

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024135.D
 Acq On : 17 Dec 2019 23:21
 Operator : JU
 Sample : K6132-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQR3

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	3.011	18	21	30	rVB	73399	117277	1.09%	0.097%
2	3.705	137	139	143	rVB3	14843	15043	0.14%	0.012%
3	6.528	615	619	626	rVB8	7769	14623	0.14%	0.012%
4	6.616	630	634	635	rBV	31847	33165	0.31%	0.027%
5	6.652	635	640	651	rVB	442123	787495	7.31%	0.652%
6	6.805	660	666	680	rBV	1181357	1998603	18.54%	1.654%
7	6.987	691	697	711	rBV	1358345	2297734	21.32%	1.902%
8	7.452	768	776	787	rBV	1526099	2487459	23.08%	2.059%
9	7.563	792	795	803	rVB6	13382	27283	0.25%	0.023%
10	8.175	891	899	919	rBV	1323097	2226469	20.66%	1.843%
11	8.604	965	972	984	rBV	1612747	2680321	24.87%	2.218%
12	8.687	984	986	994	rVB7	15226	24899	0.23%	0.021%
13	8.781	1001	1002	1010	rVB7	7703	14194	0.13%	0.012%
14	8.957	1027	1032	1038	rVB	74320	117727	1.09%	0.097%
15	9.040	1042	1046	1049	rVV2	21338	31696	0.29%	0.026%
16	9.075	1049	1052	1061	rVB4	27690	44251	0.41%	0.037%
17	9.222	1073	1077	1079	rBV5	7048	11633	0.11%	0.010%
18	9.322	1082	1094	1105	rVV	1337647	2280071	21.15%	1.887%
19	9.634	1138	1147	1153	rVB10	14845	39740	0.37%	0.033%
