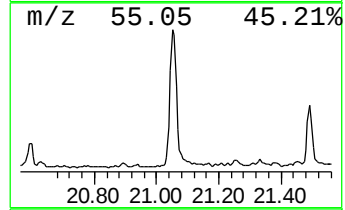
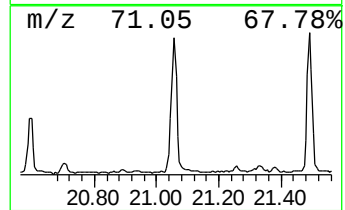
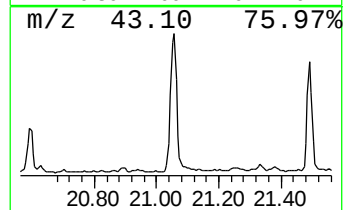
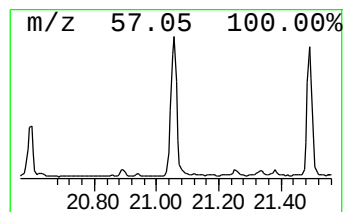
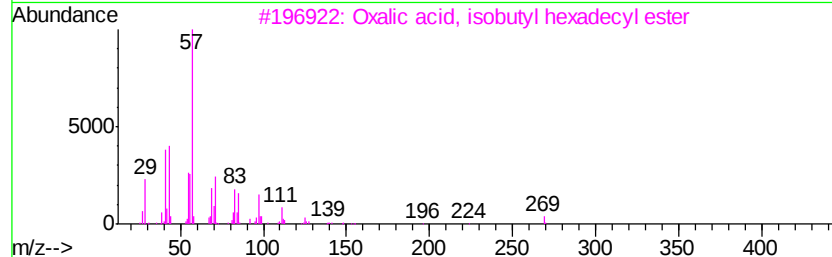
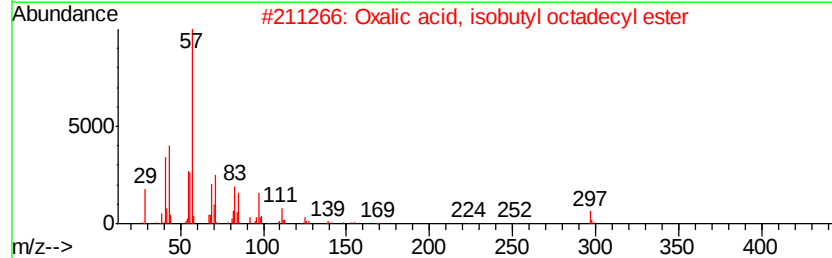
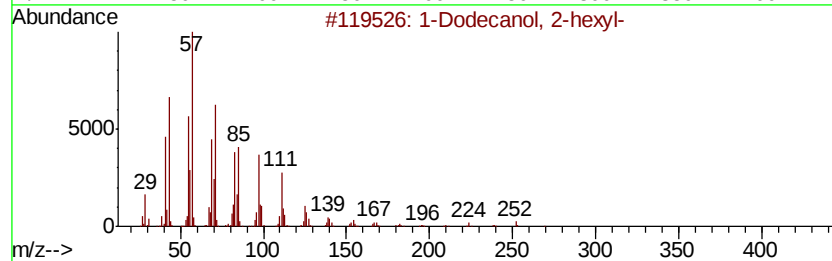
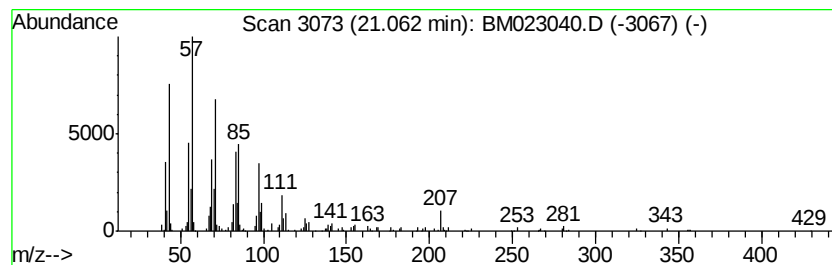
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Dodecanol, 2-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.12 ng/ul	412133	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
5		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	70



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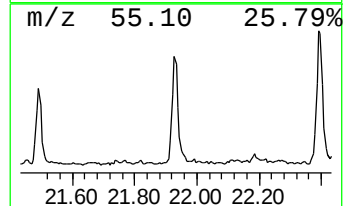
