

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006458.D
 Acq On : 21 Jun 2019 09:13
 Operator : JU/SJ
 Sample : K3360-16
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W9

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_N\METHODS\SOM-EPA-BN061919MA.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	3.134	21	25	39	rVB	98620	149112	1.49%	0.140%
2	3.864	145	149	154	rVB	10606	15308	0.15%	0.014%
3	4.181	198	203	211	rBV	82715	128034	1.28%	0.121%
4	4.764	296	302	316	rBV	168819	252183	2.51%	0.237%
5	5.375	401	406	413	rVB2	8077	13222	0.13%	0.012%
6	6.805	642	649	667	rBV	1795743	3021592	30.12%	2.844%
7	6.963	670	676	692	rVB	1533177	2288108	22.81%	2.154%
8	7.158	702	709	722	rBV	1820911	2866975	28.58%	2.699%
9	7.622	781	788	798	rBV	1026502	1670014	16.65%	1.572%
10	8.334	902	909	930	rBV	2259623	3629632	36.18%	3.416%
11	8.781	976	985	1004	rBV	1744442	2889806	28.81%	2.720%
12	9.193	1050	1055	1059	rVB	15644	21491	0.21%	0.020%
13	9.499	1099	1107	1124	rBV	1461439	2423525	24.16%	2.281%