20	9.857	1178	1185	1203	rBV	2026576	3716378	34.48%	3.076%
21	10.010	1209	1211	1219	rVB8	14293	23576	0.22%	0.020%
22	10.216	1239	1246	1258	rBV	2409133	4077196	37.82%	3.374%
23	10.387	1265	1275	1287	rBV3	60124	162535	1.51%	0.135%
24	10.675	1314	1324	1329	rVB3	16236	51393	0.48%	0.043%
25	10.804	1341	1346	1352	rVB8	13328	27577	0.26%	0.023%
26	10.957	1367	1372	1379	rVB10	11664	24682	0.23%	0.020%
27	11.081	1386	1393	1401	rVV6	35460	87327	0.81%	0.072%
28	11.145	1401	1404	1408	rVB6	11529	16567	0.15%	0.014%
29	11.198	1410	1413	1416	rBV5	7254	10973	0.10%	0.009%
30	11.451	1449	1456	1465	rBV5	8103	25797	0.24%	0.021%
31	11.645	1485	1489	1490	rBV4	11366	11882	0.11%	0.010%
32	11.781	1508	1512	1513	rBV4	11077	12966	0.12%	0.011%
33	11.828	1513	1520	1525	rVV	44891	87420	0.81%	0.072%
34	11.898	1529	1532	1540	rVB9	7700	19610	0.18%	0.016%

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35	12.410	1617	1619	1624	rBV6	7649	11834	0.11%	0.010%
36	12.722	1669	1672	1676	rBV6	11955	16896	0.16%	0.014%
37	13.539	1804	1811	1815	rBV	4096281	5639060	52.31%	4.667%
38	13.586	1815	1819	1829	rVB	421543	611764	5.68%	0.506%
39	13.798	1849	1855	1870	rBV	4923032	7192101	66.72%	5.952%
40	13.945	1874	1880	1893	rVB	171886	309107	2.87%	0.256%
