

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM024992.D
 Acq On : 21 Feb 2020 18:22
 Operator : CG/JU
 Sample : L1582-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ5

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-BM020620MA.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	2.940	7	9	16	rVB2	36351	47409	0.96%	0.120%
2	3.640	126	128	133	rVB2	8910	7543	0.15%	0.019%
3	6.546	617	622	636	rBV2	74806	186473	3.78%	0.472%
4	6.693	642	647	661	rBV	395252	647997	13.12%	1.639%
5	6.881	673	679	695	rVB	404701	679831	13.76%	1.719%
6	7.087	709	714	719	rVB4	15319	22639	0.46%	0.057%
7	7.340	750	757	769	rBV	408834	640387	12.97%	1.619%
8	7.451	771	776	782	rVB6	12252	26177	0.53%	0.066%
9	8.063	873	880	893	rBV	264059	515137	10.43%	1.303%
10	8.481	944	951	963	rBV	448458	783489	15.86%	1.981%
11	8.651	974	980	986	rBV3	21699	43833	0.89%	0.111%
12	8.969	1029	1034	1040	rBV2	13750	19924	0.40%	0.050%
13	9.192	1065	1072	1086	rBV	375851	650548	13.17%	1.645%
14	9.734	1157	1164	1184	rBV	512680	1053319	21.33%	2.664%
15	10.092	1218	1225	1237	rBV	536142	889206	18.00%	2.249%
16	10.257	1247	1253	1263	rBV3	17103	46084	0.93%	0.117%
17	10.751	1330	1337	1342	rBV	31967	64857	1.31%	0.164%
18	10.804	1342	1346	1353	rVB4	20619	37082	0.75%	0.094%
19	11.704	1494	1499	1505	rBV3	5142	9892	0.20%	0.025%
20	12.363	1604	1611	1617	rBV5	3605	6404	0.13%	0.016%
21	12.922	1698	1706	1718	rBV	419591	682964	13.83%	1.727%
