

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
 Data File : BM024589.D
 Acq On : 22 Jan 2020 19:33
 Operator : JU
 Sample : L1118-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASK4

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	3.058	25	29	40	rVB	37784	54213	0.96%	0.086%
2	3.681	130	135	138	rBV5	7148	11275	0.20%	0.018%
3	3.758	143	148	155	rVB5	10610	18264	0.32%	0.029%
4	6.640	632	638	651	rBV2	742520	1312241	23.32%	2.088%
5	6.799	659	665	674	rBV	538274	838615	14.90%	1.334%
6	6.993	691	698	707	rBV	796050	1255397	22.31%	1.997%
7	7.452	769	776	783	rBV	906179	1370207	24.35%	2.180%
8	7.540	788	791	798	rVB5	11783	17858	0.32%	0.028%
9	8.157	889	896	908	rBV	967280	1548046	27.51%	2.463%
10	8.257	911	913	921	rVB6	4091	6709	0.12%	0.011%
11	8.587	962	969	977	rBV	792767	1268685	22.55%	2.018%
12	9.087	1049	1054	1060	rVB3	13940	23440	0.42%	0.037%
13	9.304	1083	1091	1098	rBV	696705	1121931	19.94%	1.785%
14	9.840	1175	1182	1194	rBV	1090901	1761184	31.30%	2.802%
15	10.210	1237	1245	1252	rBV	1263739	2062672	36.66%	3.282%
16	10.345	1261	1268	1284	rBV	739113	1275699	22.67%	2.030%