41	14.110	1902	1908	1916	rBV2	3930990	5828004	54.07%	4.823%
42	14.175	1916	1919	1927	rVB4	36919	60034	0.56%	0.050%
43	14.369	1947	1952	1963	rBV	288972	658959	6.11%	0.545%
44	14.516	1975	1977	1984	rVB7	26331	40929	0.38%	0.034%
45	14.575	1984	1987	1991	rBV6	27977	35745	0.33%	0.030%
46	14.898	2038	2042	2045	rBV5	23894	35150	0.33%	0.029%
47	15.116	2072	2079	2086	rBV	6215466	8782546	81.48%	7.268%
48	15.263	2098	2104	2115	rBV	1855700	2649992	24.58%	2.193%
49	15.357	2117	2120	2124	rVB2	56098	69471	0.64%	0.057%
50	15.557	2152	2154	2156	rBV3	18230	17764	0.16%	0.015%
51	16.657	2339	2341	2345	rBV3	30761	29575	0.27%	0.024%
52	16.869	2371	2377	2387	rBV	5055658	6893477	63.95%	5.705%
53	16.969	2388	2394	2406	rVV2	6666752	9364378	86.87%	7.750%
54	17.798	2530	2535	2550	rBV	983789	1526671	14.16%	1.263%
55	19.092	2751	2755	2763	rBV	448620	676623	6.28%	0.560%
56	19.274	2781	2786	2797	rVB	8024330	10779197	100.00%	8.921%
57	20.821	3045	3049	3054	rBV	1067094	1305388	12.11%	1.080%
58	21.080	3088	3093	3103	rBV	5957831	7529992	69.86%	6.232%
59	21.262	3120	3124	3128	rBV	674857	755451	7.01%	0.625%
60	21.680	3191	3195	3201	rBV	1163222	1364772	12.66%	1.129%
61	22.121	3266	3270	3276	rVB	1557579	1940277	18.00%	1.606%