14	10.034	1191	1198	1218	rBV	2158611	3692560	36.81%	3.476%
15	10.187	1218	1224	1230	rVB8	5530	10618	0.11%	0.010%
16	10.404	1254	1261	1277	rBV	1603286	2644347	26.36%	2.489%
17	10.551	1277	1286	1308	rBV	2114113	3734156	37.23%	3.515%
18	11.946	1516	1523	1528	rBV2	11695	22276	0.22%	0.021%
19	12.004	1528	1533	1542	rVB	28042	47025	0.47%	0.044%
20	12.875	1677	1681	1688	rVB4	7514	12761	0.13%	0.012%
21	13.569	1793	1799	1813	rBV	94715	206237	2.06%	0.194%
22	13.692	1813	1820	1825	rVV	3894977	5544239	55.27%	5.219%
23	13.740	1825	1828	1834	rVB	696727	865737	8.63%	0.815%
24	13.969	1860	1867	1880	rBV	4607738	6761452	67.40%	6.364%
25	14.187	1896	1904	1909	rBV4	7223	13087	0.13%	0.012%
26	14.281	1913	1920	1931	rBV2	2362410	3626477	36.15%	3.414%
27	14.504	1952	1958	1980	rBV	1482784	2462498	24.55%	2.318%
28	15.087	2052	2057	2063	rBV	94793	125419	1.25%	0.118%
29	15.139	2063	2066	2071	rVB3	18767	25407	0.25%	0.024%
30	15.281	2083	2090	2105	rBV	5785044	8214326	81.89%	7.732%
31	15.422	2107	2114	2126	rVV	1561399	2256455	22.49%	2.124%