22	13.422	1785	1791	1796	rBV	1330663	1869203	37.84%	4.727%
23	13.469	1796	1799	1810	rVV	105070	179265	3.63%	0.453%
24	13.557	1813	1814	1818	rVB2	6376	5762	0.12%	0.015%
25	13.680	1829	1835	1848	rBV	1546391	2260282	45.76%	5.716%
26	13.886	1867	1870	1872	rBV3	4677	6098	0.12%	0.015%
27	13.998	1882	1889	1901	rBV	839540	1289758	26.11%	3.261%
28	14.239	1923	1930	1946	rBV3	65529	168557	3.41%	0.426%
29	14.686	2002	2006	2009	rVB4	4479	5026	0.10%	0.013%
30	14.851	2031	2034	2039	rBV4	4816	5256	0.11%	0.013%
31	14.910	2039	2044	2050	rVB5	4065	6369	0.13%	0.016%
32	14.998	2053	2059	2076	rBV	2014575	2983065	60.40%	7.543%
33	15.133	2077	2082	2096	rVV	466408	772420	15.64%	1.953%
34	15.245	2097	2101	2108	rVB2	22939	34163	0.69%	0.086%

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35	15.474	2135	2140	2144	rBV5	4820	9673	0.20%	0.024%
36	15.792	2188	2194	2200	rVB9	10411	21054	0.43%	0.053%
37	15.868	2204	2207	2211	rVV	7778	10550	0.21%	0.027%
38	15.945	2211	2220	2224	rVV6	8952	23455	0.47%	0.059%
39	15.992	2224	2228	2233	rVV4	6948	13897	0.28%	0.035%
40	16.039	2233	2236	2238	rVB3	6468	7003	0.14%	0.018%
41	16.104	2244	2247	2250	rBV4	3597	5213	0.11%	0.013%
42	16.198	2258	2263	2268	rBV5	11065	22611	0.46%	0.057%
43	16.257	2270	2273	2277	rVV2	7851	10059	0.20%	0.025%
44	16.333	2281	2286	2291	rVB4	7292	13642	0.28%	0.034%
45	16.751	2351	2357	2367	rBV	1152372	1566613	31.72%	3.962%