17	11.810	1512	1517	1524	rVB2	18018	27915	0.50%	0.044%
18	13.028	1719	1724	1727	rBV2	6993	9836	0.17%	0.016%
19	13.345	1773	1778	1783	rVB5	5697	9046	0.16%	0.014%
20	13.522	1801	1808	1812	rBV	2036321	2705609	48.08%	4.305%
21	13.569	1812	1816	1827	rVB	326031	455195	8.09%	0.724%
22	13.786	1845	1853	1861	rBV	2297644	3382517	60.11%	5.382%
23	14.098	1899	1906	1916	rVB	2221790	3107863	55.23%	4.945%
24	14.310	1936	1942	1960	rBV	820463	1296076	23.03%	2.062%
25	14.951	2047	2051	2054	rBV3	6790	7833	0.14%	0.012%
26	15.010	2057	2061	2063	rBV5	6454	7313	0.13%	0.012%
27	15.098	2070	2076	2087	rBV	3066459	4224815	75.08%	6.722%
28	15.222	2091	2097	2108	rVV	819833	1108611	19.70%	1.764%
29	15.339	2113	2117	2125	rVB3	32433	49057	0.87%	0.078%
30	15.569	2150	2156	2158	rBV5	4946	7734	0.14%	0.012%
31	15.886	2204	2210	2217	rBV6	12617	28337	0.50%	0.045%
32	16.033	2231	2235	2239	rVB6	5250	9298	0.17%	0.015%
33	16.092	2242	2245	2248	rBV4	4209	6420	0.11%	0.010%
34	16.298	2275	2280	2283	rBV6	8316	12028	0.21%	0.019%

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35	16.539	2315	2321	2322	rBV3	4927	6114	0.11%	0.010%