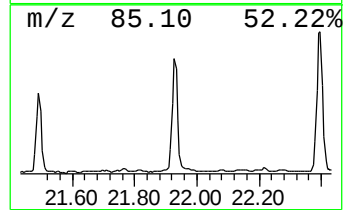
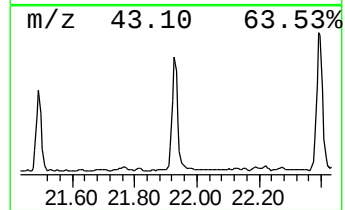
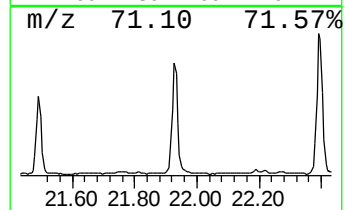
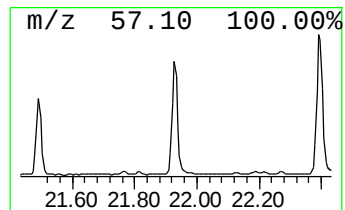
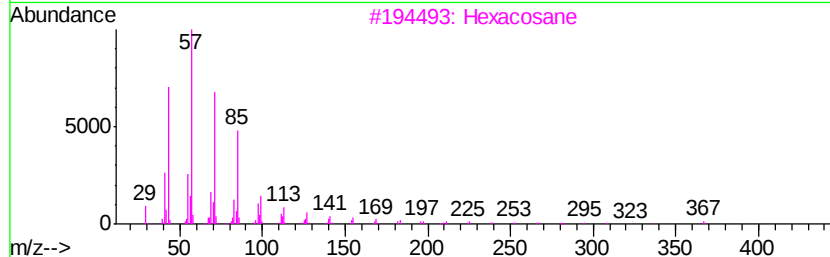
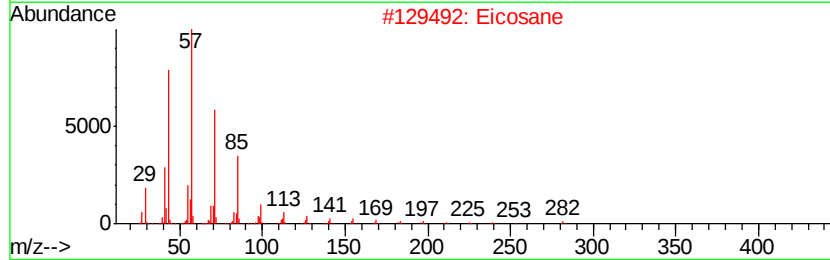
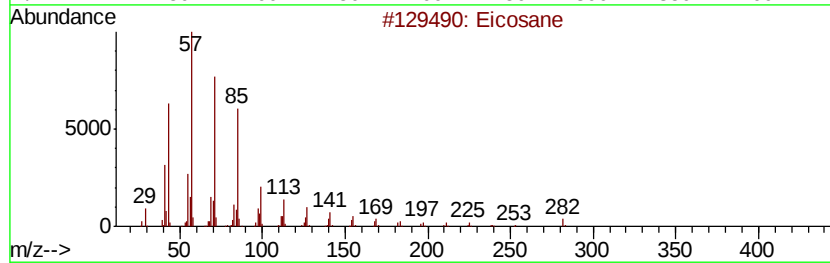
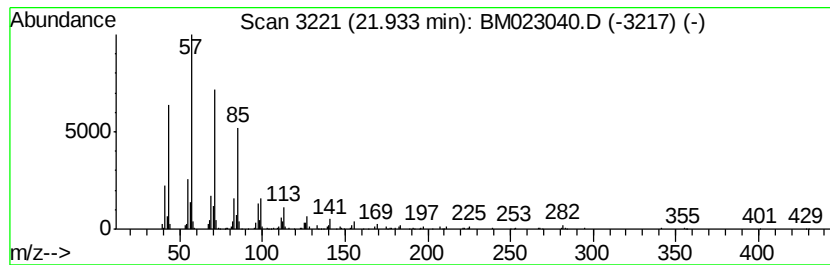
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.38 ng/ul	313861	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Eicosane	282	C20H42	000112-95-8	96
3		Hexacosane	366	C26H54	000630-01-3	94
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