46	16.851	2367	2374	2396	rVB	2370857	3390115	68.64%	8.573%
47	17.080	2410	2413	2417	rVB4	5017	5348	0.11%	0.014%
48	17.192	2426	2432	2440	rBV7	25526	45284	0.92%	0.115%
49	17.310	2449	2452	2458	rBV6	4025	5933	0.12%	0.015%
50	17.480	2474	2481	2484	rBV5	7616	16459	0.33%	0.042%
51	17.698	2513	2518	2533	rBV2	142852	295958	5.99%	0.748%
52	17.980	2563	2566	2567	rBV2	6810	6161	0.12%	0.016%
53	17.998	2567	2569	2572	rVB4	10668	11658	0.24%	0.029%
54	18.127	2590	2591	2596	rBV4	4831	5070	0.10%	0.013%
55	18.257	2611	2613	2616	rVB4	7796	6981	0.14%	0.018%
56	18.574	2662	2667	2671	rBV3	42019	63402	1.28%	0.160%
57	18.651	2676	2680	2687	rVB6	26040	41393	0.84%	0.105%
58	18.798	2700	2705	2709	rBV2	25712	40864	0.83%	0.103%
59	18.845	2710	2713	2715	rBV3	12882	16130	0.33%	0.041%
60	18.998	2735	2739	2744	rBV	107626	174644	3.54%	0.442%
61	19.156	2760	2766	2776	rBV	3283209	4359191	88.26%	11.023%
62	19.233	2776	2779	2782	rVB	44555	49332	1.00%	0.125%
63	19.774	2868	2871	2874	rBV2	44897	43825	0.89%	0.111%
64	20.274	2953	2956	2960	rBV	68407	73508	1.49%	0.186%
65	20.733	3030	3034	3039	rBV2	217530	334832	6.78%	0.847%
66	20.968	3069	3074	3085	rBV	1460454	2076954	42.05%	5.252%
67	21.180	3106	3110	3115	rBV	218148	235827	4.77%	0.596%
68	21.592	3177	3180	3185	rBV	295177	345350	6.99%	0.873%
69	22.027	3250	3254	3258	rVB	412168	462640	9.37%	1.170%
70	22.492	3329	3333	3337	rVB	460191	545396	11.04%	1.379%