36	16.639	2332	2338	2341	rBV3	9587	18363	0.33%	0.029%
37	16.663	2341	2342	2347	rVB4	7909	7535	0.13%	0.012%
38	16.851	2367	2374	2384	rBV	2745993	3907307	69.44%	6.217%
39	16.945	2384	2390	2404	rVV	3306247	4659982	82.81%	7.414%
40	17.069	2408	2411	2413	rVB4	6176	6151	0.11%	0.010%
41	17.274	2442	2446	2452	rVB7	8065	11718	0.21%	0.019%
42	17.398	2464	2467	2470	rBV4	7179	8454	0.15%	0.013%
43	17.545	2490	2492	2498	rVB7	6882	7371	0.13%	0.012%
44	17.786	2528	2533	2541	rVV	304843	460858	8.19%	0.733%
45	17.845	2541	2543	2550	rVV4	24996	47077	0.84%	0.075%
46	17.910	2552	2554	2559	rVB6	10022	15276	0.27%	0.024%
47	18.092	2580	2585	2589	rBV7	7303	13389	0.24%	0.021%
48	18.468	2645	2649	2651	rBV3	7564	8908	0.16%	0.014%
49	18.657	2678	2681	2686	rBV7	8077	11004	0.20%	0.018%
50	18.739	2692	2695	2698	rBV5	5594	10159	0.18%	0.016%
51	18.886	2715	2720	2724	rBV	42303	58958	1.05%	0.094%
52	18.957	2728	2732	2736	rVV7	9583	16484	0.29%	0.026%
53	19.080	2749	2753	2759	rBV	97296	138727	2.47%	0.221%
54	19.139	2759	2763	2767	rVB	32169	47191	0.84%	0.075%
55	19.251	2776	2782	2792	rBV	4342940	5627178	100.00%	8.953%