32	15.516	2126	2130	2139	rVB	73832	124454	1.24%	0.117%
33	15.698	2157	2161	2166	rVB8	6085	10573	0.11%	0.010%
34	15.845	2181	2186	2190	rBV5	7367	11369	0.11%	0.011%

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35	15.963	2203	2206	2210	rBV3	11769	14367	0.14%	0.014%
36	16.010	2210	2214	2220	rVV3	17119	24765	0.25%	0.023%
37	16.069	2220	2224	2227	rVB4	9150	12310	0.12%	0.012%
38	16.181	2237	2243	2249	rBV3	12541	18283	0.18%	0.017%
39	16.798	2344	2348	2350	rBV2	12554	16188	0.16%	0.015%
40	17.039	2382	2389	2397	rBV2	3085456	4376776	43.63%	4.120%
41	17.139	2399	2406	2418	rVV	6092281	8749373	87.22%	8.236%
42	17.816	2510	2521	2523	rBV9	12983	36627	0.37%	0.034%
43	17.945	2538	2543	2550	rBV	254173	440056	4.39%	0.414%
44	18.663	2662	2665	2669	rVB	9630	11431	0.11%	0.011%
45	18.875	2698	2701	2706	rVB5	8328	10618	0.11%	0.010%
46	19.004	2719	2723	2726	rVB3	9335	11407	0.11%	0.011%
47	19.080	2731	2736	2745	rVV	65603	100462	1.00%	0.095%
48	19.233	2758	2762	2771	rBV3	52624	97430	0.97%	0.092%
49	19.333	2774	2779	2783	rVB	63689	86245	0.86%	0.081%