71	22.915	3399	3405	3415	rBV	2872799	4939228	100.00%	12.490%

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72	23.003	3416	3420	3423	rVV	438307	736188	14.90%	1.862%
73	23.044	3423	3427	3439	rVB	1311131	2317492	46.92%	5.860%
74	23.586	3515	3519	3526	rVB	319489	550123	11.14%	1.391%

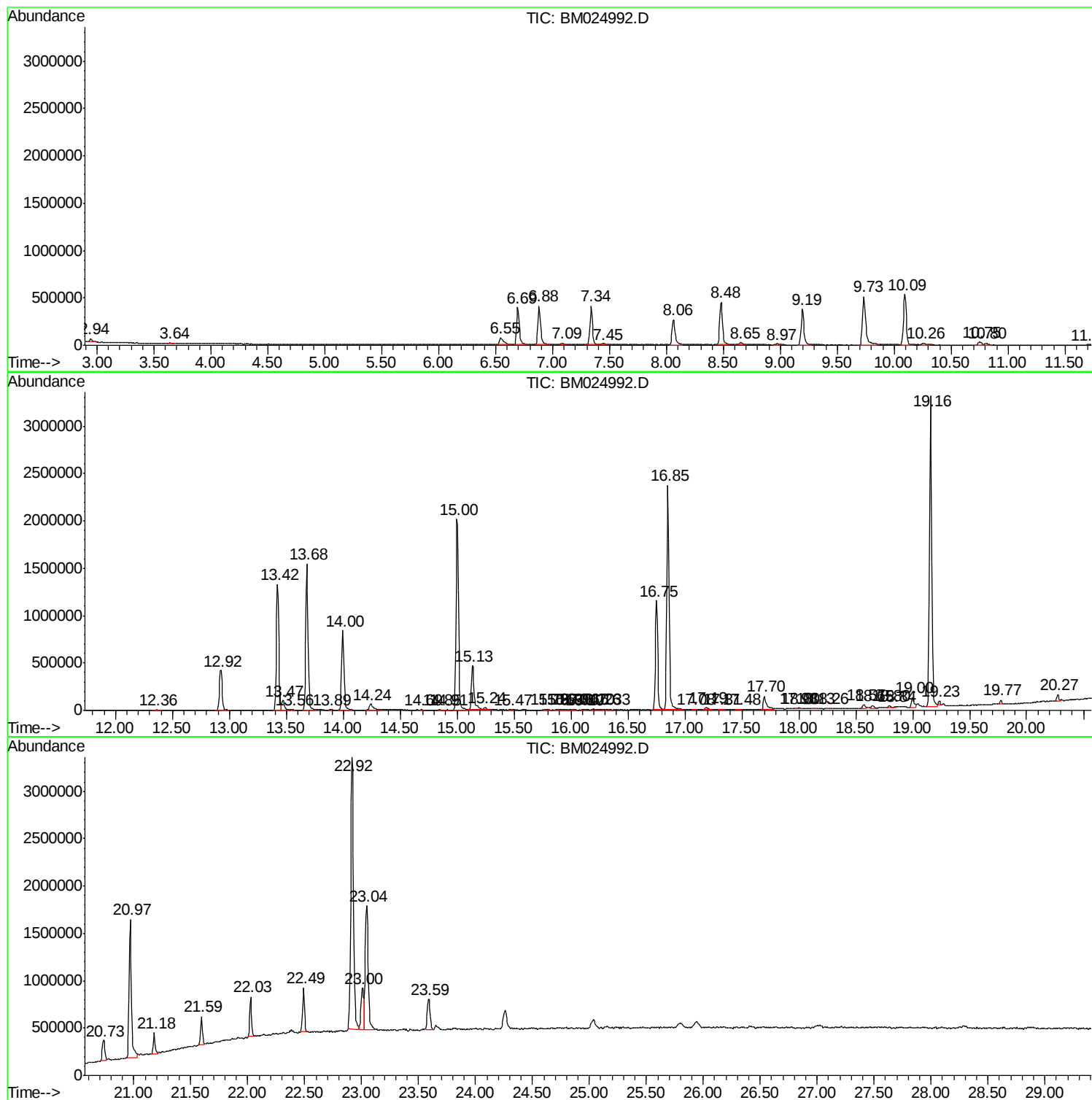
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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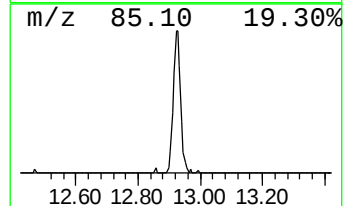
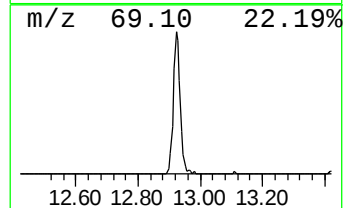
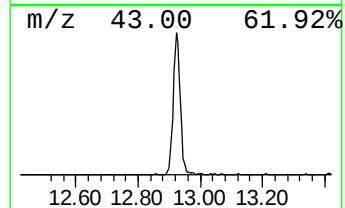
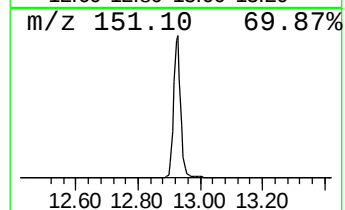
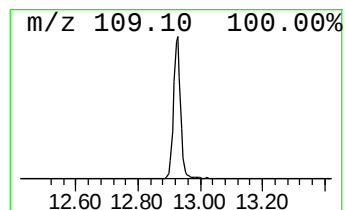
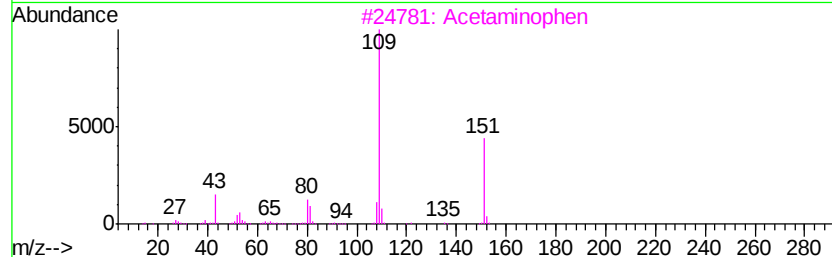
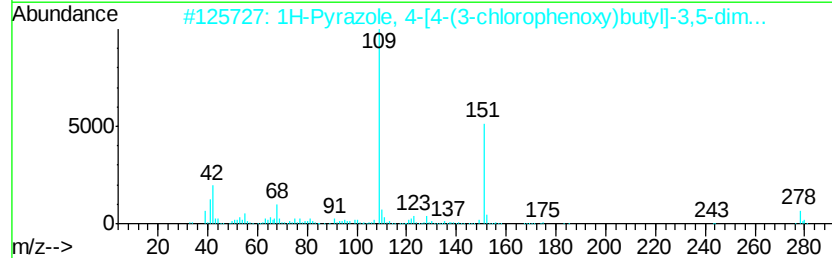
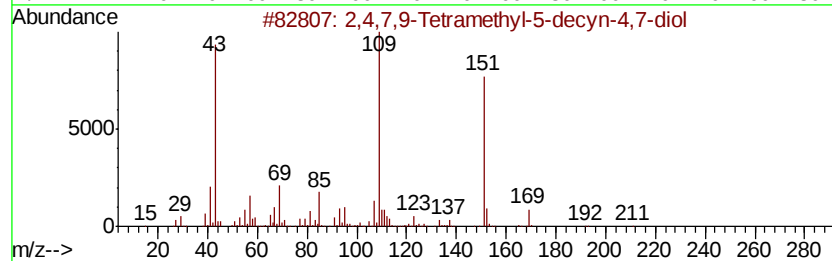
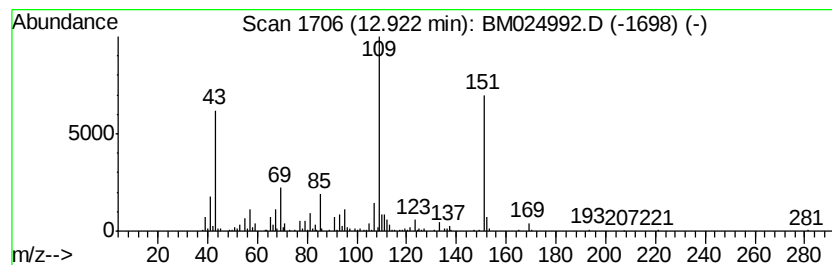
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	10.59 ng/ul	682964	Acenaphthene-d10	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226 C14H26O2	000126-86-3	91
2	1H-Pyrazole, 4-[4-(3-chloropheno...	278 C15H19ClN2O	1000302-33-9	53
3	Acetaminophen	151 C8H9NO2	000103-90-2	50
4	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226 C14H26O2	000126-86-3	43
5	N-Cyclopropyl-p-fluorobenzylamine	165 C10H12FN	1000250-88-9	43



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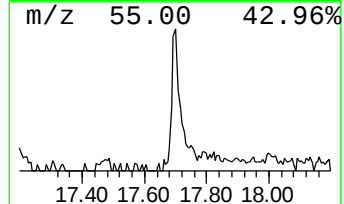
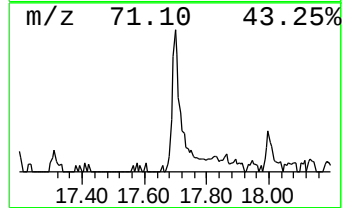