56	19.821	2876	2879	2884	rBV5	30504	41352	0.73%	0.066%
57	20.462	2986	2988	2991	rVB3	22169	21810	0.39%	0.035%
58	20.815	3043	3048	3058	rBV	1329477	1688843	30.01%	2.687%
59	21.057	3084	3089	3098	rBV	3534498	4270982	75.90%	6.795%
60	21.262	3121	3124	3130	rBV2	136349	159121	2.83%	0.253%
61	21.686	3192	3196	3202	rBV2	232815	338819	6.02%	0.539%
62	22.127	3267	3271	3274	rBV	271144	334588	5.95%	0.532%
63	22.603	3348	3352	3356	rBV	354542	460022	8.18%	0.732%
64	23.039	3420	3426	3436	rVB	2510994	4246490	75.46%	6.756%
65	23.133	3438	3442	3444	rVV	379508	574433	10.21%	0.914%
66	23.174	3444	3449	3459	rVB	2112910	3603055	64.03%	5.732%
67	23.733	3540	3544	3550	rVB	347090	582946	10.36%	0.927%
68	23.803	3552	3556	3564	rVB2	264086	499936	8.88%	0.795%
69	24.427	3657	3662	3670	rVB3	258837	540980	9.61%	0.861%

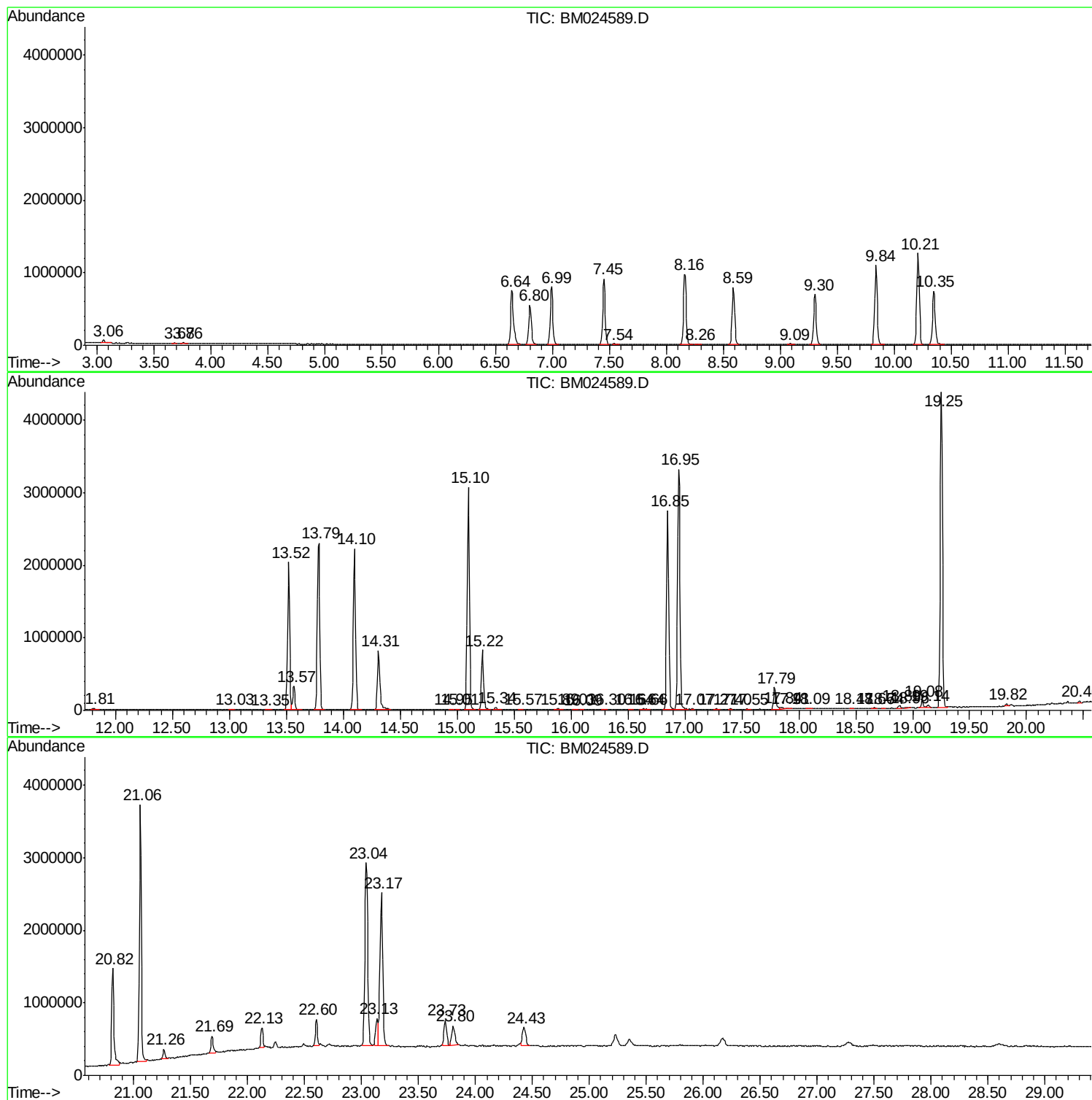
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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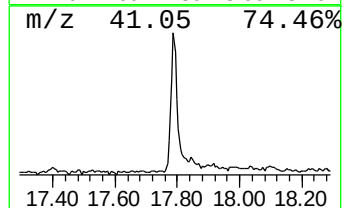
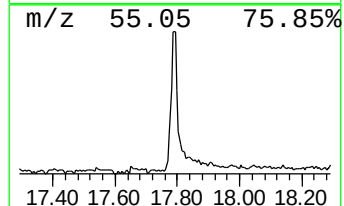
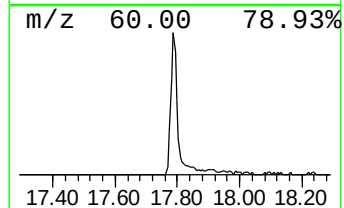
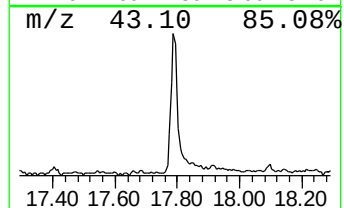