62	22.598	3347	3351	3357	rVB	1582901	2172599	20.16%	1.798%
63	23.080	3427	3433	3438	rBV	5177514	8935888	82.90%	7.395%
64	23.133	3438	3442	3448	rVB	1485526	2313357	21.46%	1.915%
65	23.215	3450	3456	3465	rVB2	3668032	6500697	60.31%	5.380%
66	23.733	3539	3544	3552	rVB	1082899	1913273	17.75%	1.583%
67	24.427	3658	3662	3670	rVB	641320	1265448	11.74%	1.047%

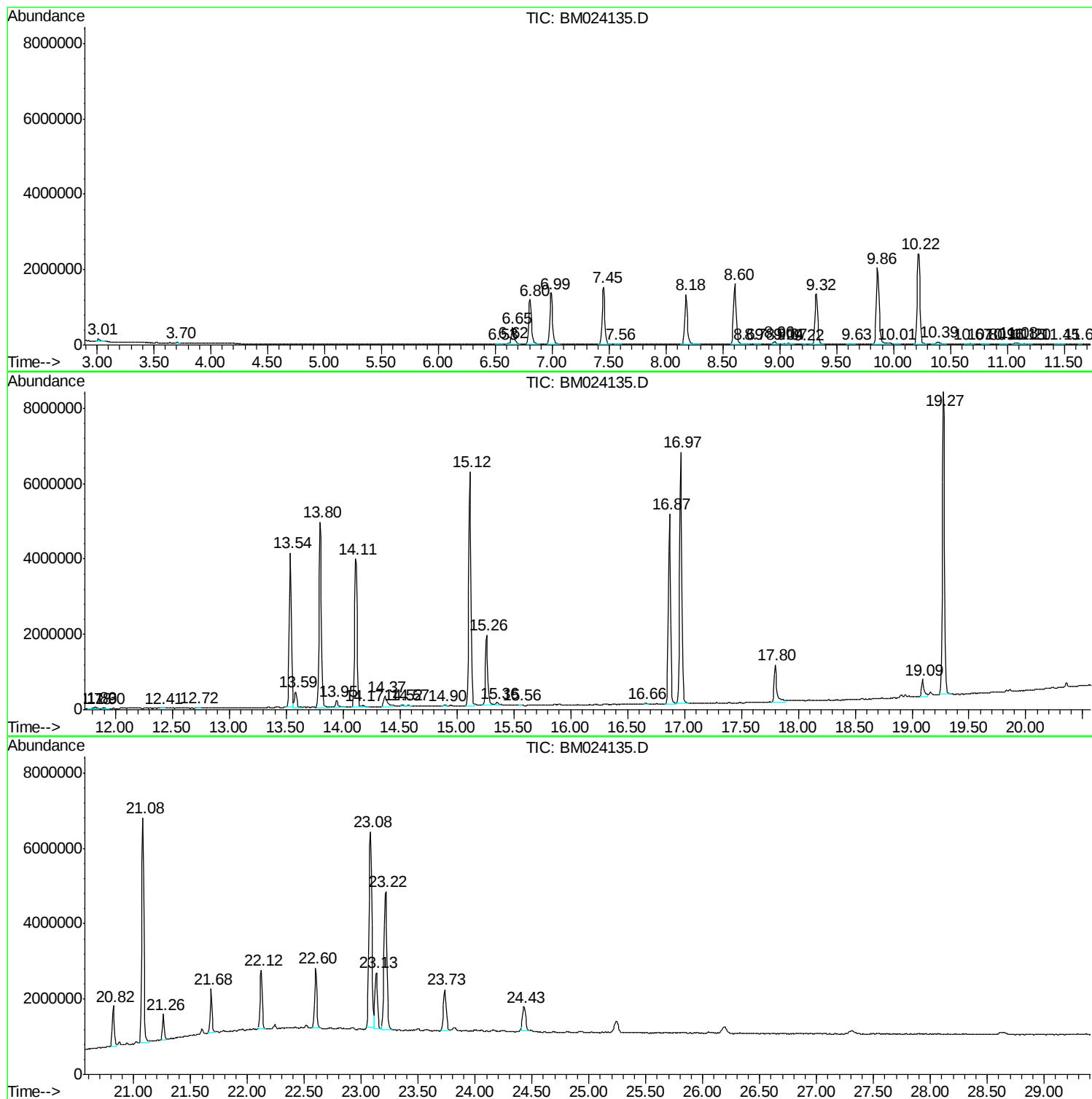
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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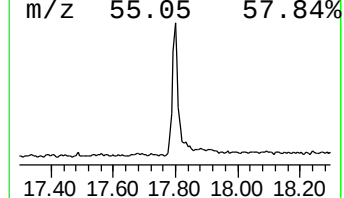
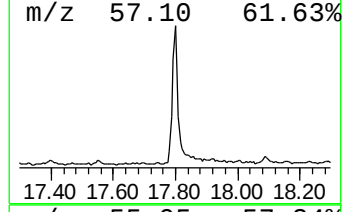
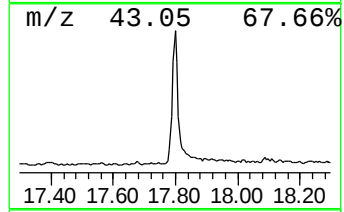
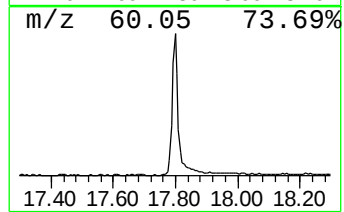
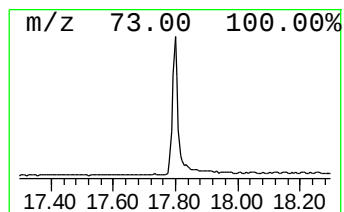
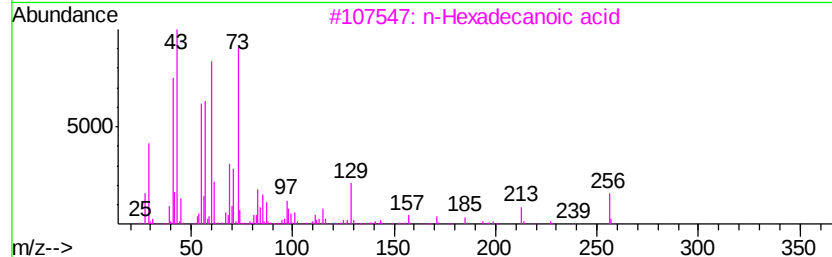
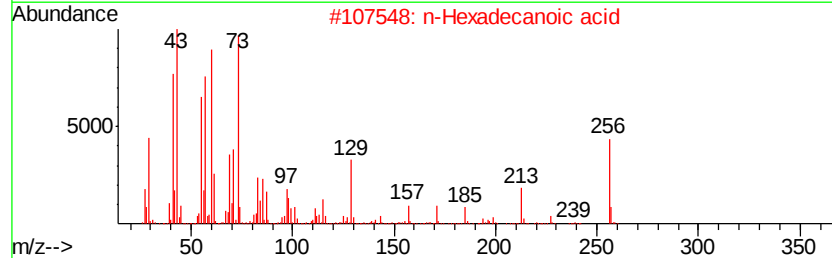
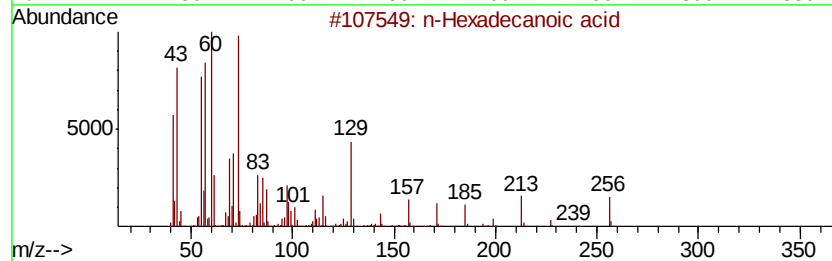
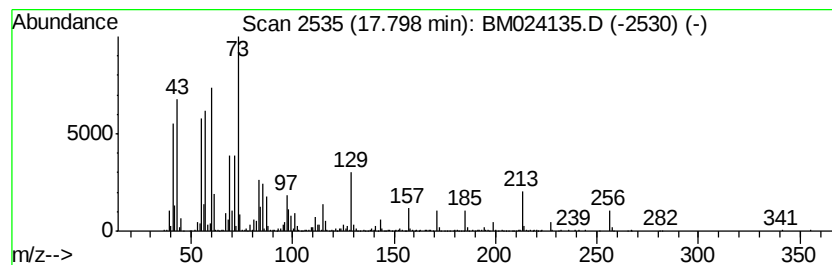
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	4.43 ng/ul	1526670	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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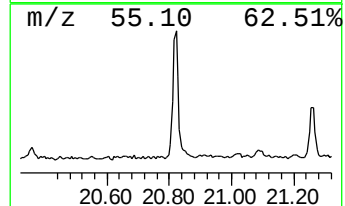
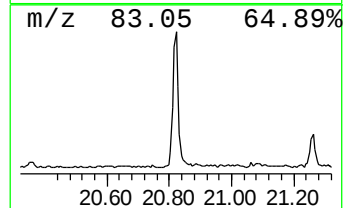
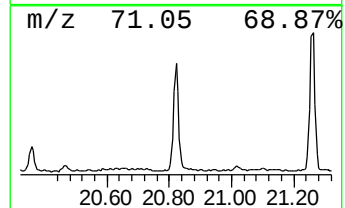
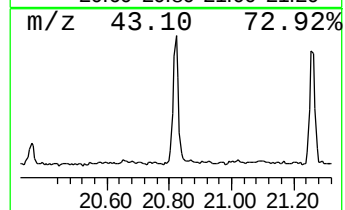
