

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 Data File : BM024518.D
 Acq On : 18 Jan 2020 04:42
 Operator : JU
 Sample : L1169-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF761

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-BM011520MA.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	3.063	26	30	38	rVB	43122	65483	0.87%	0.092%
2	3.681	131	135	142	rVB3	10279	15491	0.20%	0.022%
3	3.763	145	149	152	rBV2	8595	11277	0.15%	0.016%
4	6.645	634	639	650	rBV	204502	340549	4.50%	0.478%
5	6.804	660	666	676	rBV	568552	855268	11.30%	1.201%
6	6.998	692	699	707	rBV	713710	1118523	14.78%	1.570%
7	7.457	770	777	789	rBV	832436	1303104	17.22%	1.830%
8	8.163	891	897	906	rBV	643489	995021	13.15%	1.397%
9	8.592	963	970	982	rBV	874508	1387570	18.33%	1.948%
10	9.098	1051	1056	1063	rVB3	18840	26677	0.35%	0.037%
11	9.310	1085	1092	1102	rBV	780806	1248758	16.50%	1.753%
12	9.386	1102	1105	1109	rVB3	8678	12860	0.17%	0.018%
13	9.722	1158	1162	1166	rBV4	7778	10813	0.14%	0.015%
14	9.845	1176	1183	1193	rBV	1247486	1999965	26.42%	2.808%
15	10.216	1239	1246	1255	rBV	1208890	1956095	25.84%	2.746%
16	10.357	1264	1270	1277	rBV2	73281	133414	1.76%	0.187%
17	11.816	1513	1518	1524	rVB	20336	32446	0.43%	0.046%
18	12.716	1667	1671	1676	rBV	9449	13697	0.18%	0.019%
19	13.098	1732	1736	1739	rVB3	9865	12003	0.16%	0.017%
20	13.527	1802	1809	1814	rBV	2795490	3757411	49.64%	5.276%