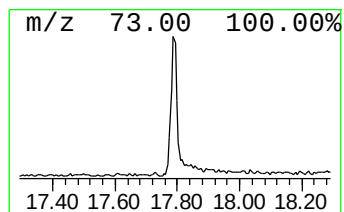
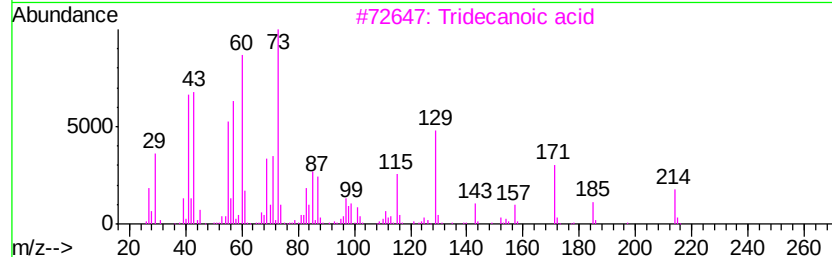
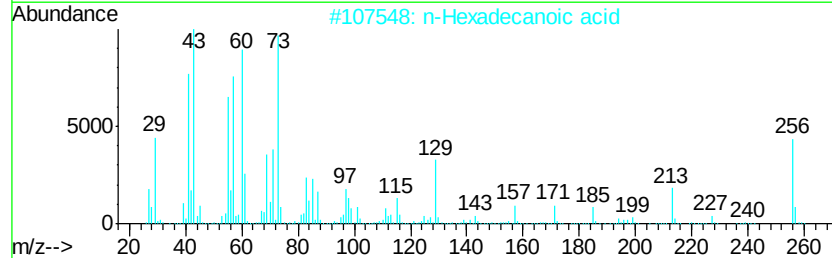
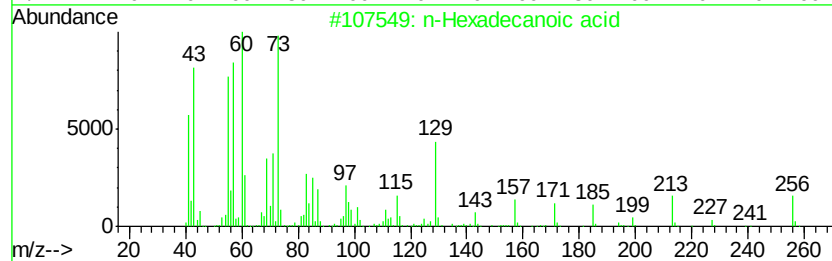
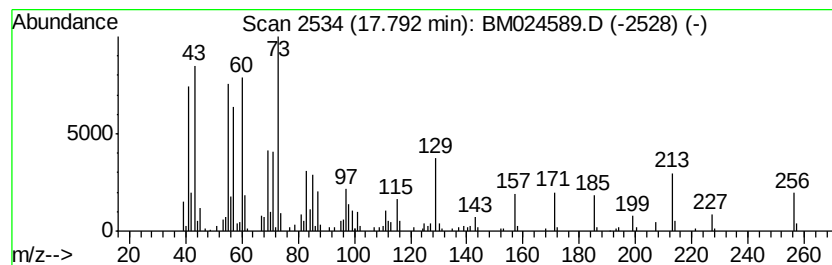
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.36 ng/ul	460858	Phenanthrene-d10	16.85

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		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	95
5		Tridecanoic acid	214	C13H26O2	000638-53-9	91



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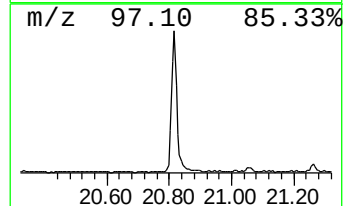
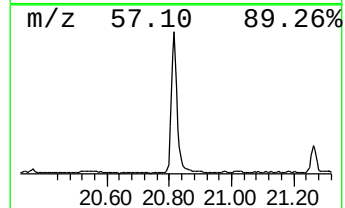
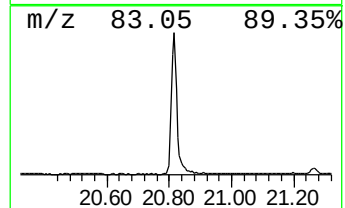
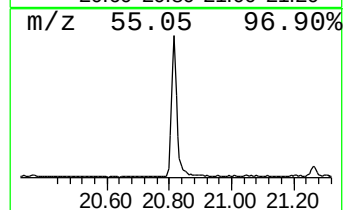
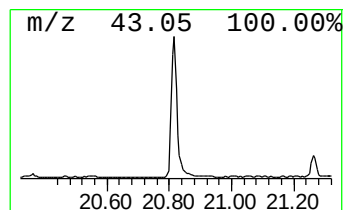
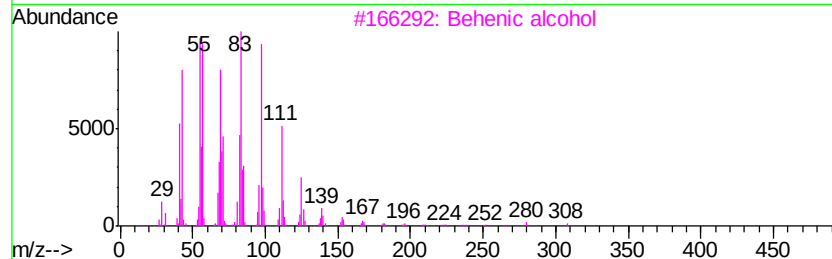
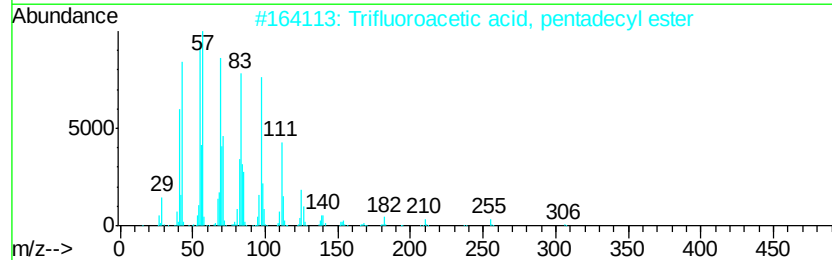
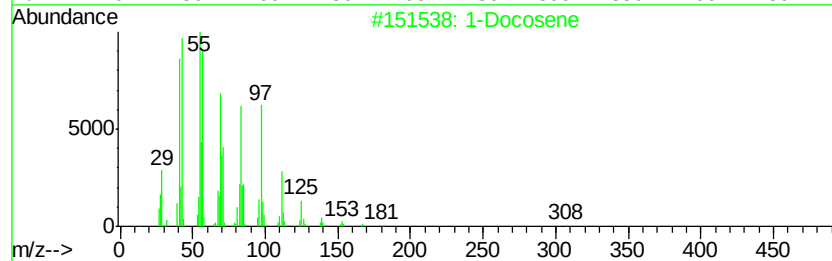
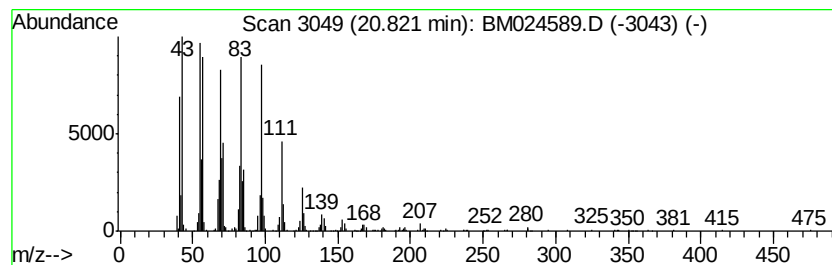
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	7.91 ng/ul	1688840	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	99
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



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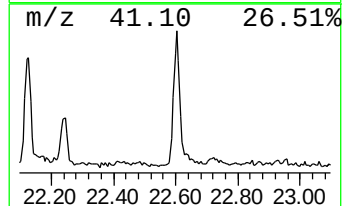