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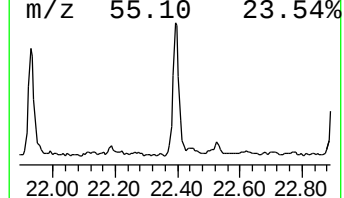
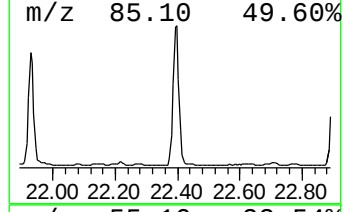
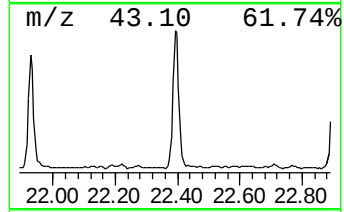
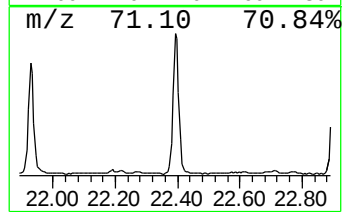
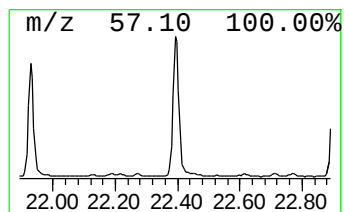
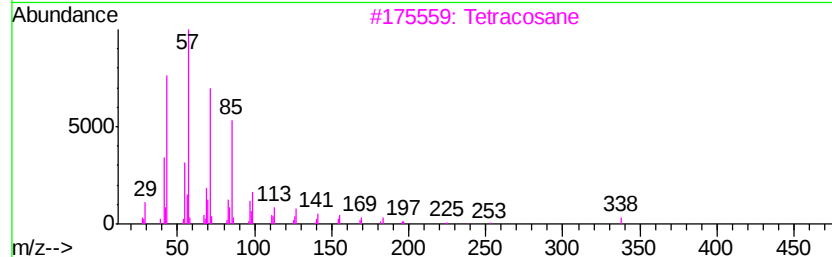
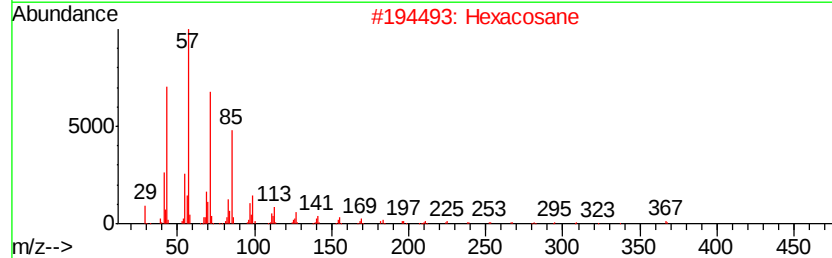
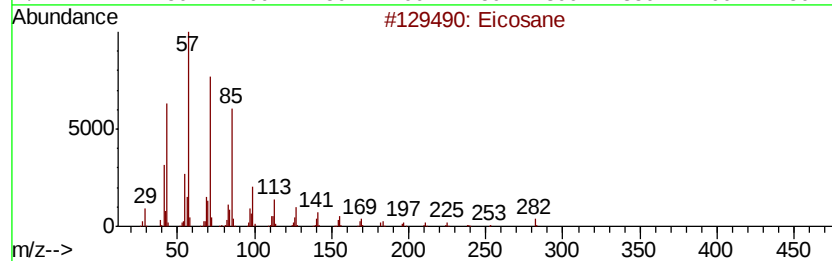
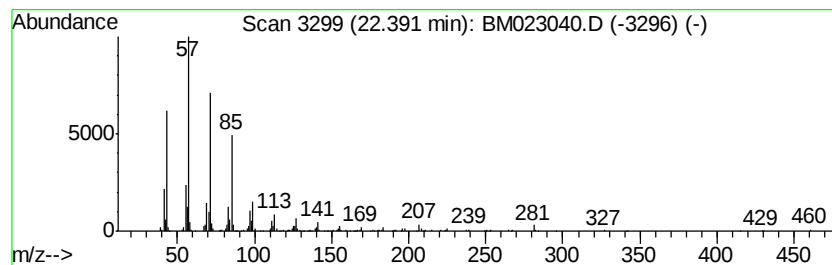
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	3.07 ng/ul	405106	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023040.D
Acq On : 08 Oct 2019 11:59
Operator : JU