50	19.451	2792	2799	2813	rBV	7250773	10031194	100.00%	9.442%
51	19.998	2887	2892	2897	rBV7	20824	36337	0.36%	0.034%
52	20.369	2951	2955	2956	rBV4	18645	23340	0.23%	0.022%
53	20.498	2974	2977	2982	rBV4	23207	29990	0.30%	0.028%
54	20.969	3052	3057	3076	rBV	701480	1424763	14.20%	1.341%
55	21.257	3100	3106	3117	rBV	3675233	4753903	47.39%	4.475%
56	21.410	3129	3132	3136	rBV	87504	90450	0.90%	0.085%
57	21.845	3202	3206	3209	rBV	181021	216413	2.16%	0.204%
58	22.304	3279	3284	3290	rBV	291092	375033	3.74%	0.353%
59	22.804	3364	3369	3376	rBV	353163	487341	4.86%	0.459%
60	23.351	3453	3462	3472	rBV	5090570	9480058	94.51%	8.923%
61	23.486	3478	3485	3492	rBV	2308304	4255775	42.43%	4.006%
62	23.998	3566	3572	3580	rVB	306798	558727	5.57%	0.526%
63	24.727	3690	3696	3706	rBV	188875	417090	4.16%	0.393%
64	25.580	3837	3841	3850	rVB	121563	271827	2.71%	0.256%

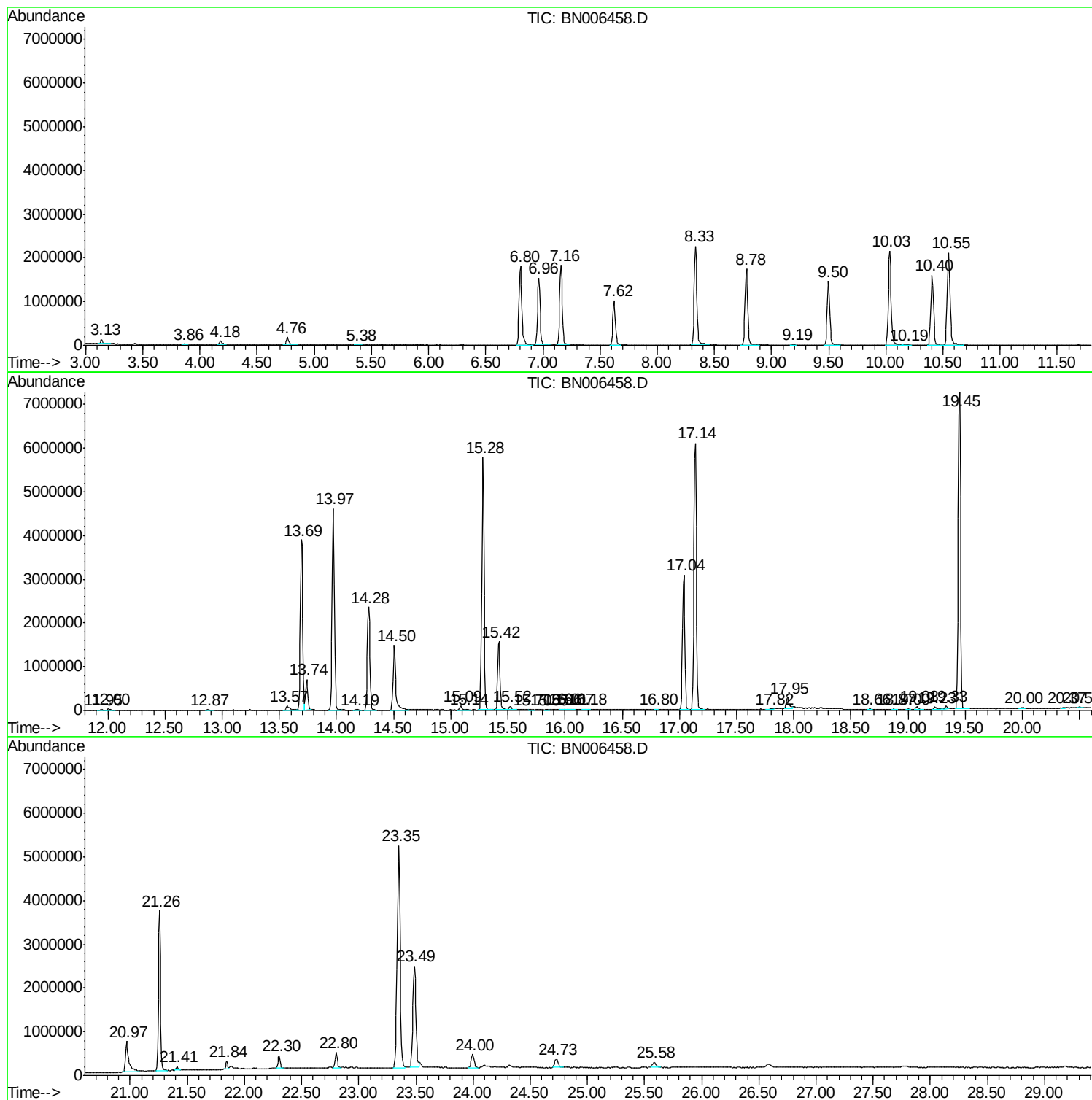
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Quant Title : SVOA CALIBRATION

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