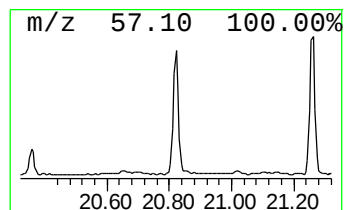
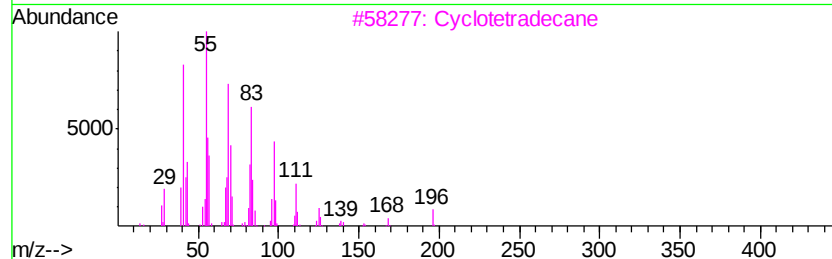
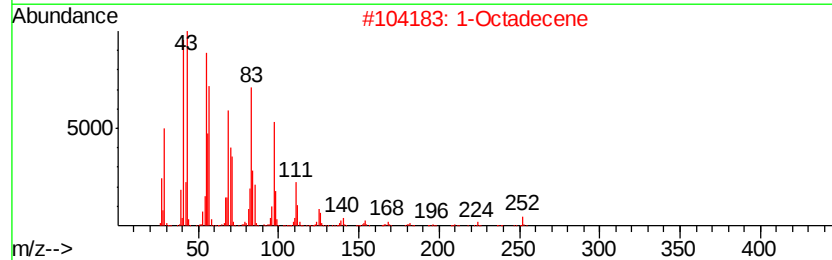
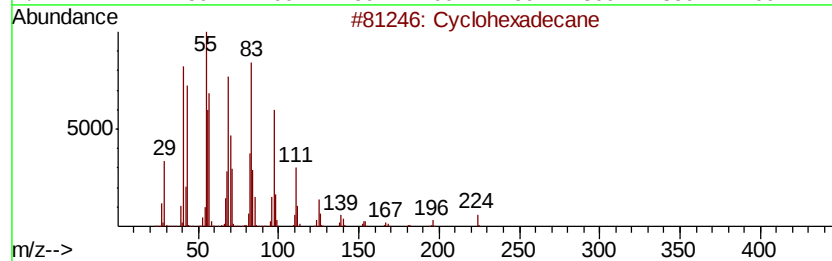
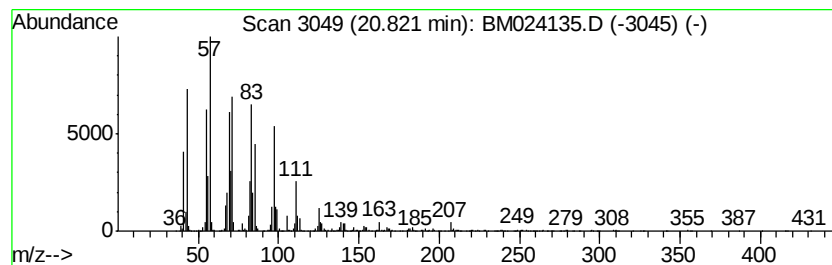
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.47 ng/ul	1305390	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		1-Octadecene	252	C18H36	000112-88-9	91
3		Cyclotetradecane	196	C14H28	000295-17-0	91
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	81



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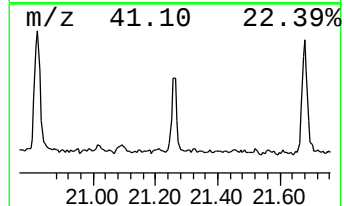
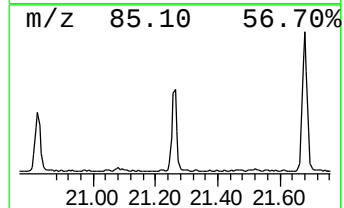
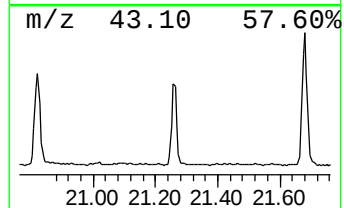
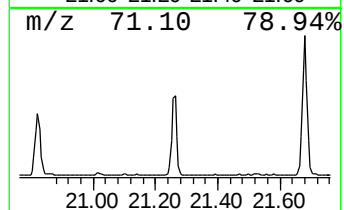
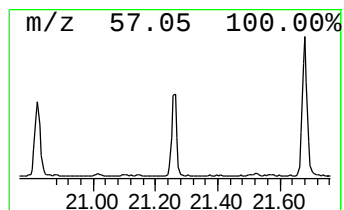
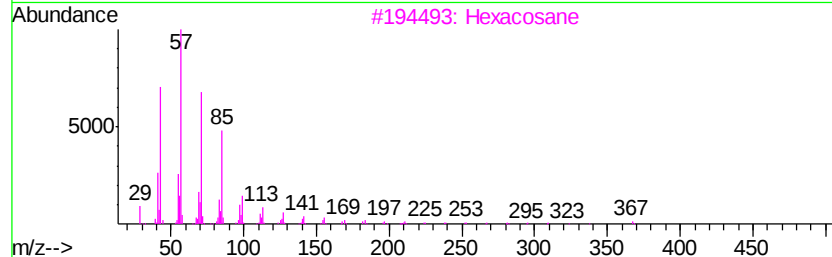
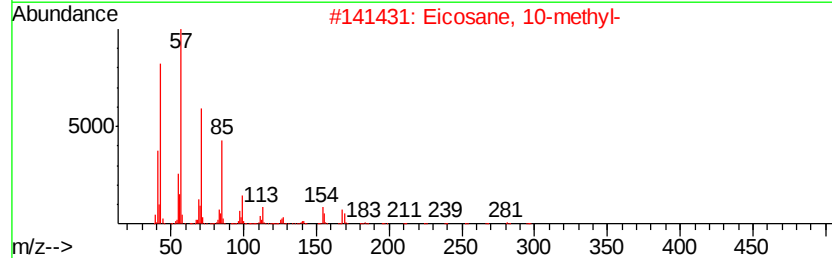
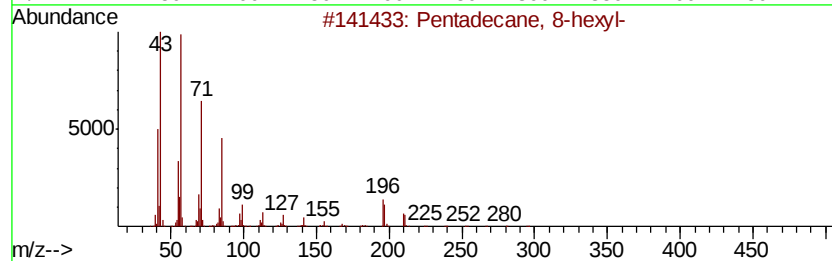
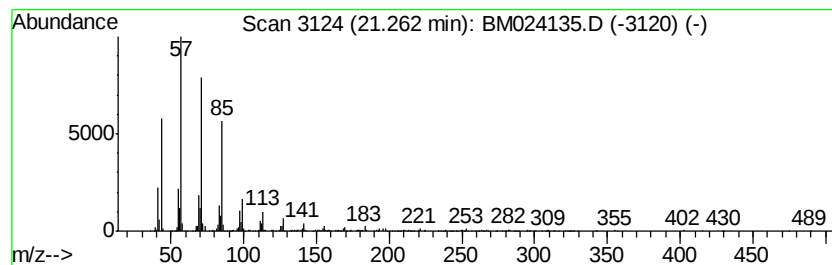
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	2.01 ng/ul	755451	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



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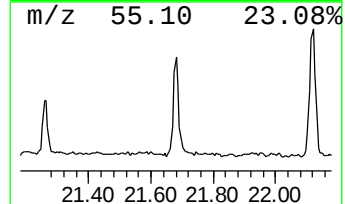
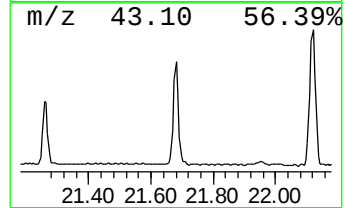
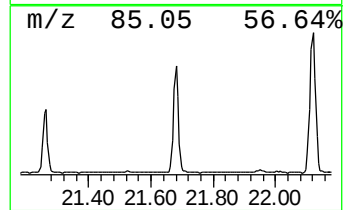