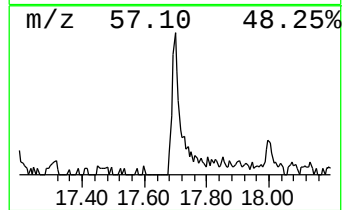
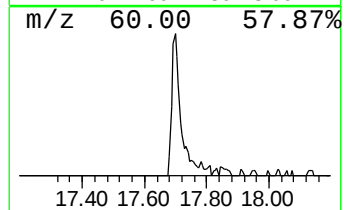
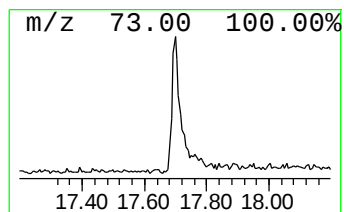
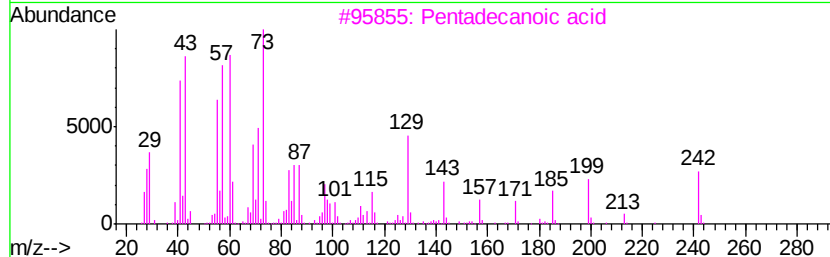
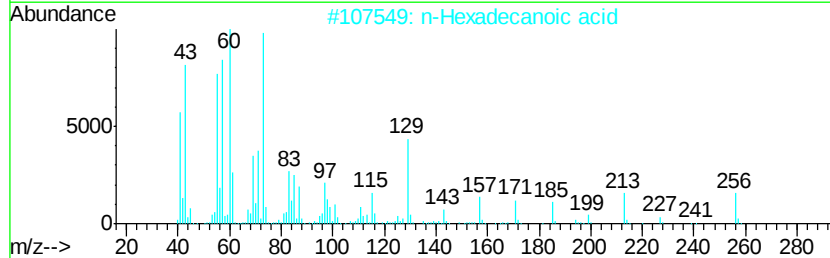
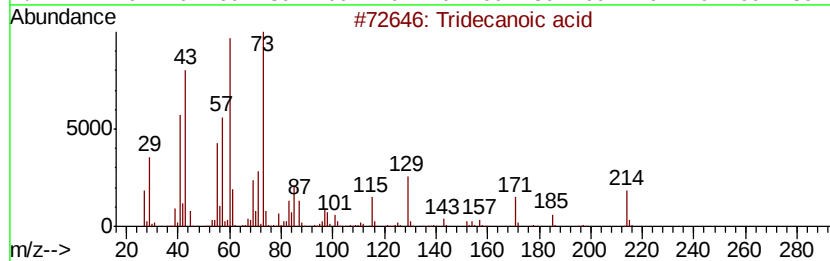
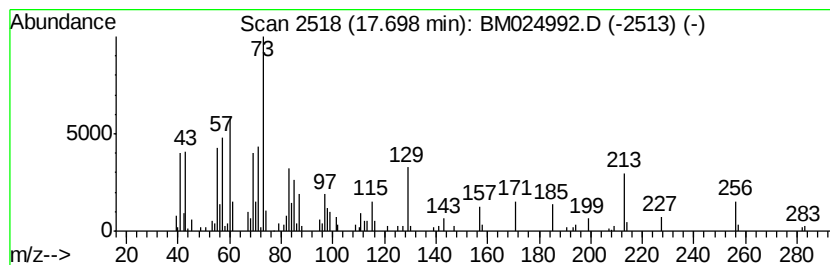
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.70	3.78 ng/ul	295958	Phenanthrene-d10		16.75	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	86
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	53
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47



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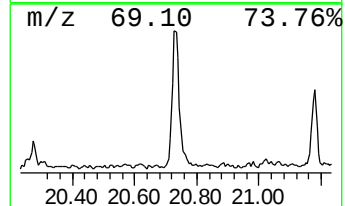
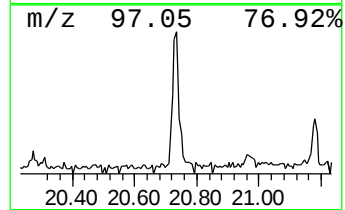
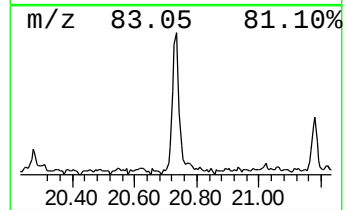
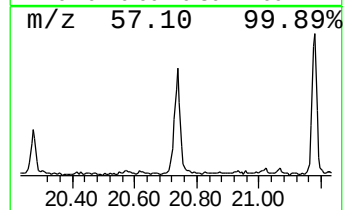
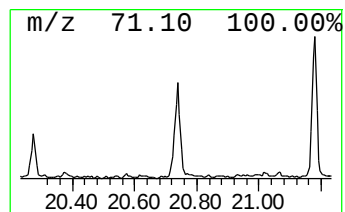
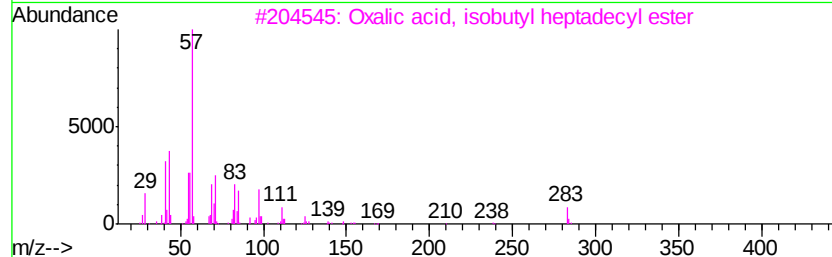
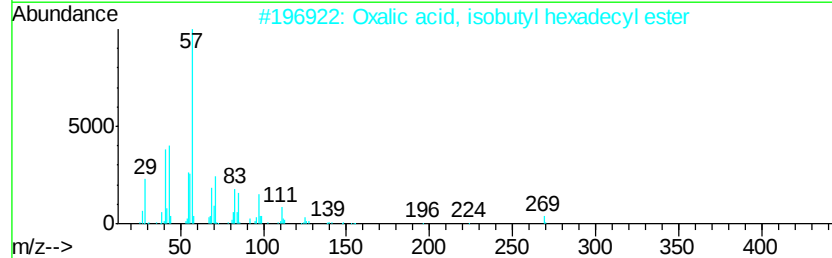
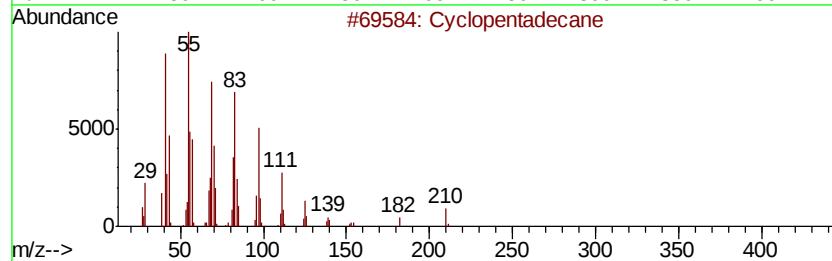
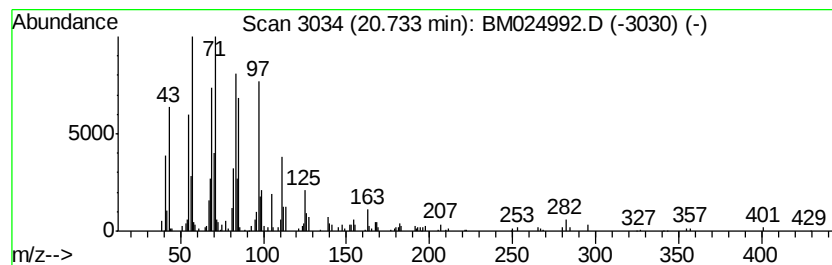
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.22 ng/ul	334832	Chrysene-d12	20.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	93
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	74
4		Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	74
5		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	74



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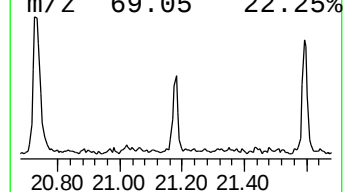