21	13.574	1814	1817	1822	rVB	174560	222677	2.94%	0.313%
22	13.792	1846	1854	1863	rBV	2779078	4097759	54.14%	5.754%
23	14.104	1900	1907	1927	rVV	2193390	3223902	42.59%	4.527%
24	14.310	1936	1942	1963	rVB	255998	419250	5.54%	0.589%
25	15.010	2056	2061	2065	rBV3	9202	12092	0.16%	0.017%
26	15.104	2070	2077	2089	rVV	3725369	5245659	69.30%	7.365%
27	15.221	2091	2097	2109	rVV	1248990	1775620	23.46%	2.493%
28	15.345	2113	2118	2126	rVB2	44929	65370	0.86%	0.092%
29	15.892	2203	2211	2215	rBV2	17471	33644	0.44%	0.047%
30	15.927	2215	2217	2220	rVV2	12734	14826	0.20%	0.021%
31	15.974	2220	2225	2234	rVV2	10359	20475	0.27%	0.029%
32	16.304	2275	2281	2285	rBV5	10926	16930	0.22%	0.024%
33	16.533	2318	2320	2326	rVB6	8249	8819	0.12%	0.012%
34	16.639	2334	2338	2342	rBV3	13337	18350	0.24%	0.026%

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35	16.668	2342	2343	2347	rVB3	10706	8124	0.11%	0.011%
36	16.851	2368	2374	2385	rBV	2742104	3846723	50.82%	5.401%
37	16.951	2385	2391	2404	rVV2	4456196	6106728	80.68%	8.574%
38	17.068	2408	2411	2413	rBV4	8203	8287	0.11%	0.012%
39	17.127	2418	2421	2425	rVB3	7208	9685	0.13%	0.014%
40	17.280	2442	2447	2452	rBV5	14210	21428	0.28%	0.030%
41	17.409	2464	2469	2476	rBV7	7619	13977	0.18%	0.020%
42	17.662	2509	2512	2517	rBV6	9103	13842	0.18%	0.019%
43	17.792	2529	2534	2541	rBV	349167	514053	6.79%	0.722%