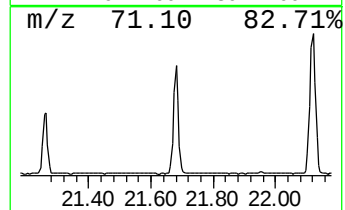
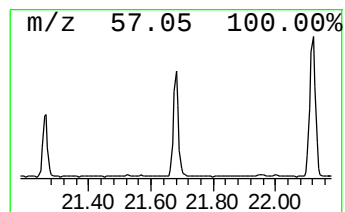
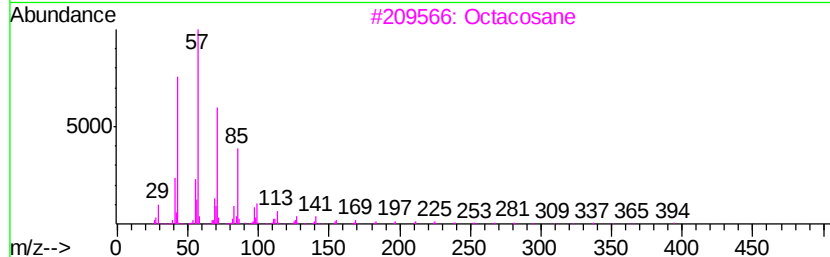
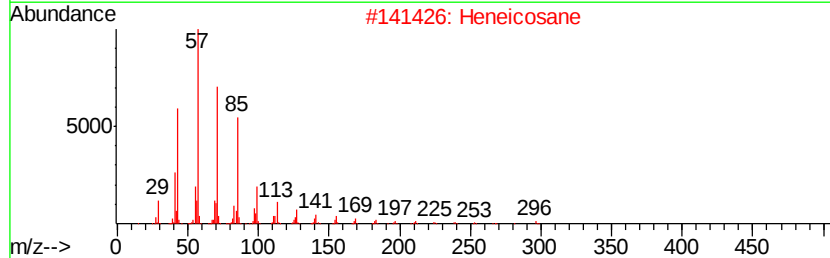
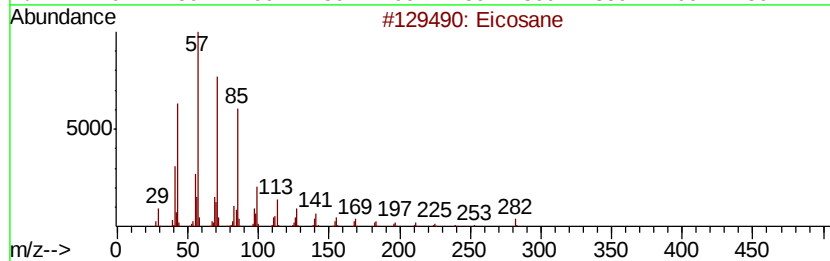
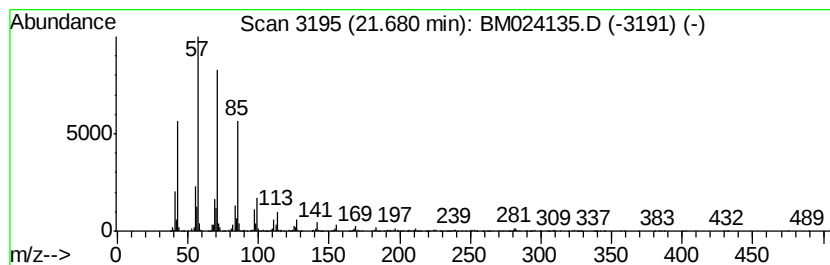
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	3.62 ng/ul	1364770	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



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BFQR3

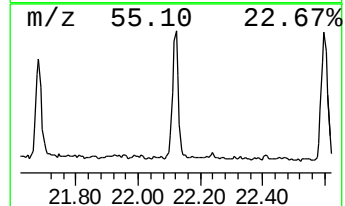
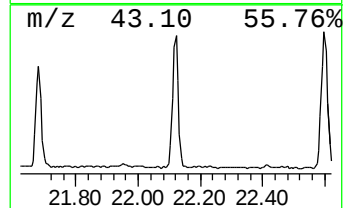
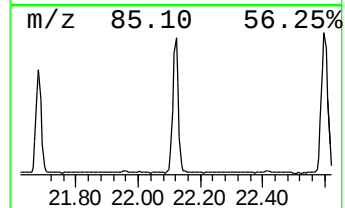
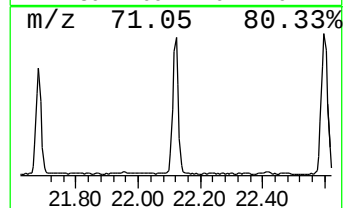
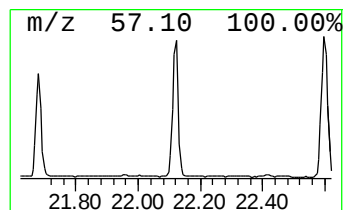
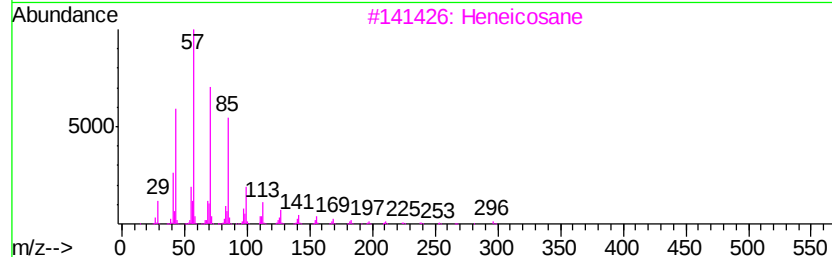
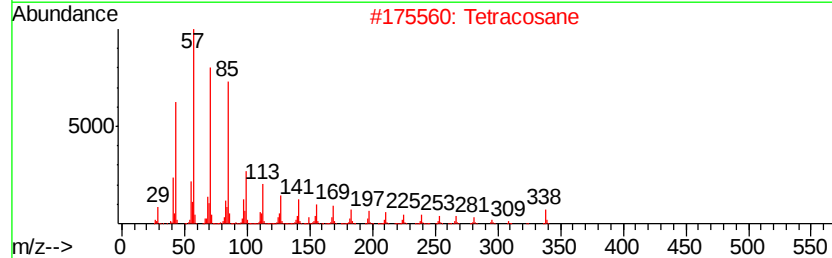
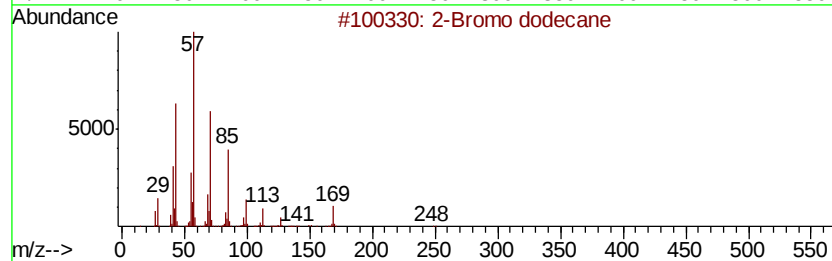
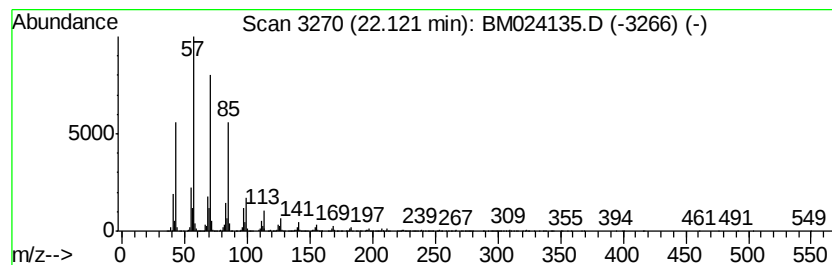
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	5.15 ng/ul	1940280	Chrysene-d12	21.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	93
2	Tetracosane		338	C24H50	000646-31-1	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024135.D
Acq On : 17 Dec 2019 23:21
Operator : JU
Sample : K6132-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR3

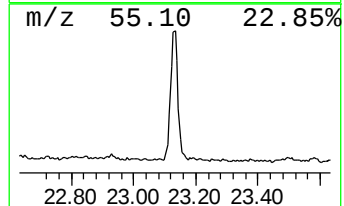