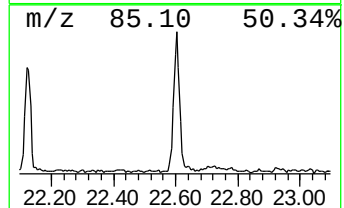
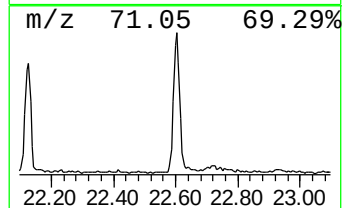
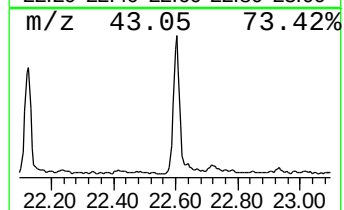
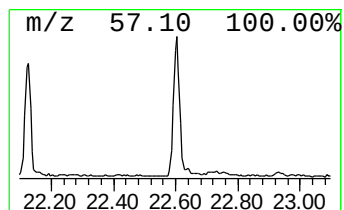
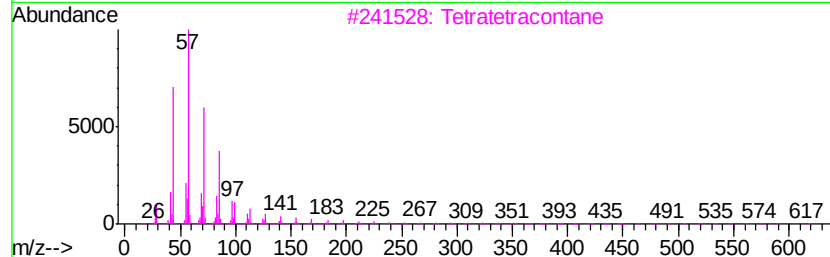
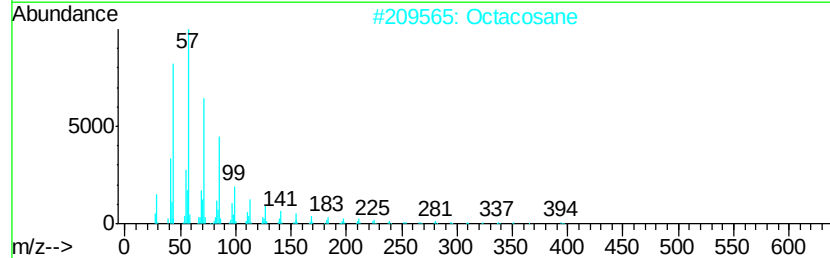
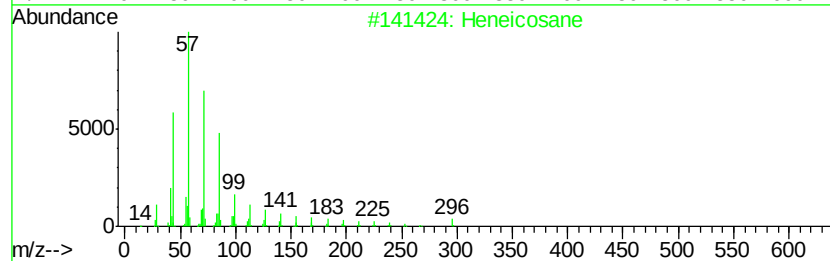
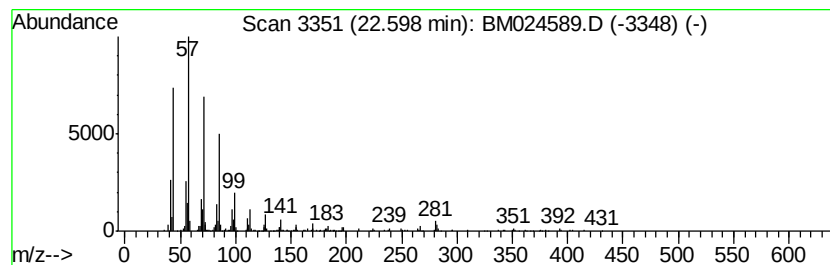
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.55 ng/ul	460022	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Octacosane	394	C28H58	000630-02-4	95
3		Tetratetracontane	619	C44H90	007098-22-8	93
4		Eicosane	282	C20H42	000112-95-8	93
5		Eicosane	282	C20H42	000112-95-8	91



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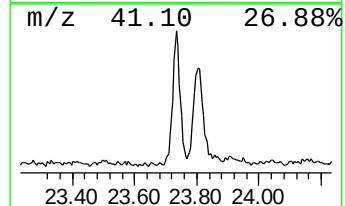
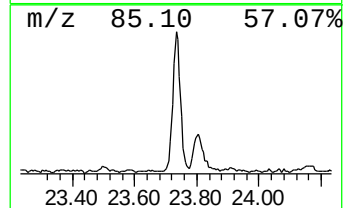
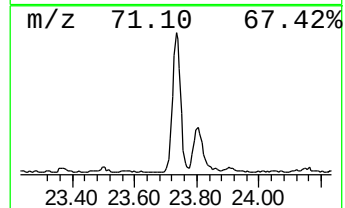
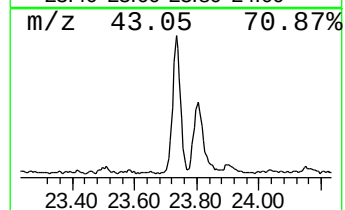
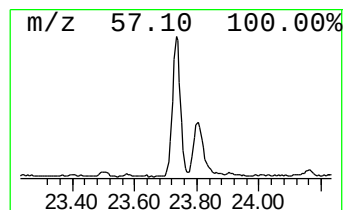
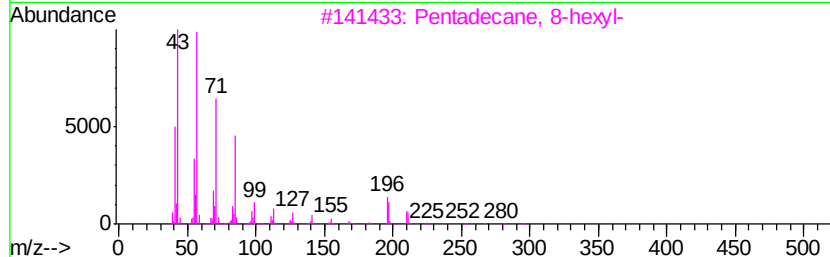
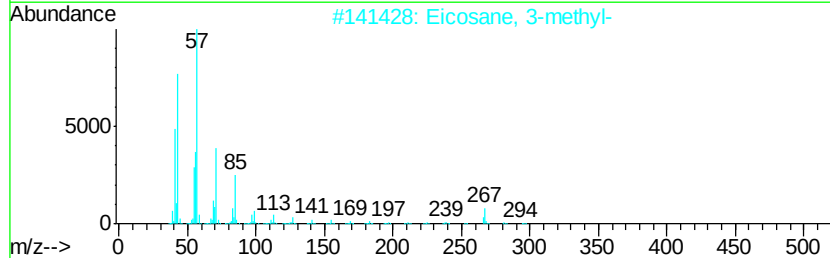
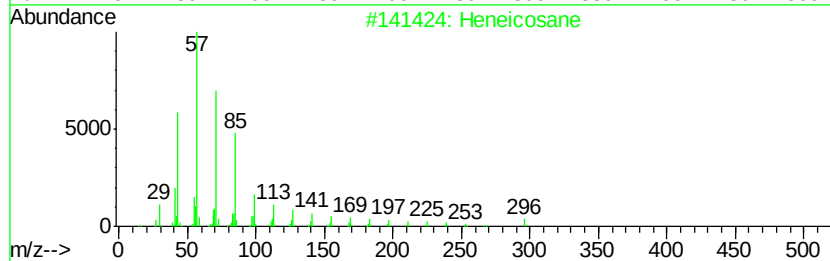
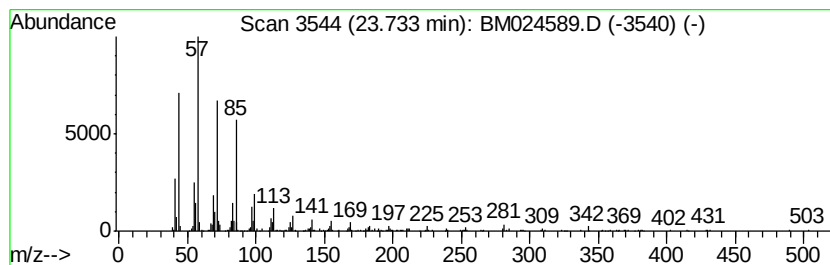