44	18.098	2584	2586	2591	rVB4	15293	18975	0.25%	0.027%
45	18.233	2605	2609	2612	rBV4	28323	33111	0.44%	0.046%
46	18.468	2647	2649	2655	rVB6	10636	10260	0.14%	0.014%
47	18.521	2655	2658	2662	rVB4	6641	9082	0.12%	0.013%
48	18.662	2679	2682	2687	rVB6	14870	19705	0.26%	0.028%
49	18.745	2692	2696	2699	rVB2	26956	32341	0.43%	0.045%
50	18.886	2716	2720	2724	rBV	63734	87170	1.15%	0.122%
51	18.933	2724	2728	2731	rVV5	32221	46424	0.61%	0.065%
52	18.962	2731	2733	2743	rVB9	27684	48172	0.64%	0.068%
53	19.086	2750	2754	2759	rBV2	148722	188254	2.49%	0.264%
54	19.139	2759	2763	2768	rVB	49564	75252	0.99%	0.106%
55	19.256	2776	2783	2791	rBV	5654797	7569117	100.00%	10.628%
56	19.327	2791	2795	2798	rVV3	59554	78529	1.04%	0.110%
57	19.362	2798	2801	2805	rVB	39811	48095	0.64%	0.068%
58	19.562	2831	2835	2837	rBV4	15561	20996	0.28%	0.029%
59	19.827	2877	2880	2883	rBV3	23288	22038	0.29%	0.031%
60	19.868	2883	2887	2891	rVB	99762	108252	1.43%	0.152%
61	20.339	2964	2967	2968	rBV3	24149	25235	0.33%	0.035%
62	20.368	2968	2972	2975	rVB	164547	180660	2.39%	0.254%
63	20.821	3044	3049	3054	rBV2	795968	1189681	15.72%	1.670%
64	21.056	3084	3089	3096	rBV	3454359	4492038	59.35%	6.307%
65	21.268	3121	3125	3132	rBV	403946	442846	5.85%	0.622%
66	21.692	3193	3197	3203	rVB	453125	553706	7.32%	0.777%
67	22.127	3268	3271	3282	rVB	480664	655762	8.66%	0.921%
68	22.244	3287	3291	3298	rVV	573835	687728	9.09%	0.966%