Sample : K5056-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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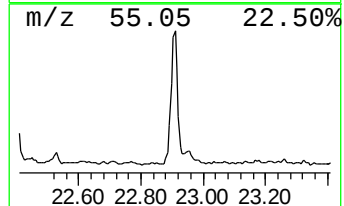
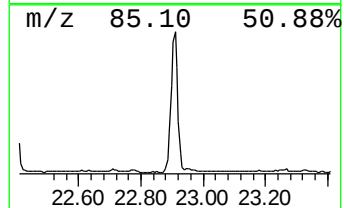
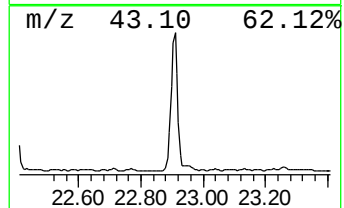
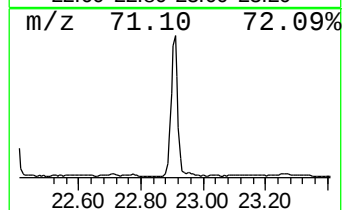
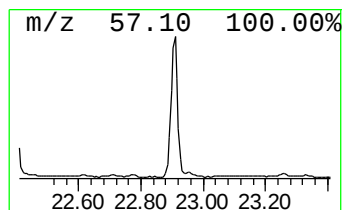
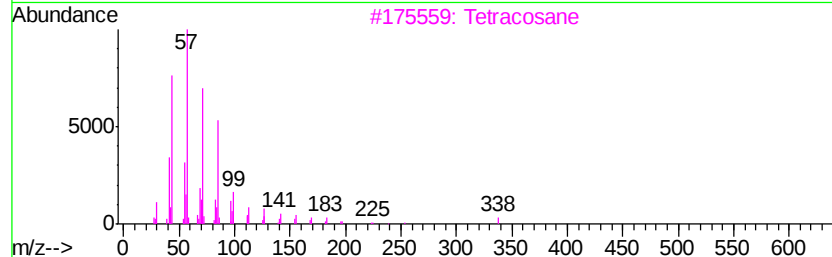
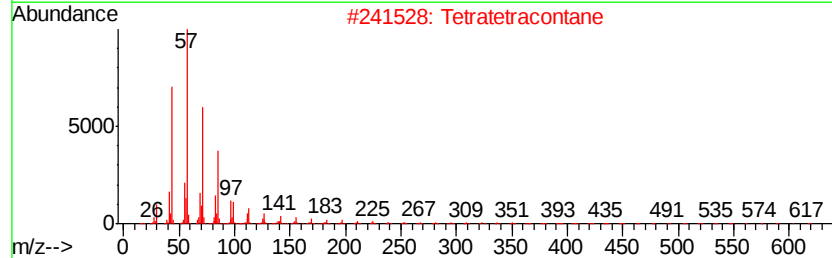
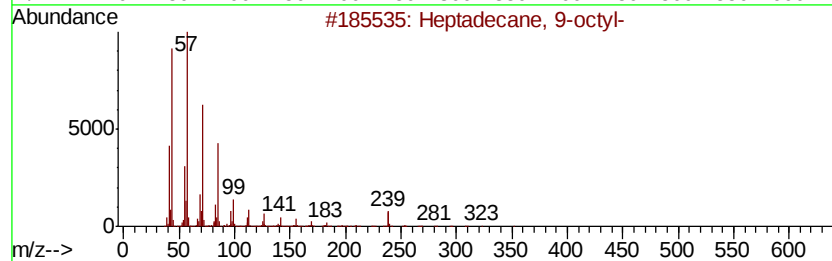
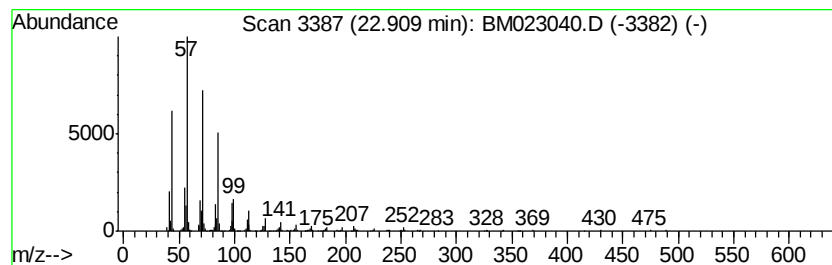
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	3.97 ng/ul	569930	Perylene-d12	23.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023040.D
Acq On : 08 Oct 2019 11:59
Operator : JU