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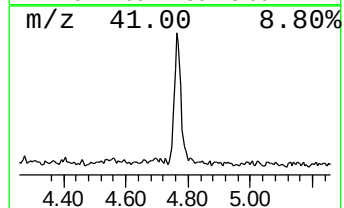
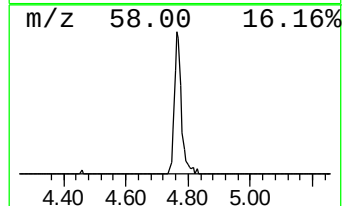
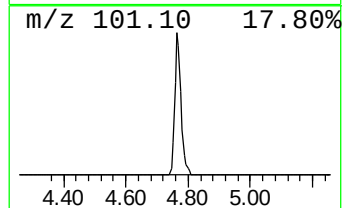
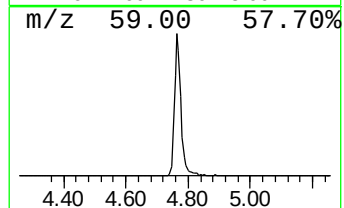
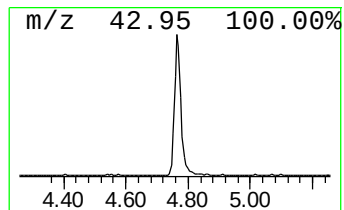
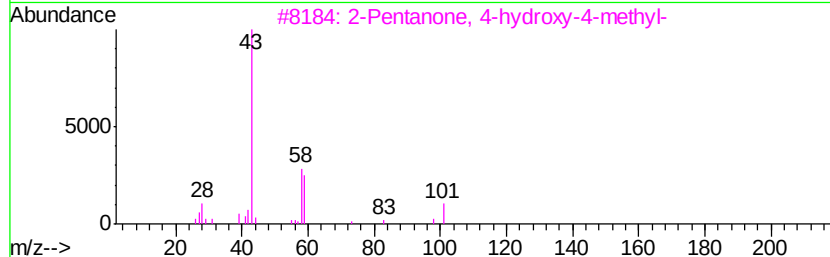
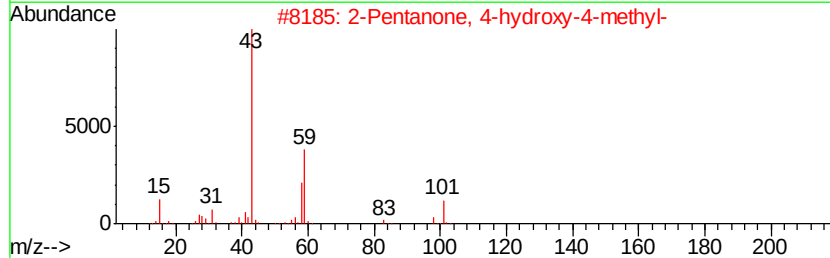
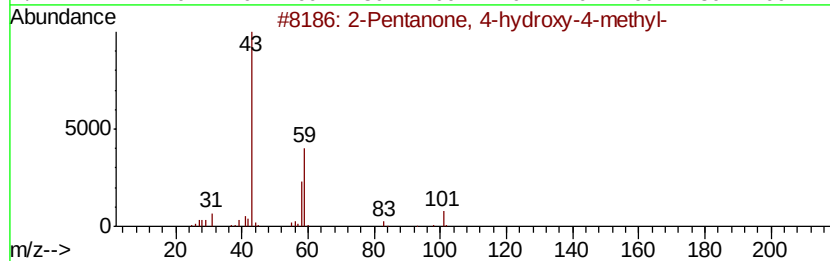
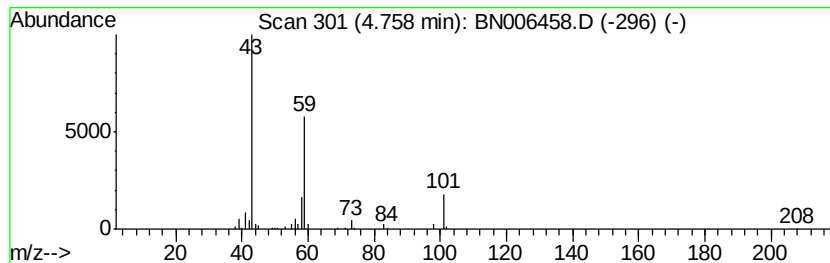
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	3.02 ng/ul	252183	1,4-Dichlorobenzene-d4	7.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32		
5	Tetraglyme	222	C10H22O5	000143-24-8	25		



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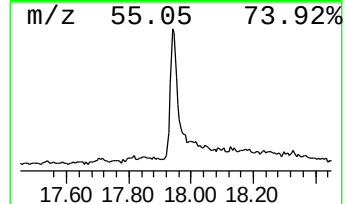
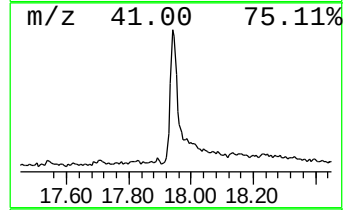
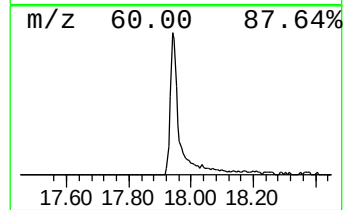
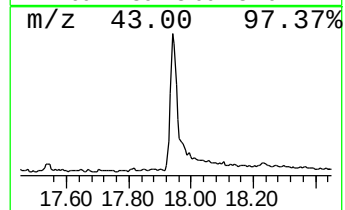
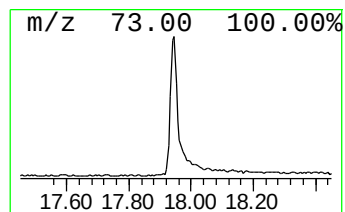
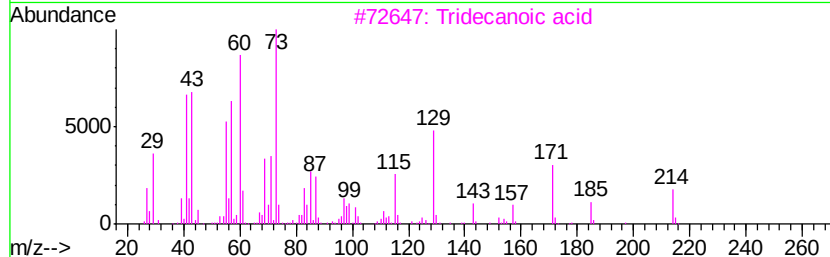
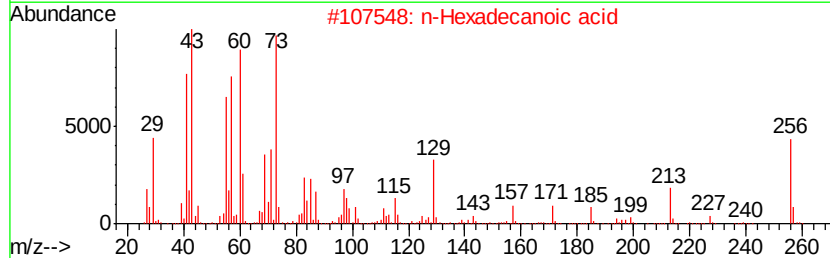
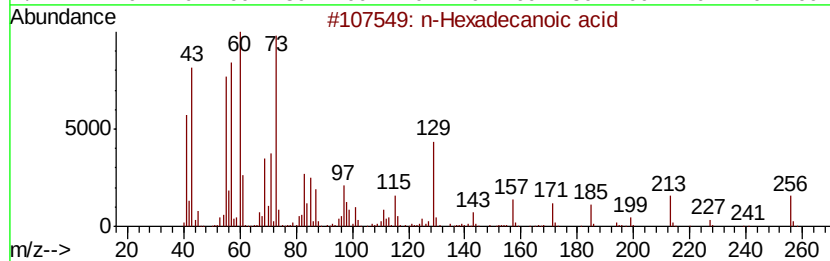