69	22.609	3348	3353	3363	rBV	533530	757108	10.00%	1.063%
70	23.044	3420	3427	3436	rVV	3991171	6735846	88.99%	9.458%
71	23.174	3438	3449	3463	rVB	2290561	4931481	65.15%	6.924%

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72	23.744	3541	3546	3552	rVB	365062	624097	8.25%	0.876%
73	24.438	3659	3664	3674	rVB	256110	515181	6.81%	0.723%

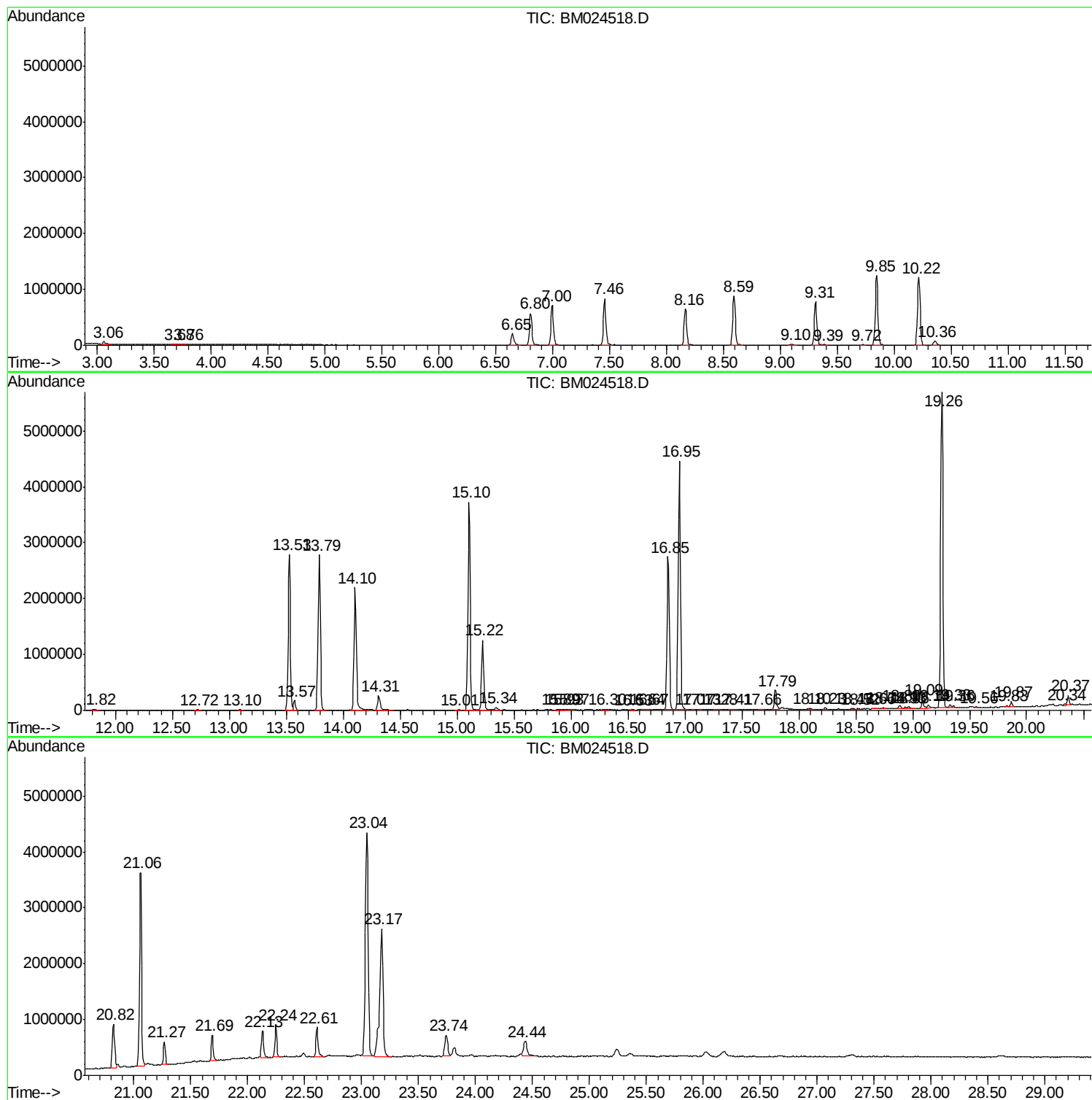
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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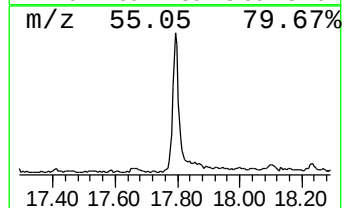
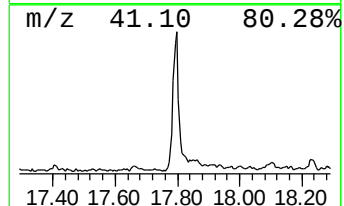
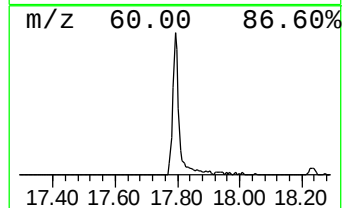
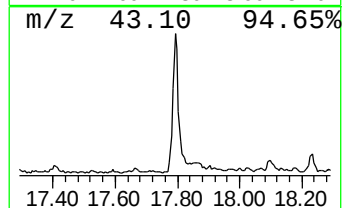
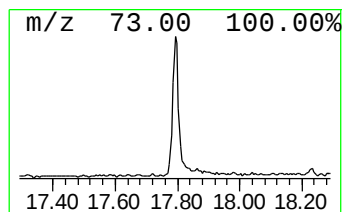
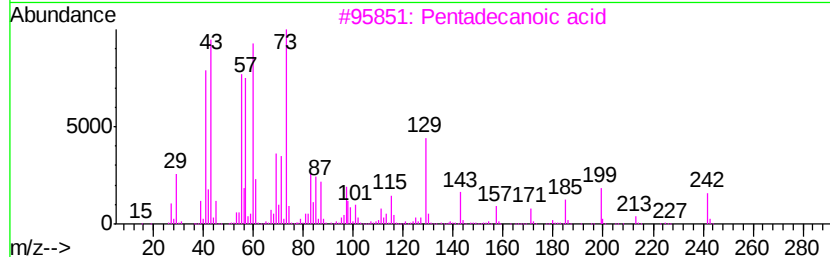
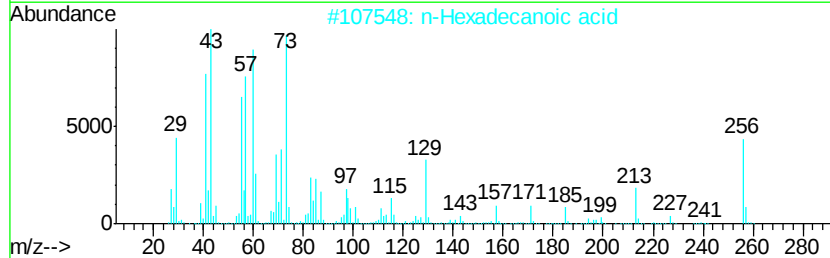
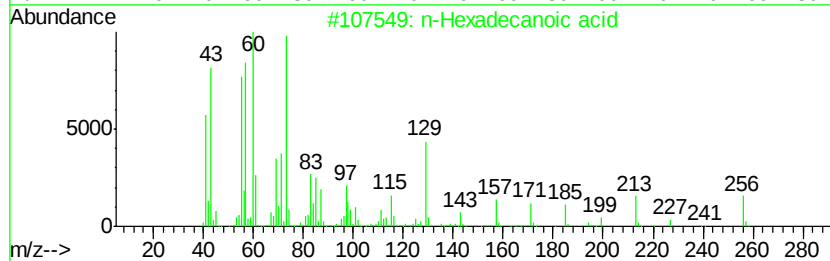
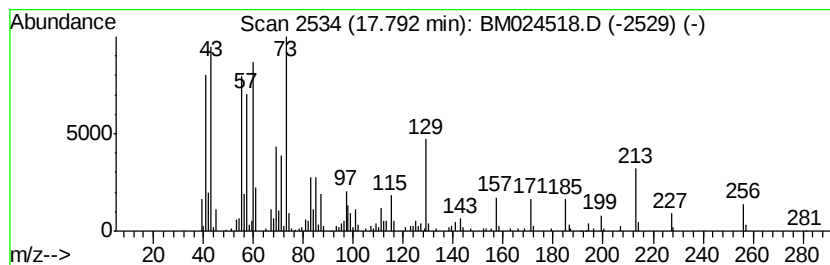
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Quant Title : SVOA CALIBRATION

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.		
17.79	2.67 ng/ul	514053	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		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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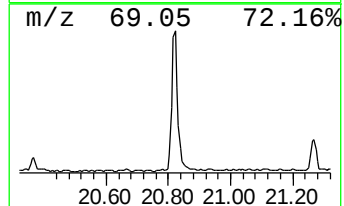
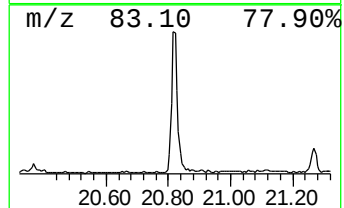
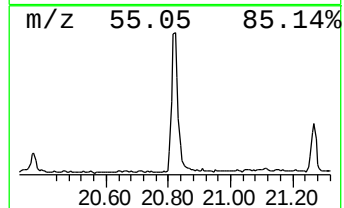
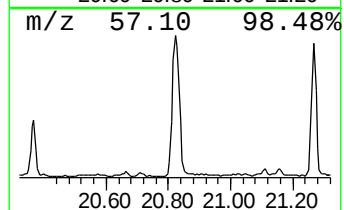