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	3.24 ng/ul	582946	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Eicosane, 3-methyl-	296	C21H44	006418-46-8	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5		triacontane	422	C30H62	000638-68-6	90



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GASK4

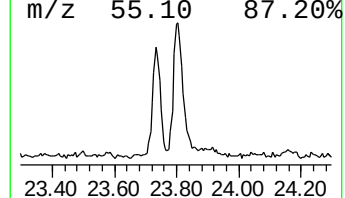
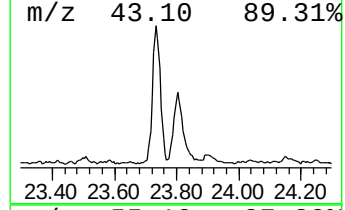
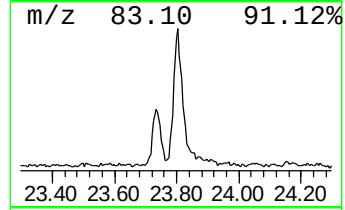
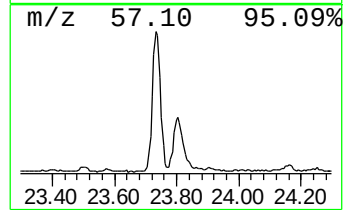
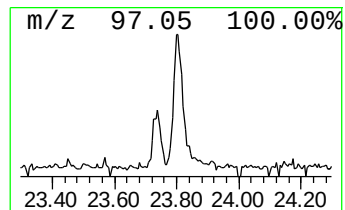
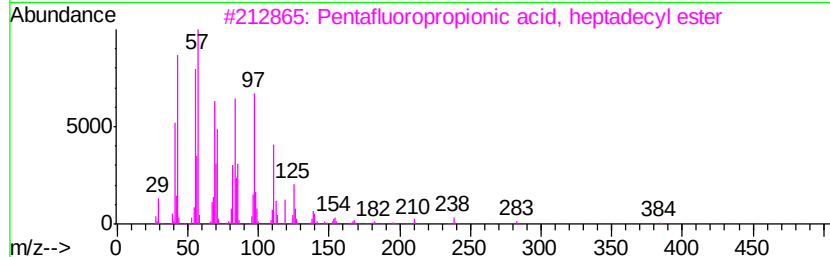
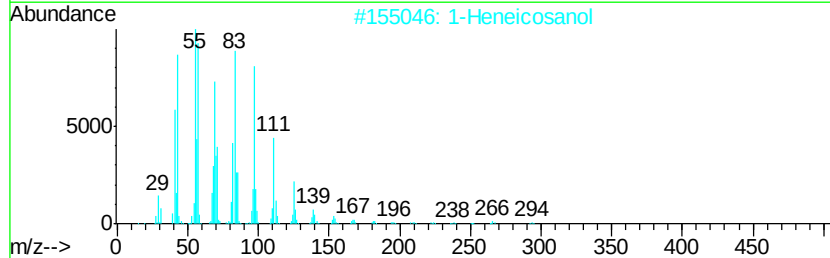
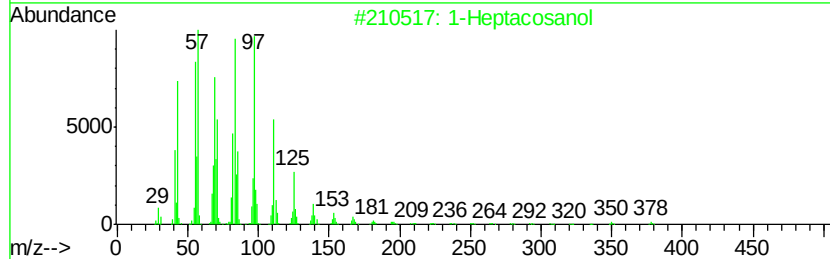
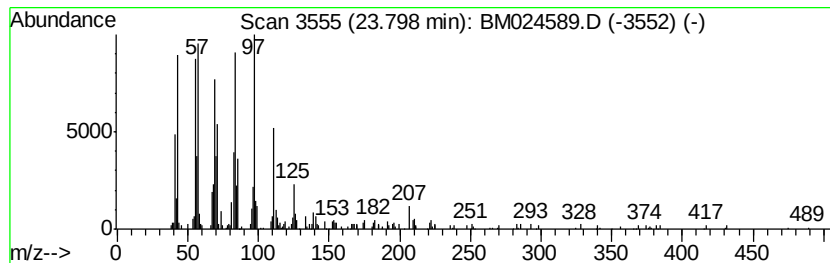
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.78 ng/ul	499936	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4		Octacosanol	410	C28H58O	000557-61-9	90
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024589.D
Acq On : 22 Jan 2020 19:33
Operator : JU
Sample : L1118-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

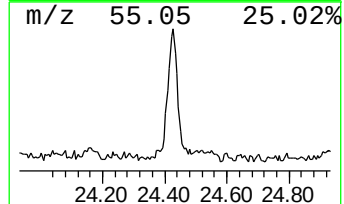
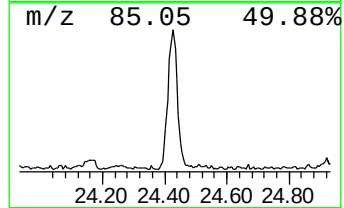