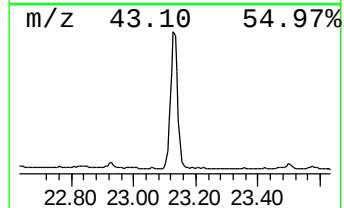
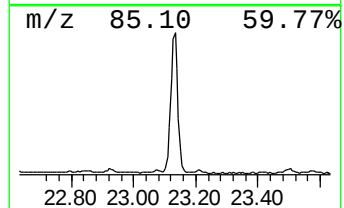
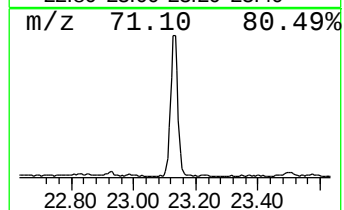
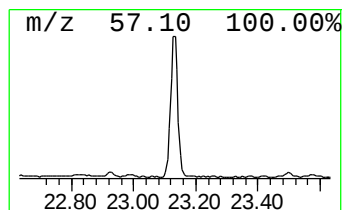
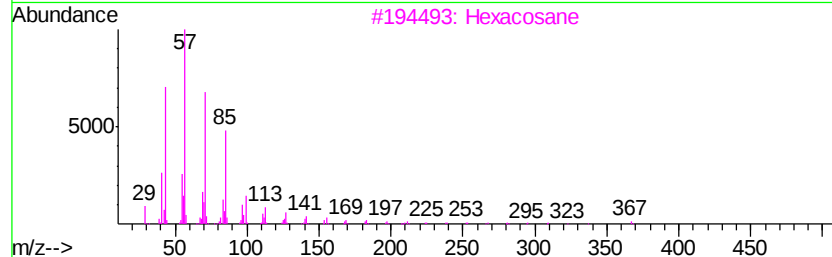
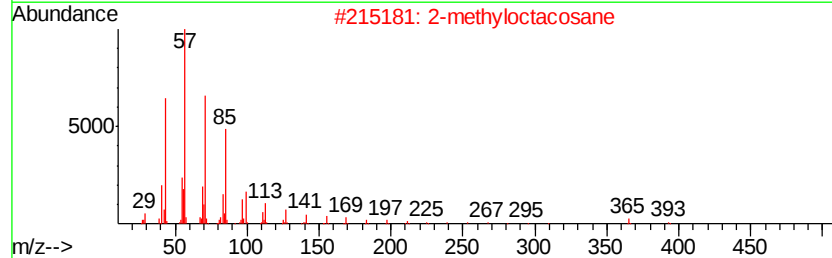
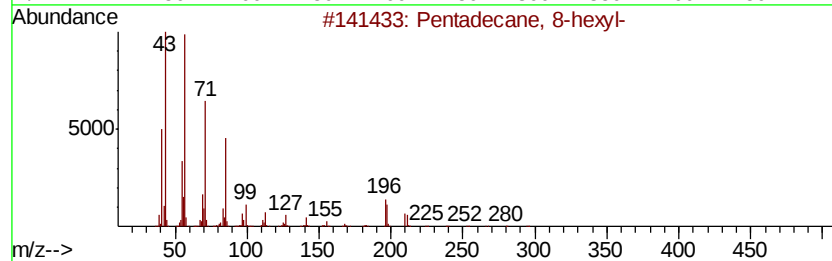
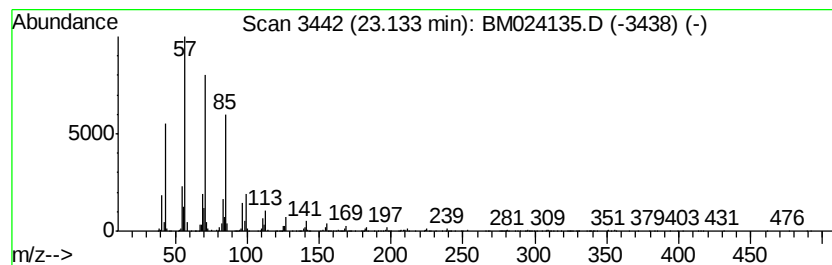
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	7.12 ng/ul	2313360	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024135.D
Acq On : 17 Dec 2019 23:21
Operator : JU
Sample : K6132-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR3

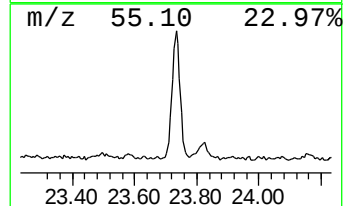
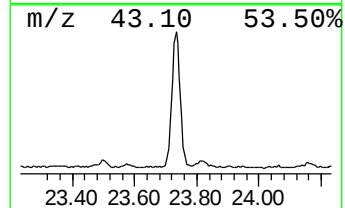
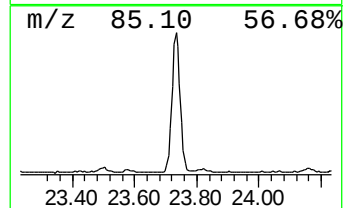
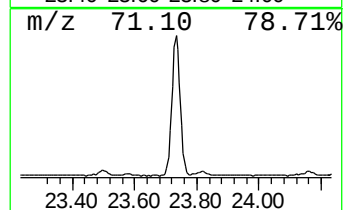
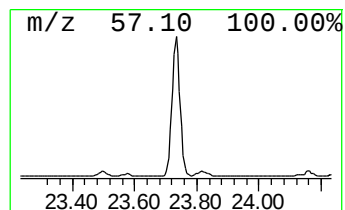
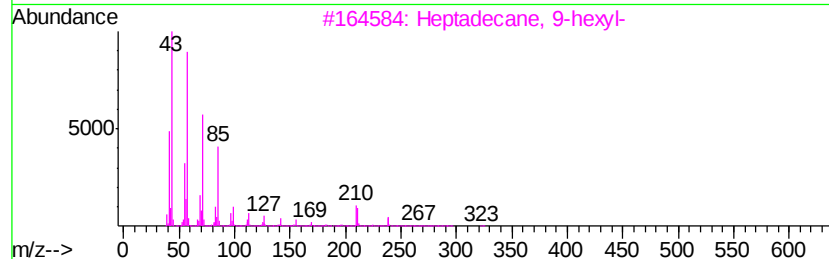
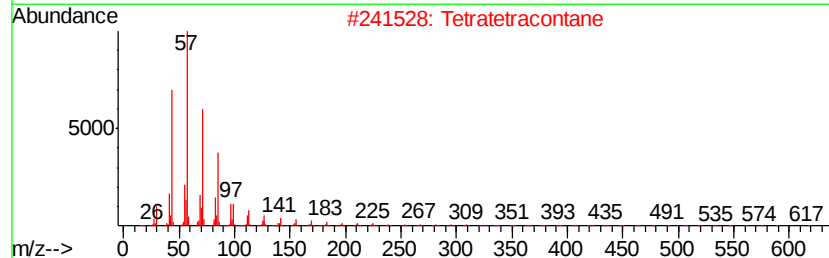
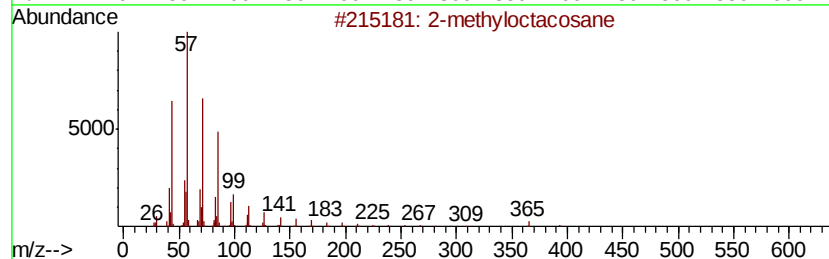
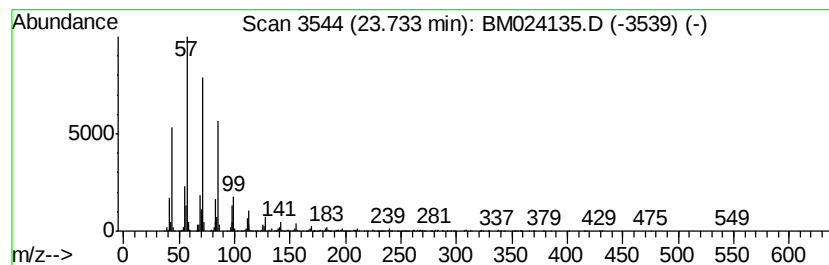
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	5.89 ng/ul	1913270	Perylene-d12	23.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024135.D
Acq On : 17 Dec 2019 23:21
Operator : JU
Sample : K6132-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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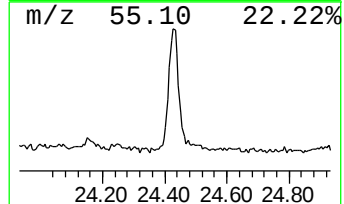