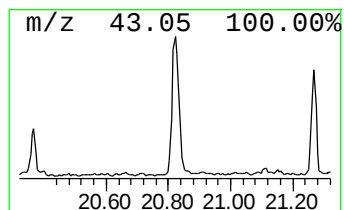
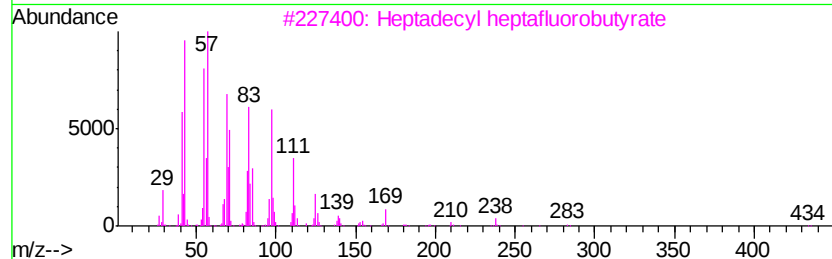
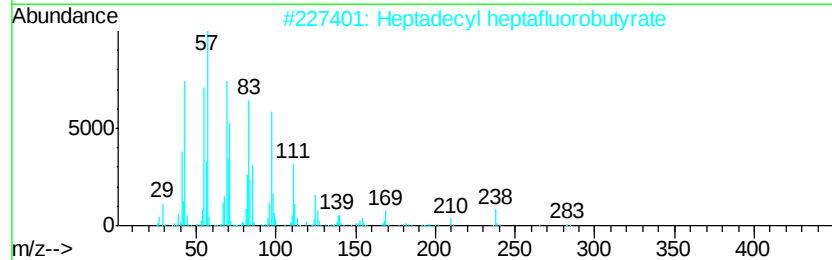
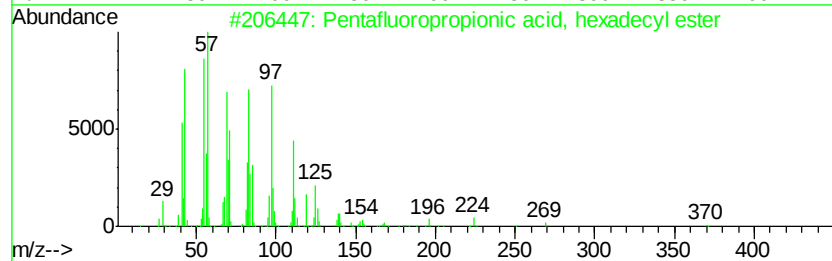
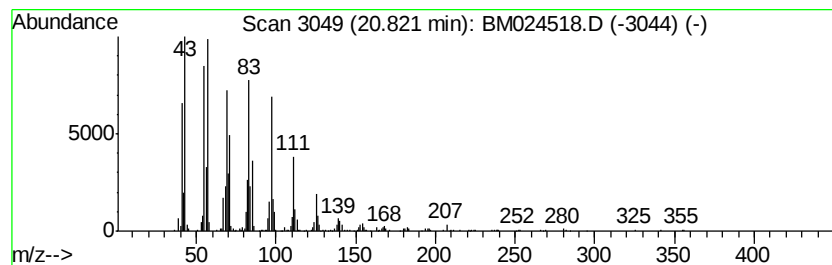
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentafluoropropionic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	5.30 ng/ul	1189680	Chrysene-d12	21.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



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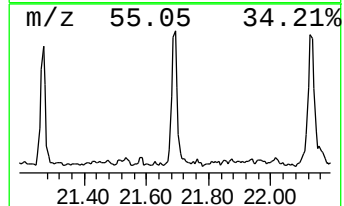
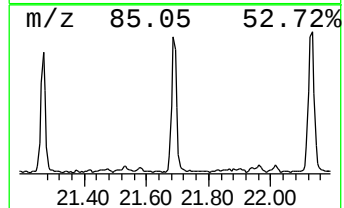
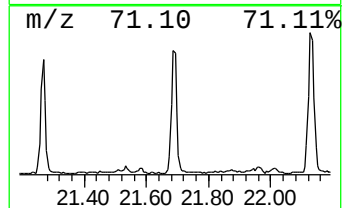
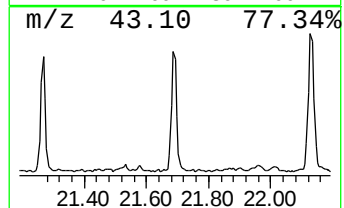
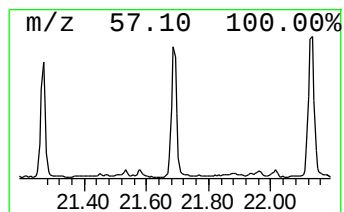
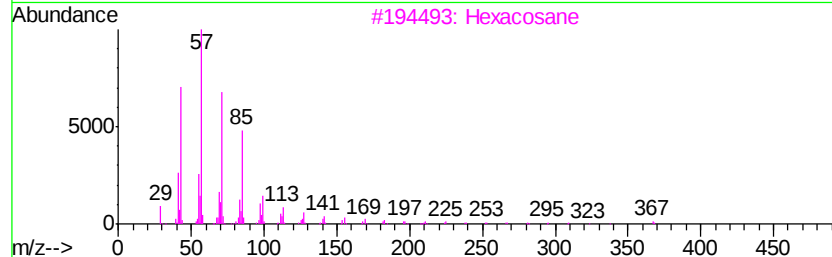
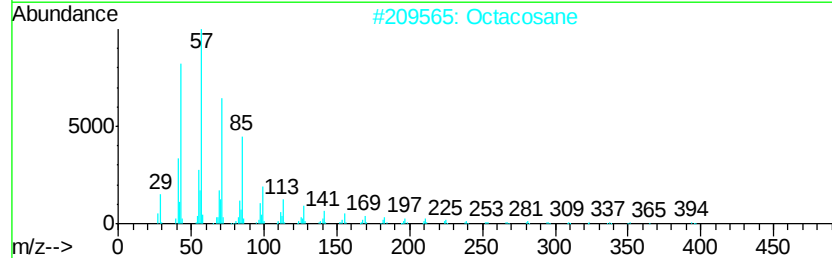
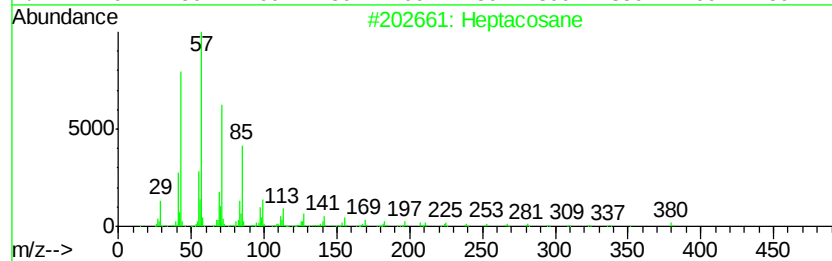
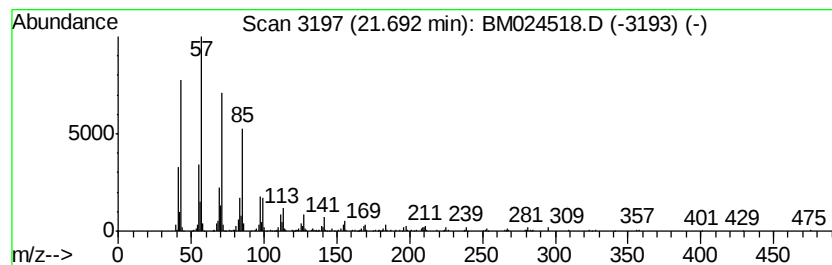
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.47 ng/ul	553706	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5		Octadecane	254	C18H38	000593-45-3	90



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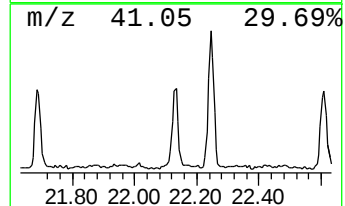
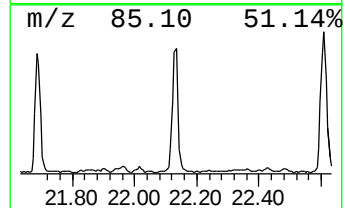
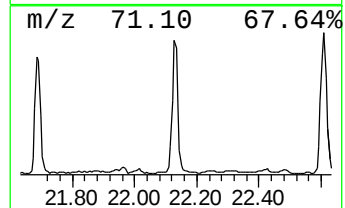
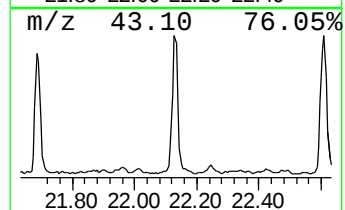
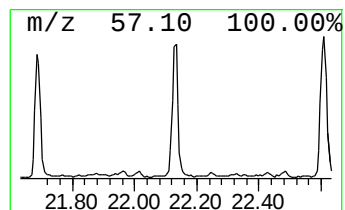
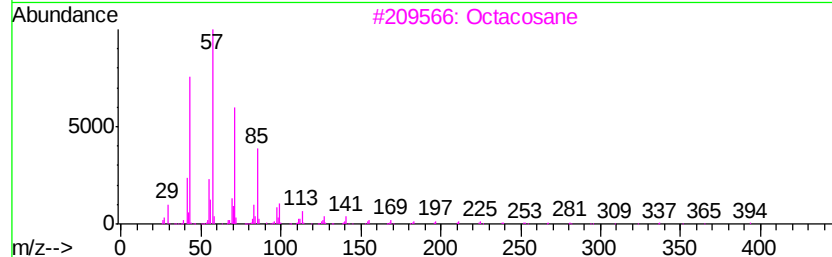
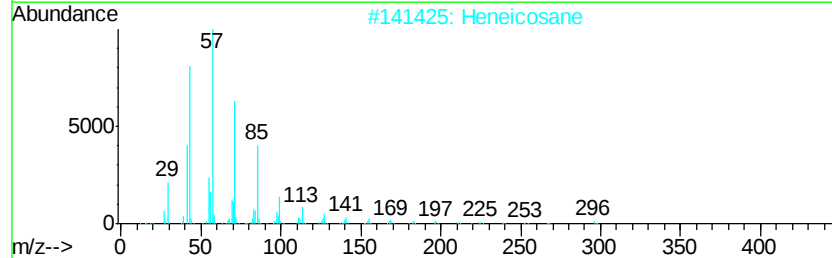