Sample : K5056-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE3

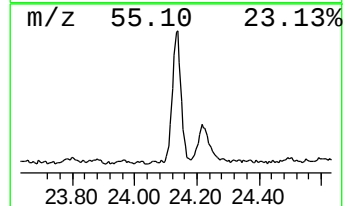
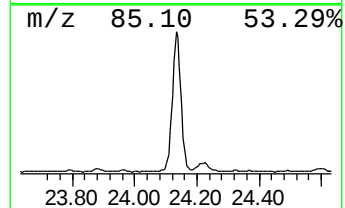
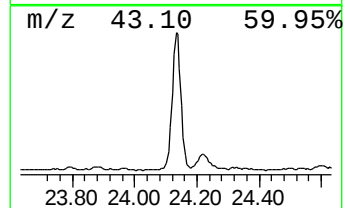
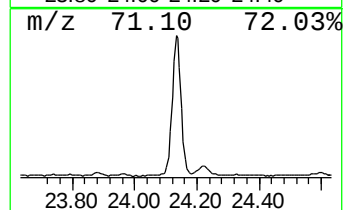
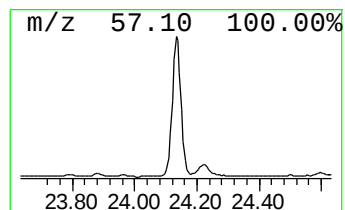
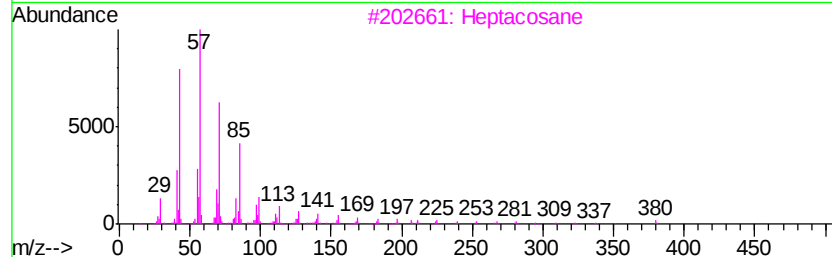
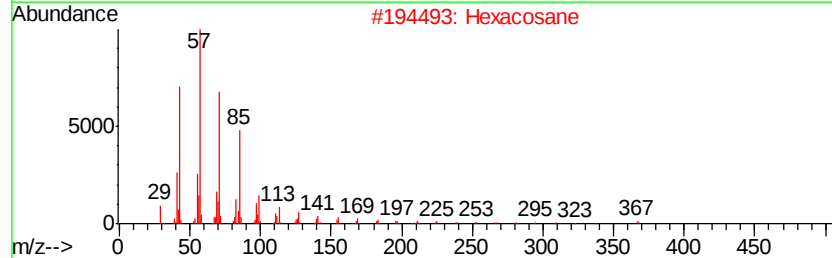
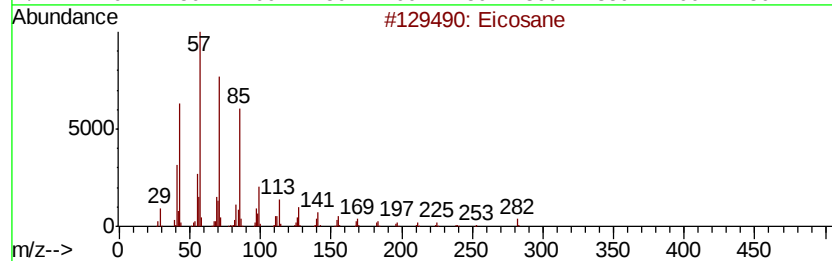
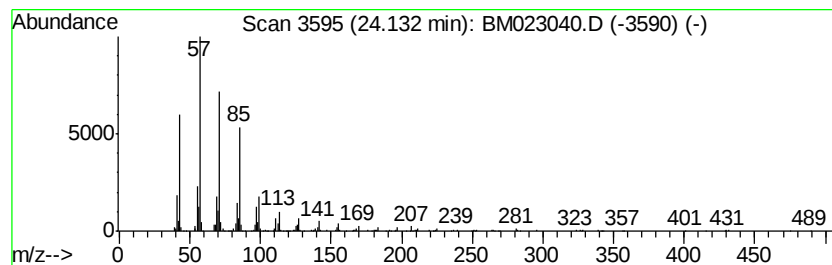
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	4.31 ng/ul	619144	Perylene-d12	23.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	98
2			Hexacosane	366	C26H54	000630-01-3	93