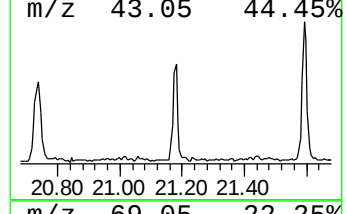
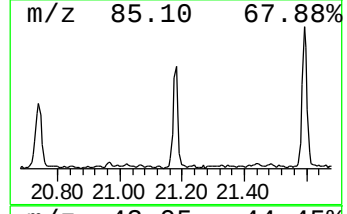
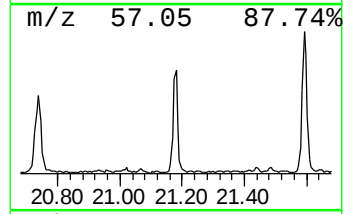
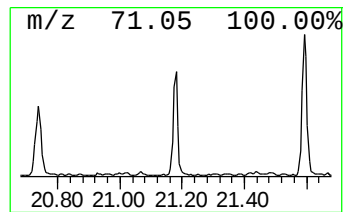
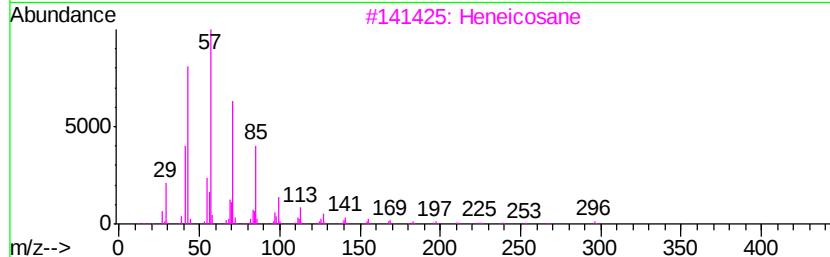
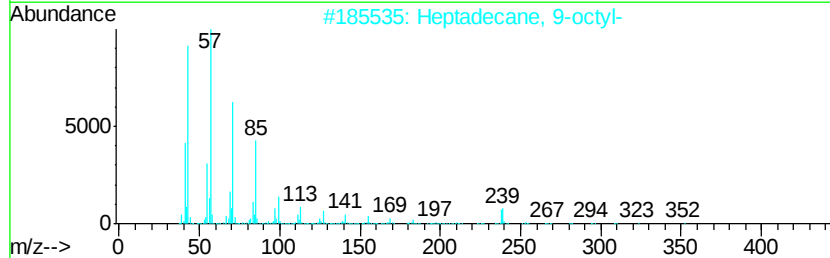
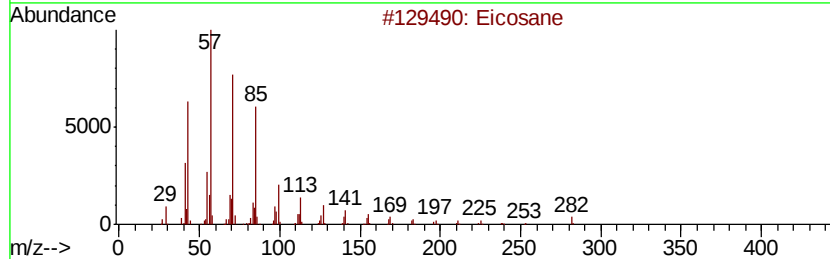
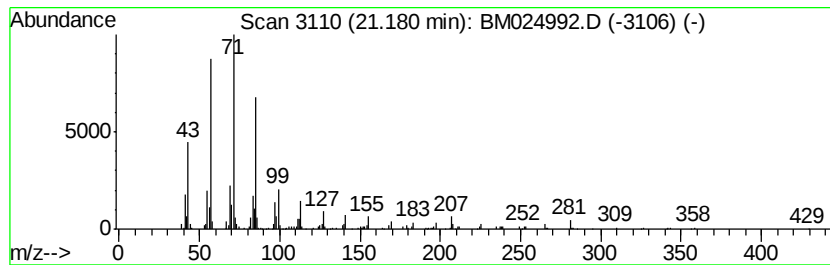
Instrument :
BNA_M
ClientSampleId :
DBDJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	2.27 ng/ul	235827	Chrysene-d12	20.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	83
3	Heneicosane	296 C21H44	000629-94-7	83
4	Hexacosane	366 C26H54	000630-01-3	83
5	Hentriacontane	437 C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024992.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1582-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

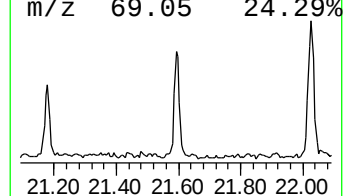
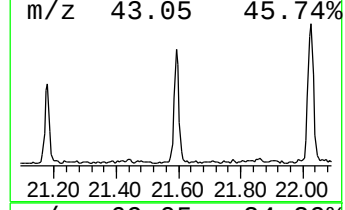
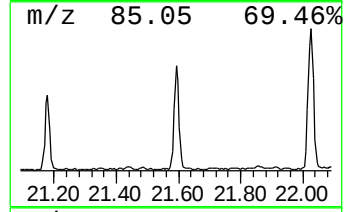
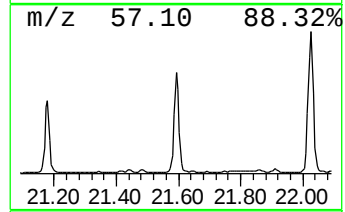
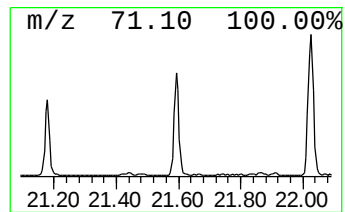
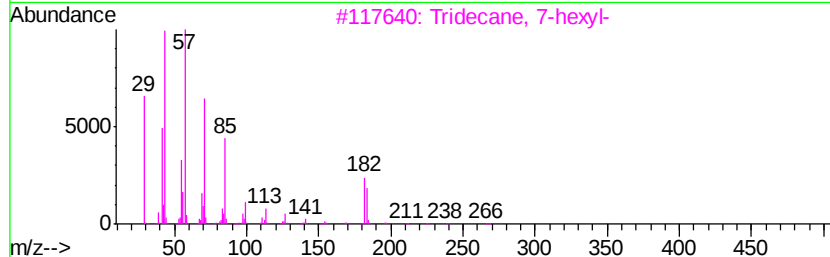
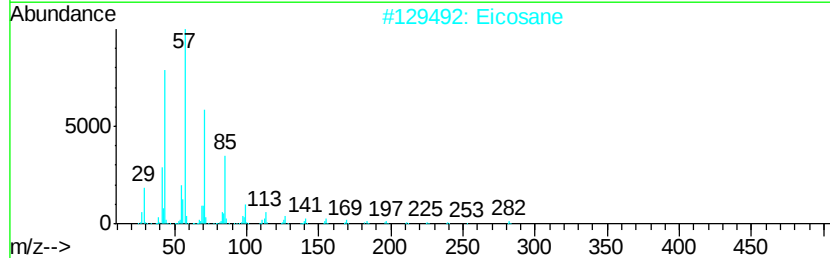
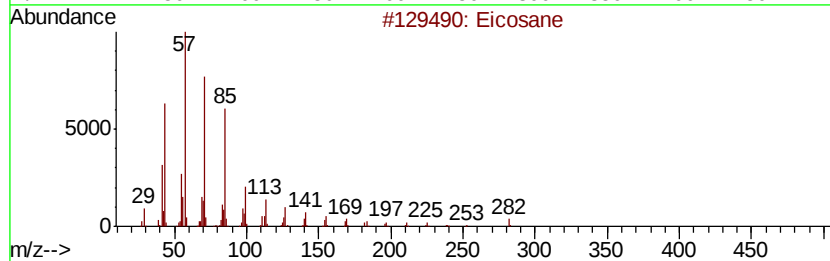
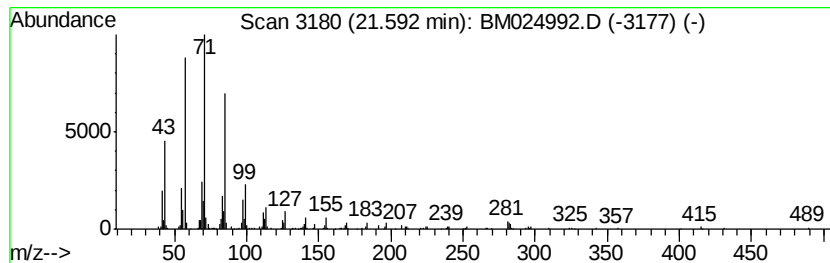
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.59	3.33 ng/ul	345350	Chrysene-d12	20.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024992.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1582-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ5