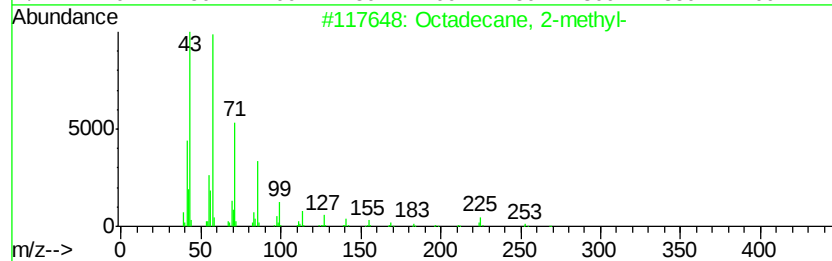
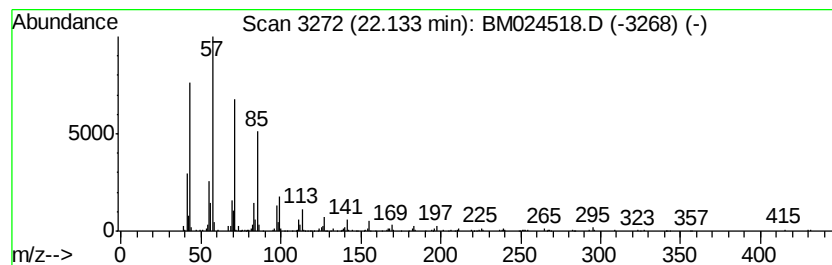
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.66 ng/ul	655762	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024518.D
Acq On : 18 Jan 2020 04:42
Operator : JU
Sample : L1169-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF761

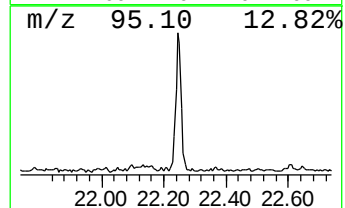
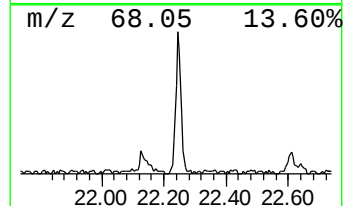
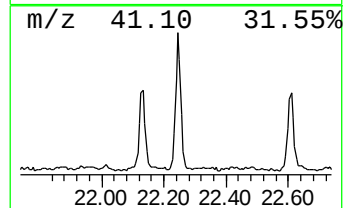
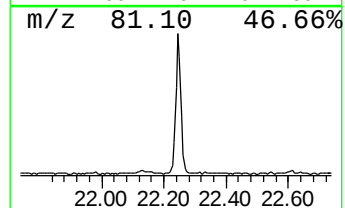
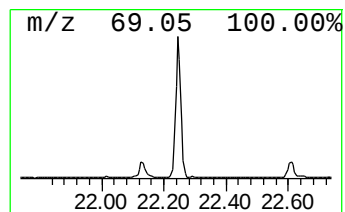
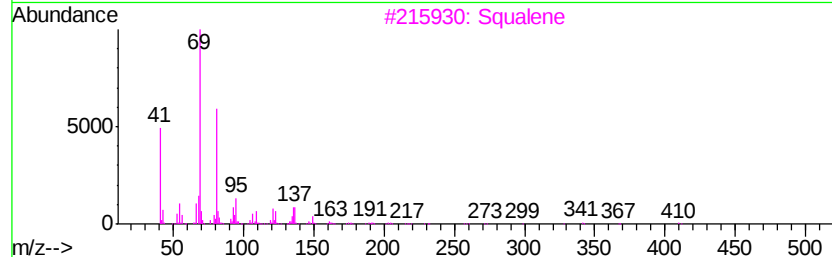
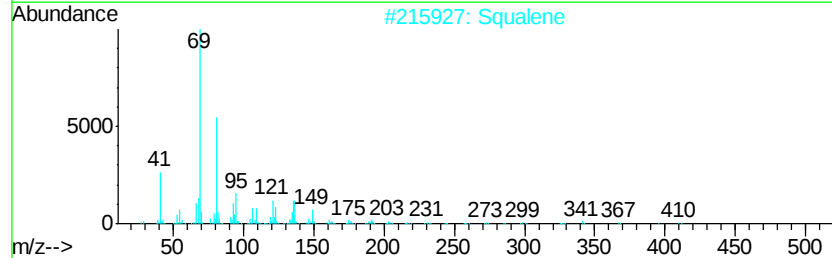
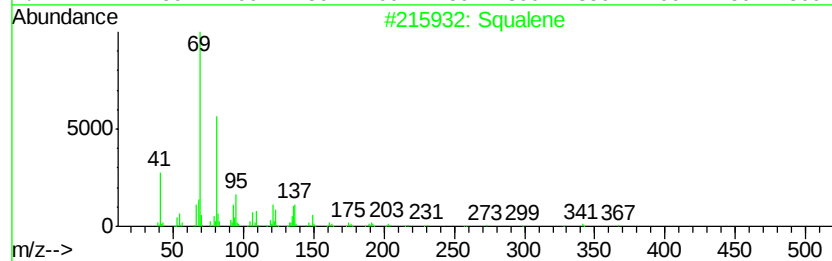
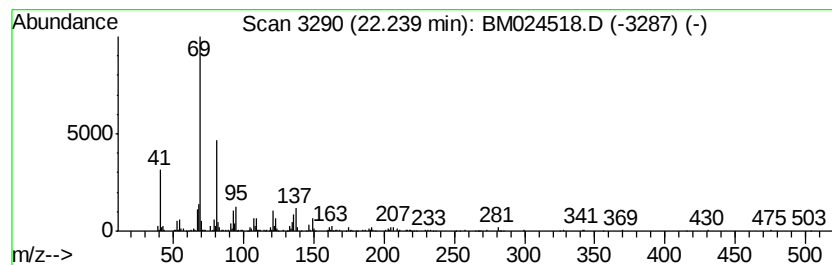
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.79 ng/ul	687728	Perylene-d12	23.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene		410	C30H50	000111-02-4	94
2	Squalene		410	C30H50	000111-02-4	91
3	Squalene		410	C30H50	000111-02-4	90
4	Supraene		410	C30H50	007683-64-9	90
5	1,5,9-Undecatriene, 2,6,10-trime...		192	C14H24	062951-96-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024518.D
Acq On : 18 Jan 2020 04:42
Operator : JU
Sample : L1169-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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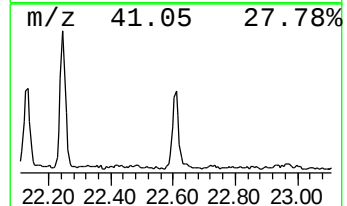
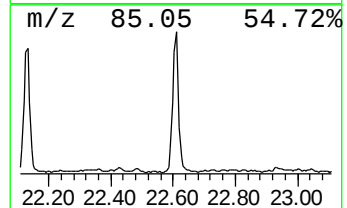
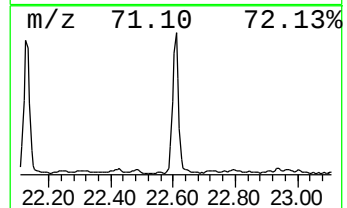