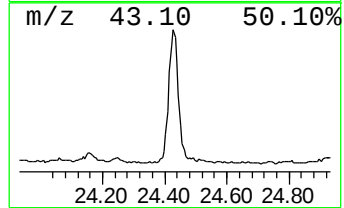
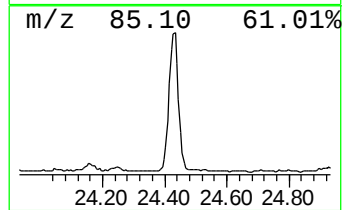
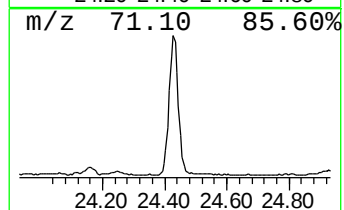
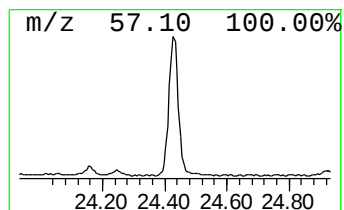
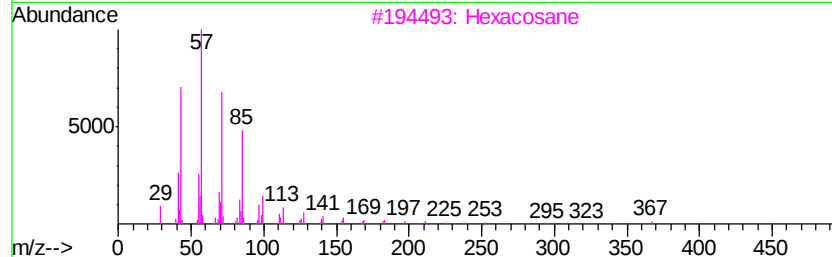
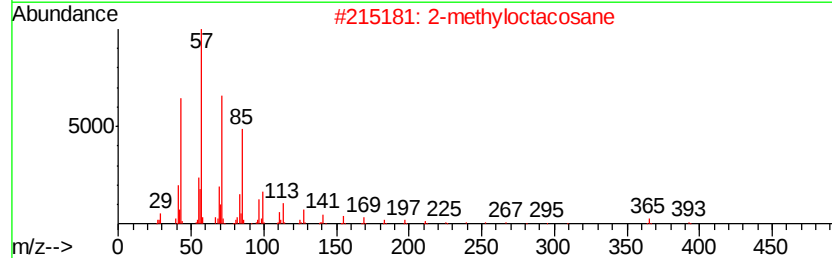
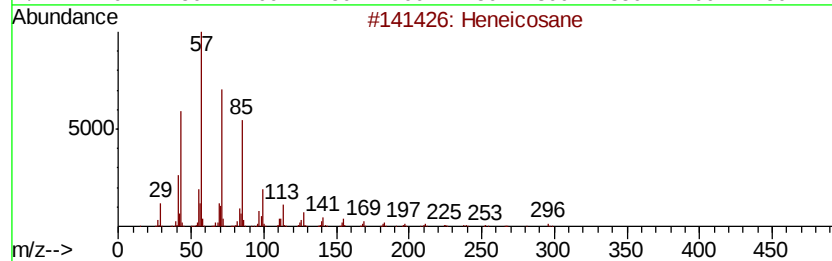
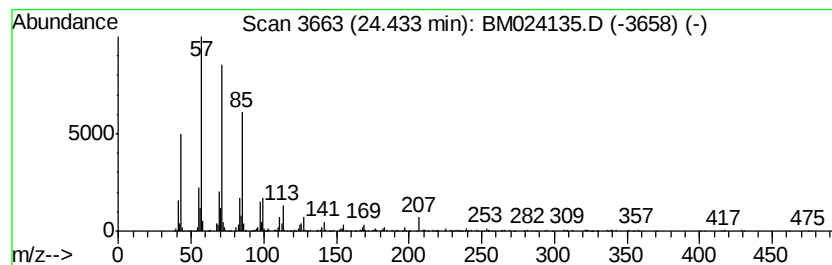
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.43	3.89 ng/ul	1265450	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121719\
Data File : BM024135.D
Acq On : 17 Dec 2019 23:21
Operator : JU
Sample : K6132-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR3

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	17.80	4.4	ng/ul	1526670	4	16.87	6893480	20.0
(DEL) Alkane: Cyc...	20.82	3.5	ng/ul	1305390	5	21.08	7529990	20.0
(DEL) Alkane: Str...	21.26	2.0	ng/ul	755451	5	21.08	7529990	20.0
(DEL) Alkane: Str...	21.68	3.6	ng/ul	1364770	5	21.08	7529990	20.0
2-Bromo dodecane	22.12	5.2	ng/ul	1940280	5	21.08	7529990	20.0
(DEL) Alkane: Str...	23.13	7.1	ng/ul	2313360	6	23.22	6500700	20.0
(DEL) Alkane: Str...	23.73	5.9	ng/ul	1913270	6	23.22	6500700	20.0
(DEL) Alkane: Str...	24.43	3.9	ng/ul	1265450	6	23.22	6500700	20.0