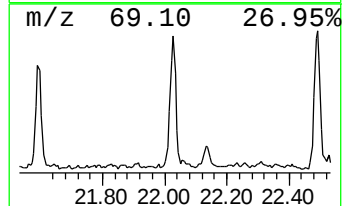
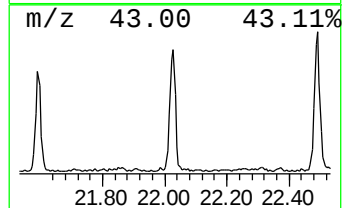
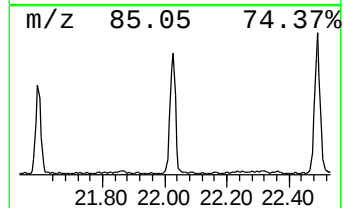
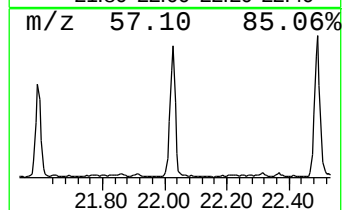
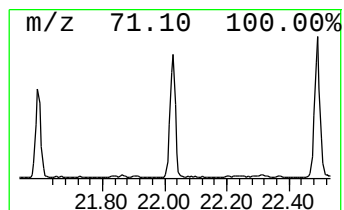
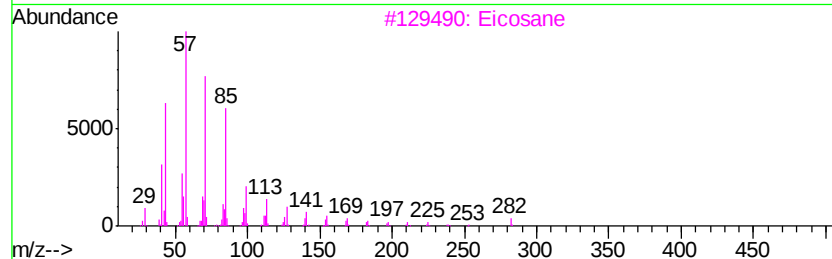
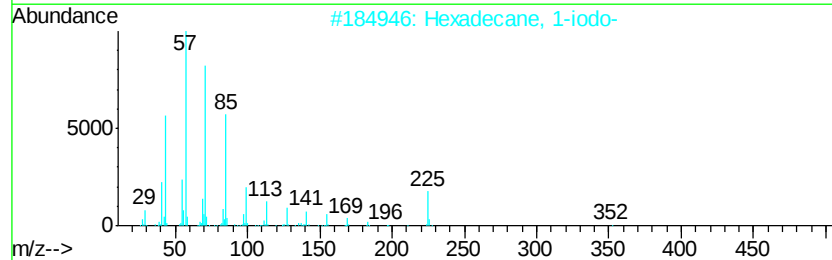
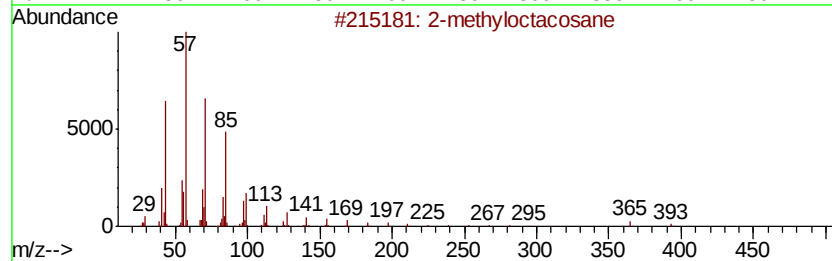
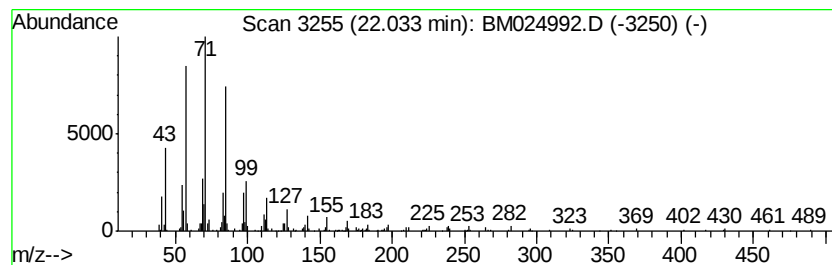
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	3.99 ng/ul	462640	Perylene-d12	23.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
3		Eicosane	282	C20H42	000112-95-8	86
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
5		Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024992.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1582-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ5

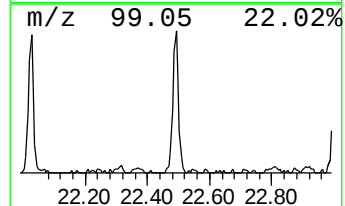
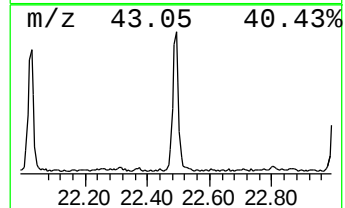
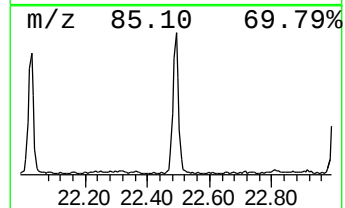
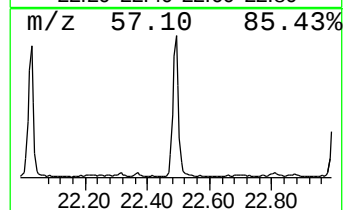
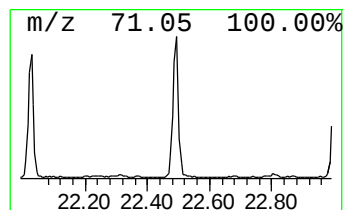
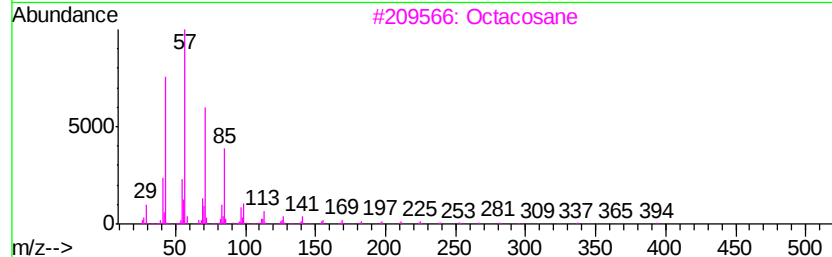
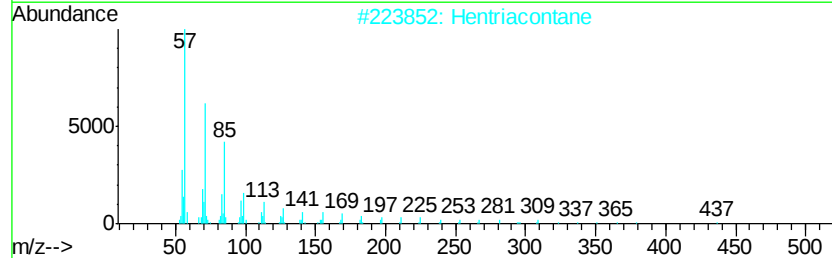
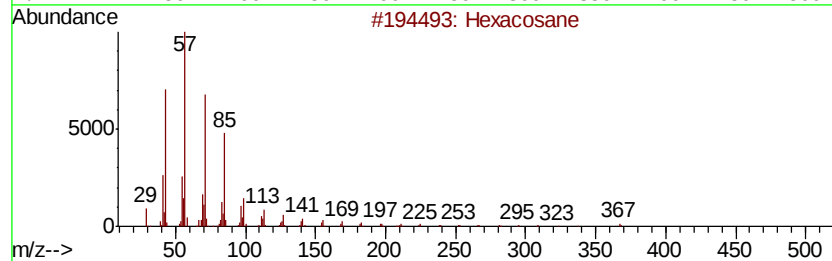
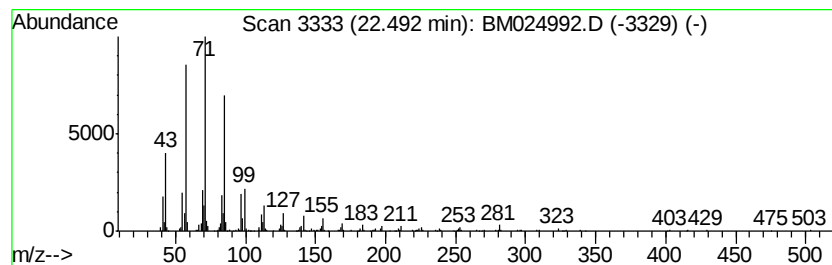
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	4.71 ng/ul	545396	Perylene-d12	23.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Octacosane	394	C28H58	000630-02-4	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024992.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1582-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ5