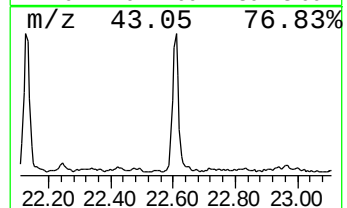
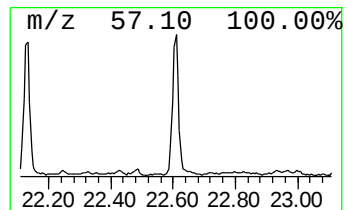
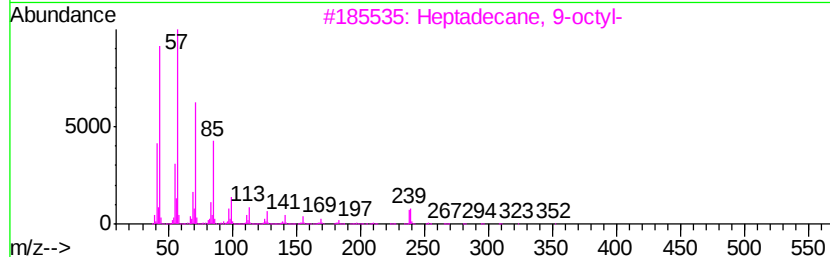
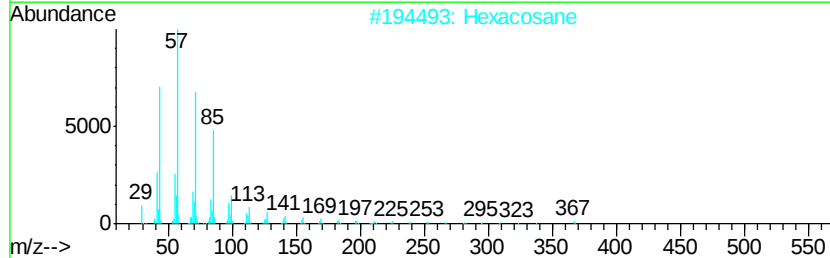
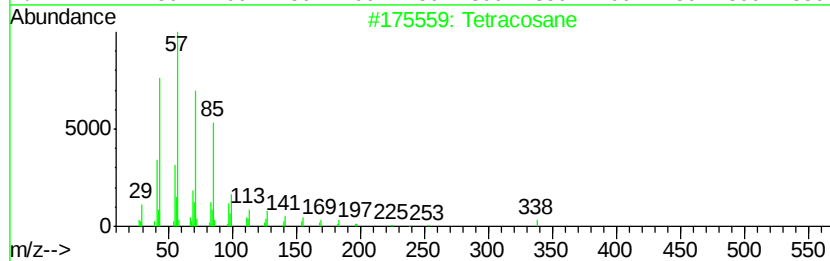
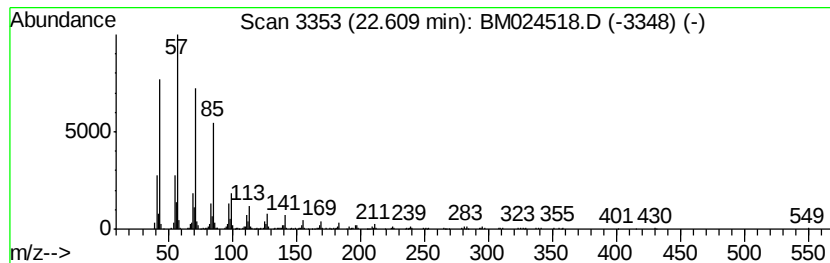
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	3.07 ng/ul	757108	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Hexacosane	366	C26H54	000630-01-3	93
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Octadecane	254	C18H38	000593-45-3	90
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024518.D
Acq On : 18 Jan 2020 04:42
Operator : JU
Sample : L1169-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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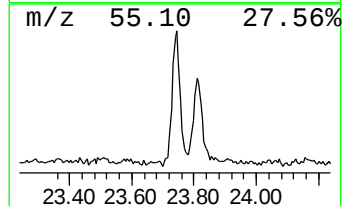
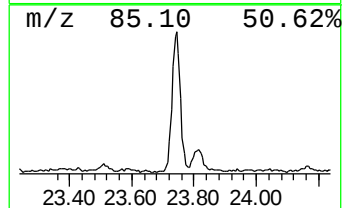
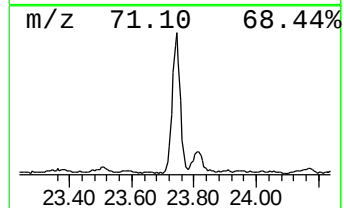
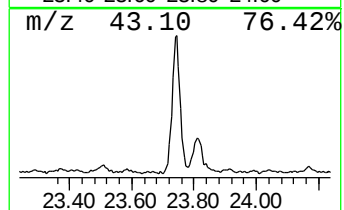
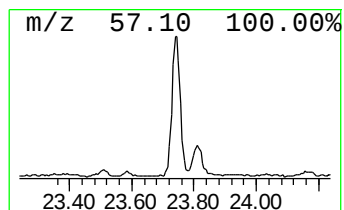
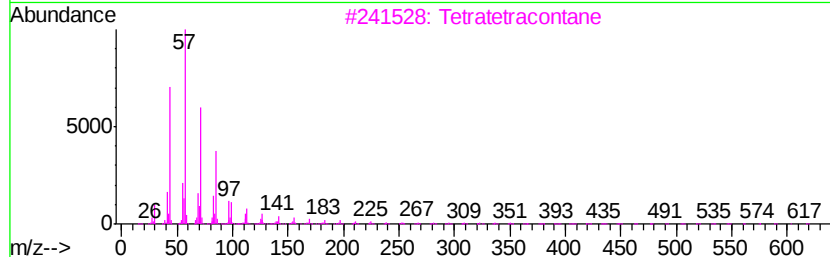
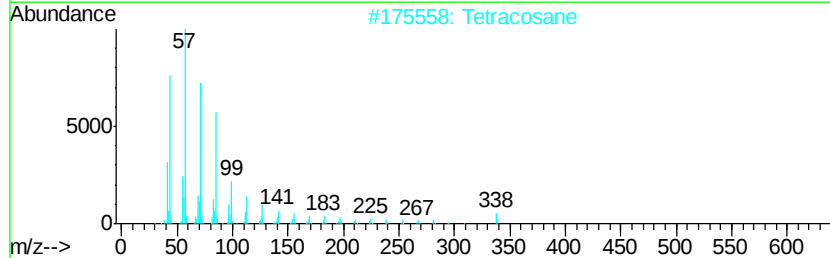
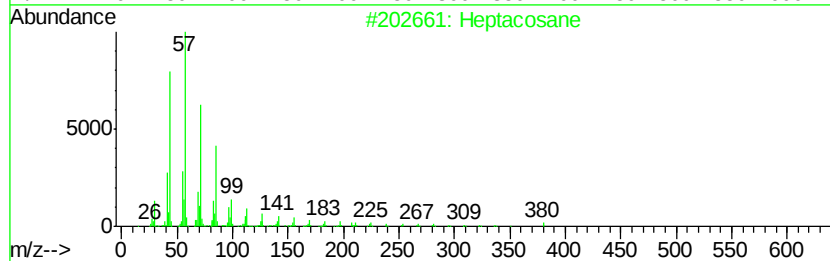
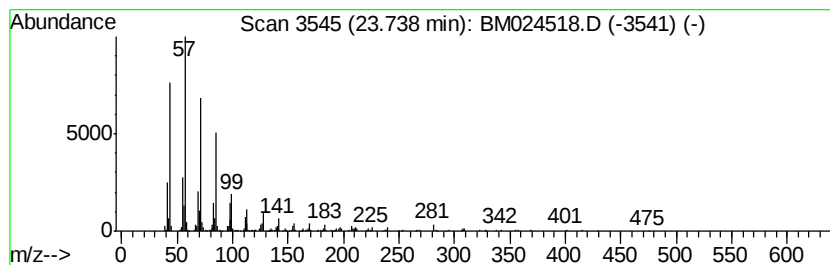
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.53 ng/ul	624097	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024518.D
Acq On : 18 Jan 2020 04:42
Operator : JU
Sample : L1169-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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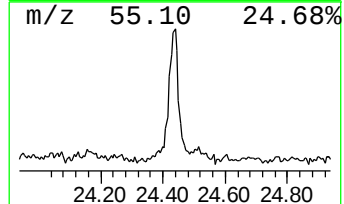