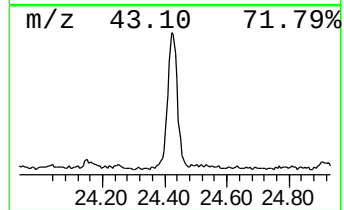
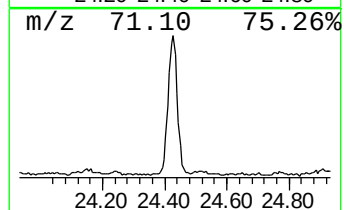
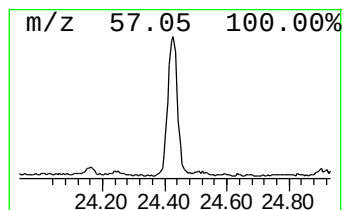
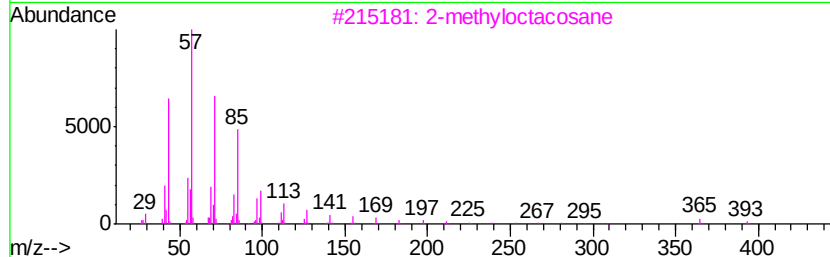
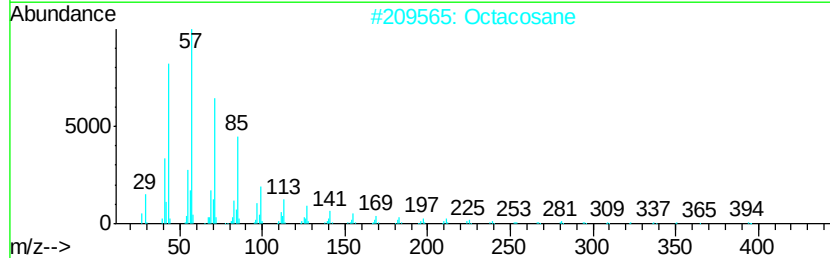
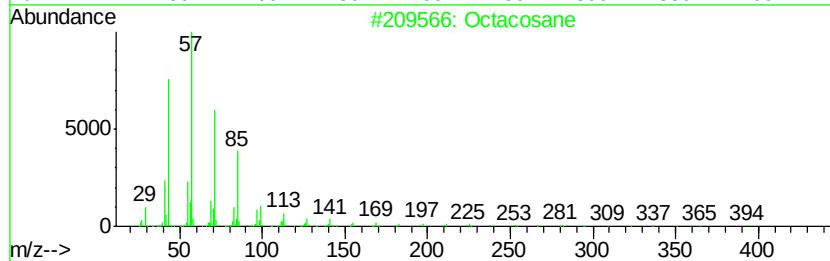
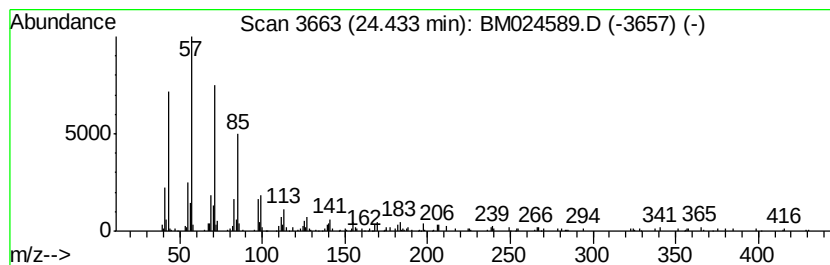
Instrument :
BNA_M
ClientSampleId :
GASK4

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.43	3.00 ng/ul	540980	Perylene-d12	23.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	2-methylhexacosane	380	C27H56	1000376-72-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012220\
Data File : BM024589.D
Acq On : 22 Jan 2020 19:33
Operator : JU
Sample : L1118-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASK4

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	2.4	ng/ul	460858	4	16.85	3907310	20.0
(DEL) Alkane: Cyc...	20.82	7.9	ng/ul	1688840	5	21.06	4270980	20.0
(DEL) Alkane: Str...	22.60	2.5	ng/ul	460022	6	23.17	3603060	20.0
(DEL) Alkane: Str...	23.73	3.2	ng/ul	582946	6	23.17	3603060	20.0
1-Heptacosanol	23.80	2.8	ng/ul	499936	6	23.17	3603060	20.0
(DEL) Alkane: Str...	24.43	3.0	ng/ul	540980	6	23.17	3603060	20.0