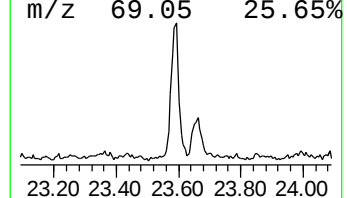
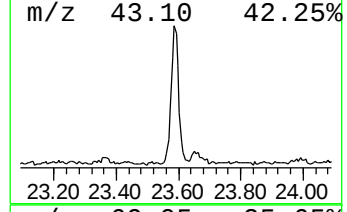
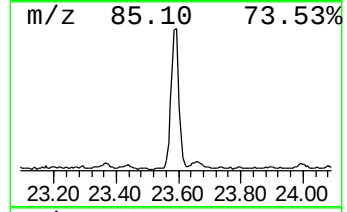
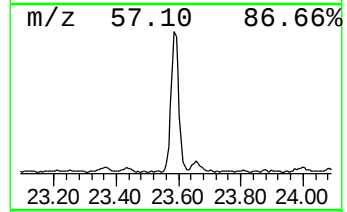
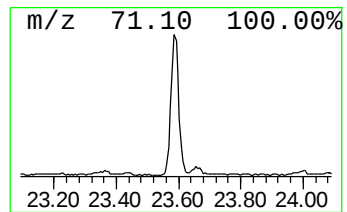
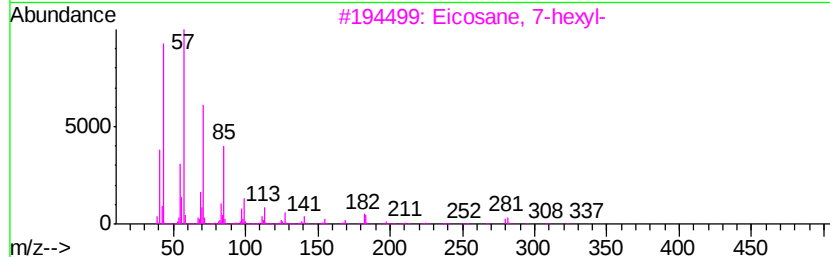
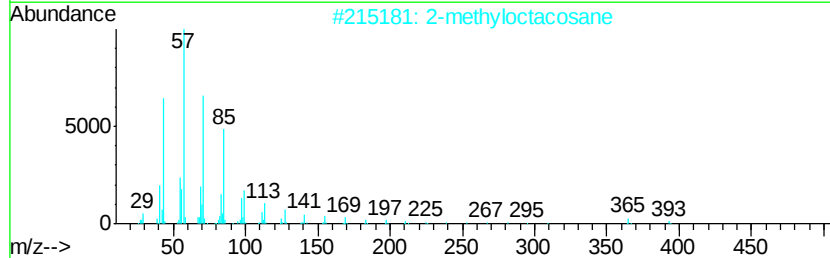
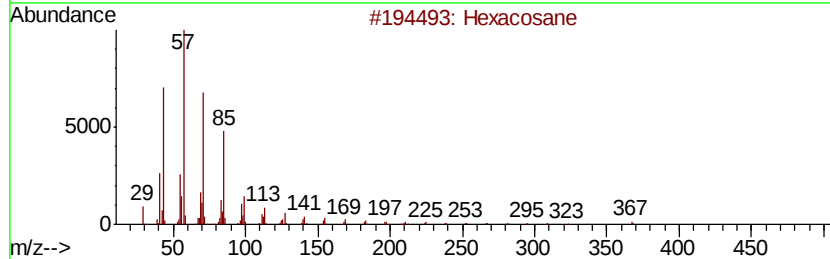
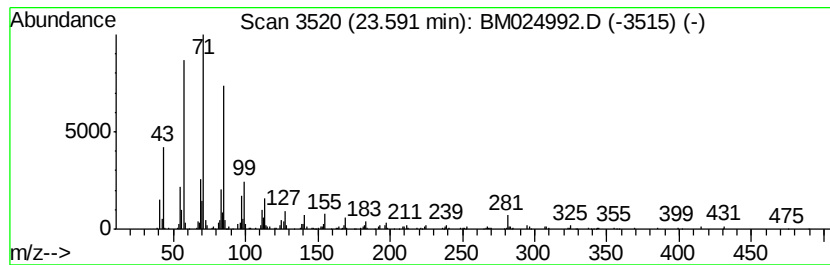
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	4.75 ng/ul	550123	Perylene-d12	23.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Triacontane	422	C30H62	000638-68-6	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Data File : BM024992.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1582-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
2,4,7,9-Tetrameth...	12.92	10.6	ng/ul	682964	3	14.00	1289760	20.0
Tridecanoic acid	17.70	3.8	ng/ul	295958	4	16.75	1566610	20.0
(DEL) Alkane: Cyc...	20.73	3.2	ng/ul	334832	5	20.97	2076950	20.0
(DEL) Alkane: Str...	21.18	2.3	ng/ul	235827	5	20.97	2076950	20.0
(DEL) Alkane: Str...	21.59	3.3	ng/ul	345350	5	20.97	2076950	20.0
(DEL) Alkane: Str...	22.03	4.0	ng/ul	462640	6	23.04	2317490	20.0
(DEL) Alkane: Str...	22.49	4.7	ng/ul	545396	6	23.04	2317490	20.0
(DEL) Alkane: Str...	23.59	4.8	ng/ul	550123	6	23.04	2317490	20.0