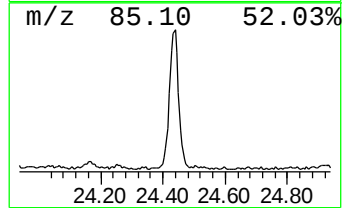
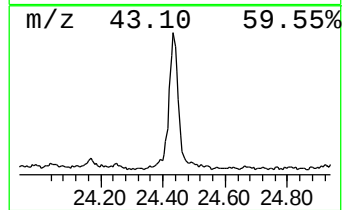
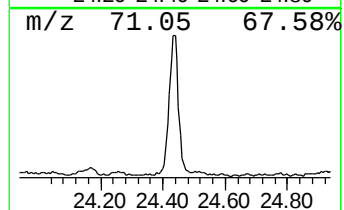
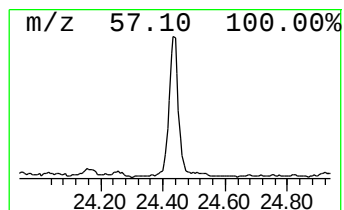
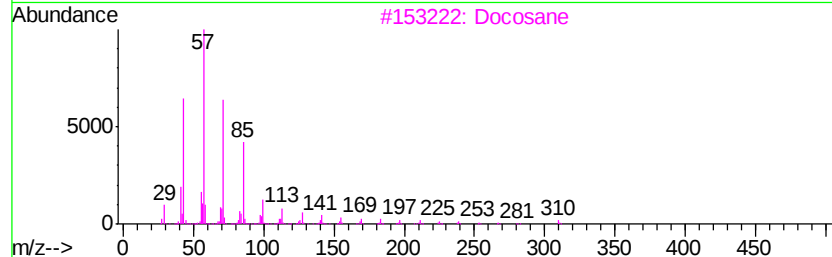
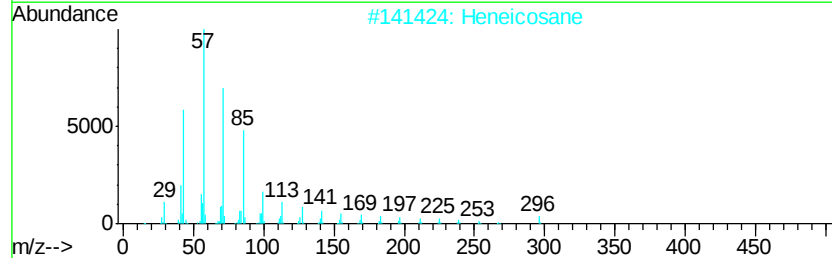
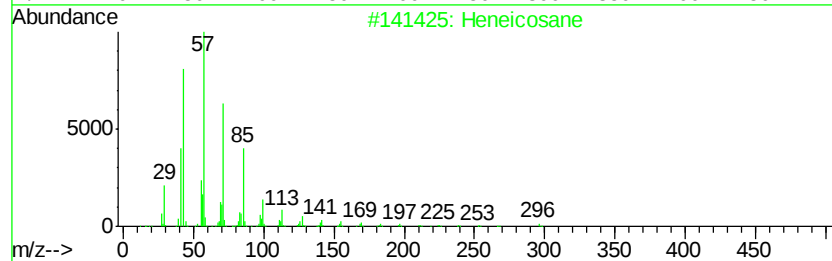
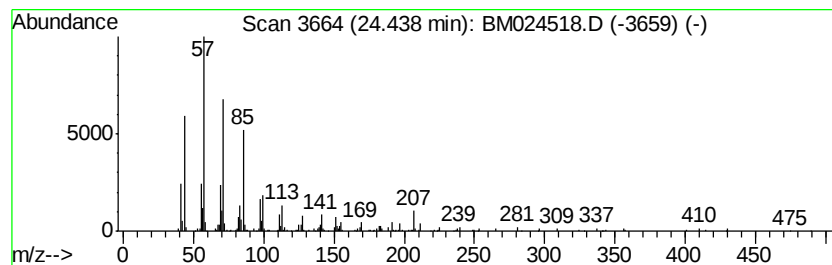
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.44	2.09 ng/ul	515181	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Docosane	310	C22H46	000629-97-0	87
4		Triacontane	422	C30H62	000638-68-6	87
5		Pentacosane	352	C25H52	000629-99-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\
Data File : BM024518.D
Acq On : 18 Jan 2020 04:42
Operator : JU
Sample : L1169-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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	17.79	2.7	ng/ul	514053	4	16.85	3846720	20.0
Pentafluoropropio...	20.82	5.3	ng/ul	1189680	5	21.06	4492040	20.0
(DEL) Alkane: Str...	21.69	2.5	ng/ul	553706	5	21.06	4492040	20.0
(DEL) Alkane: Str...	22.13	2.7	ng/ul	655762	6	23.17	4931480	20.0
Squalene	22.24	2.8	ng/ul	687728	6	23.17	4931480	20.0
(DEL) Alkane: Str...	22.61	3.1	ng/ul	757108	6	23.17	4931480	20.0
(DEL) Alkane: Str...	23.74	2.5	ng/ul	624097	6	23.17	4931480	20.0
(DEL) Alkane: Str...	24.44	2.1	ng/ul	515181	6	23.17	4931480	20.0