3			Heptacosane	380	C27H56	000593-49-7	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023040.D
Acq On : 08 Oct 2019 11:59
Operator : JU
Sample : K5056-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE3

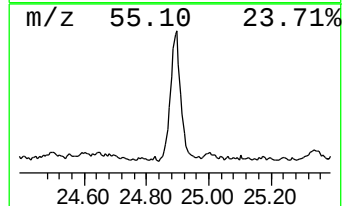
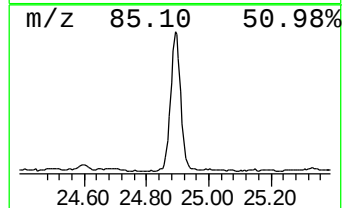
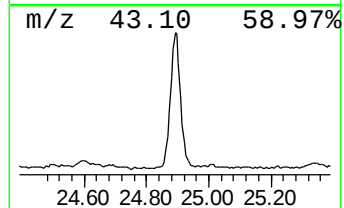
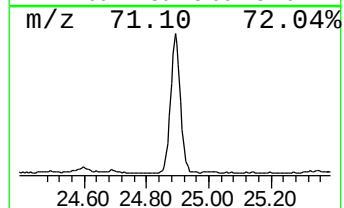
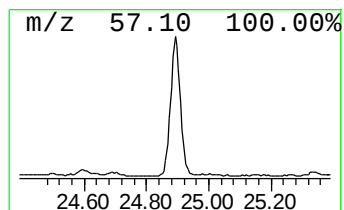
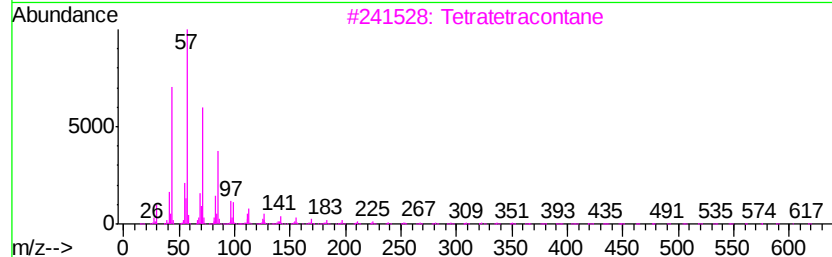
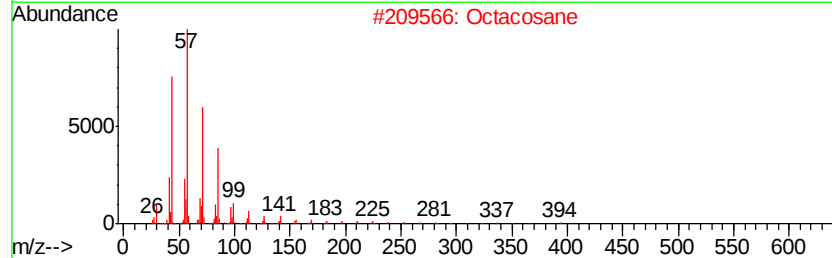
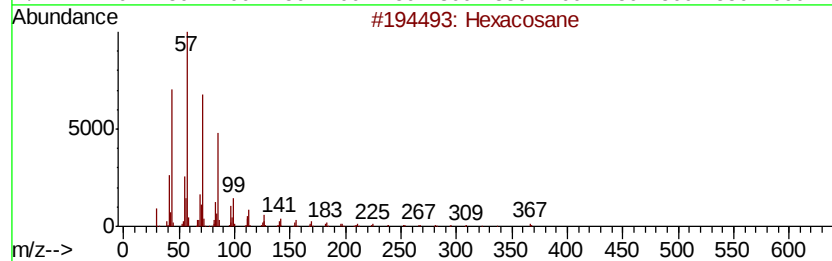
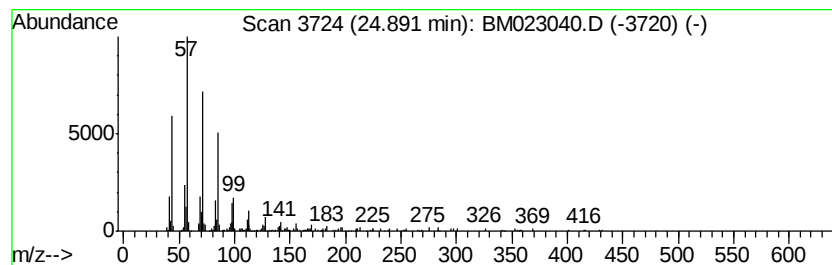
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	3.31 ng/ul	475567	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
Data File : BM023040.D
Acq On : 08 Oct 2019 11:59
Operator : JU
Sample : K5056-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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	18.05	2.3	ng/ul	251512	4	17.15	2224250	20.0
1-Dodecanol, 2-he...	21.06	3.1	ng/ul	412133	5	21.33	2642620	20.0
(DEL) Alkane: Str...	21.93	2.4	ng/ul	313861	5	21.33	2642620	20.0
(DEL) Alkane: Str...	22.39	3.1	ng/ul	405106	5	21.33	2642620	20.0
(DEL) Alkane: Str...	22.91	4.0	ng/ul	569930	6	23.59	2872470	20.0
(DEL) Alkane: Str...	24.13	4.3	ng/ul	619144	6	23.59	2872470	20.0
(DEL) Alkane: Str...	24.89	3.3	ng/ul	475567	6	23.59	2872470	20.0