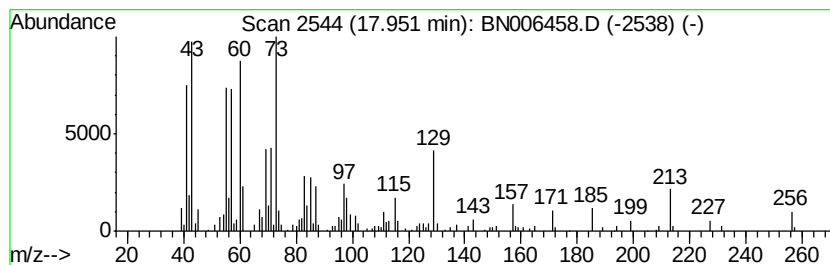
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.95	2.01 ng/ul	440056	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80



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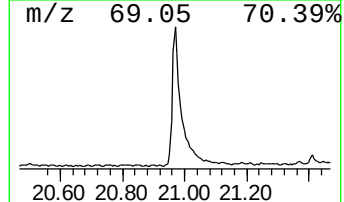
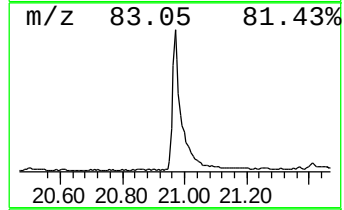
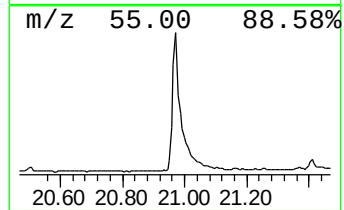
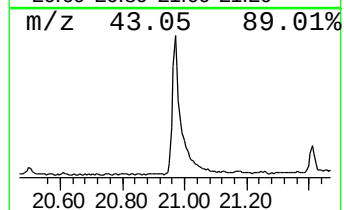
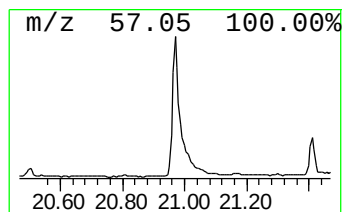
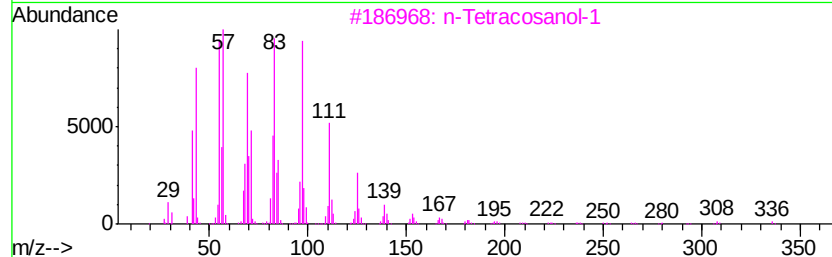
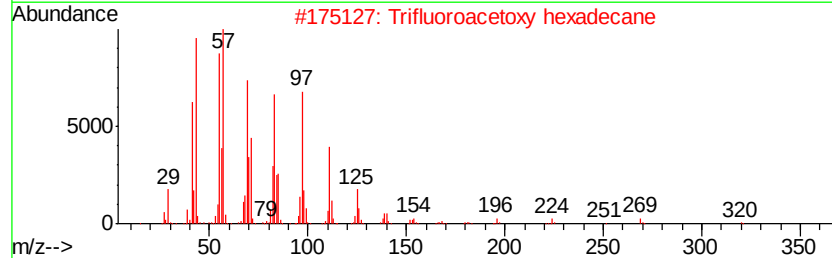
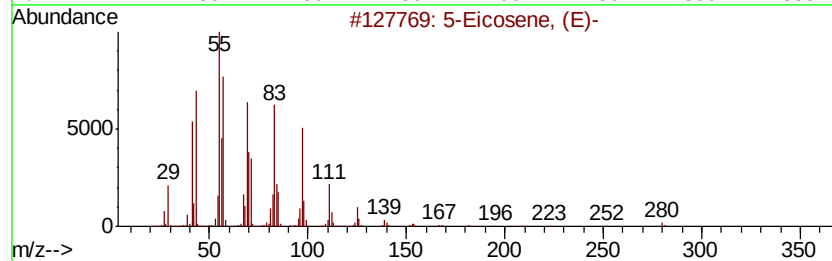
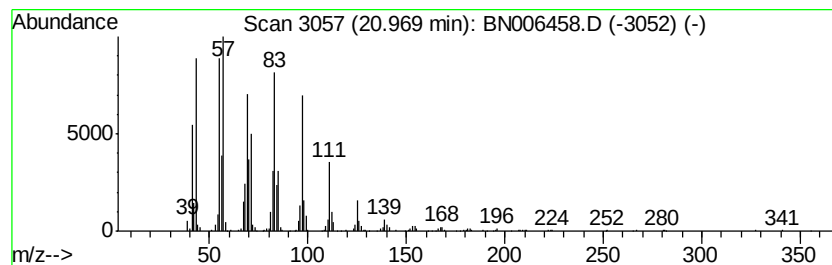
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.99 ng/ul	1424760	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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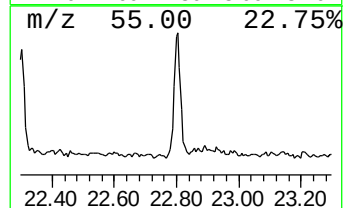
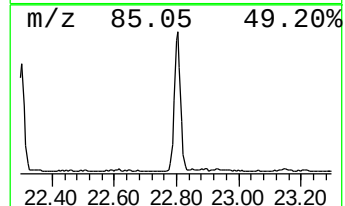
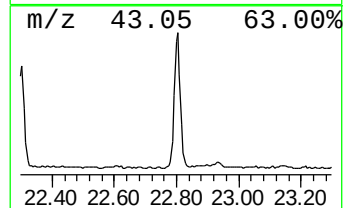
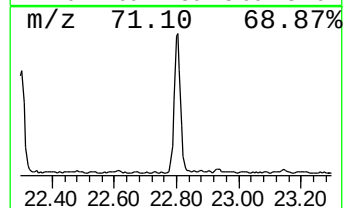
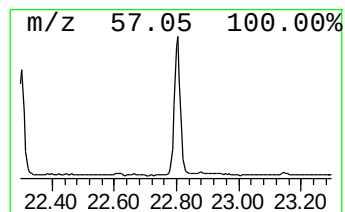
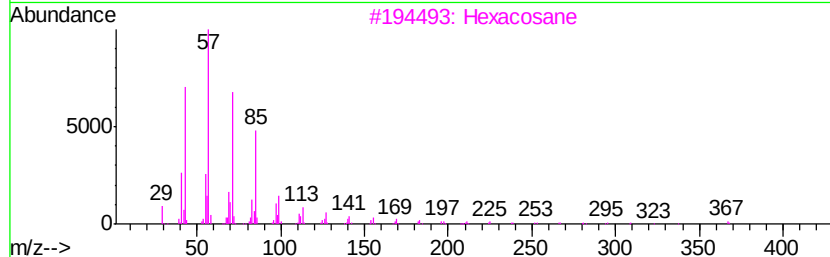
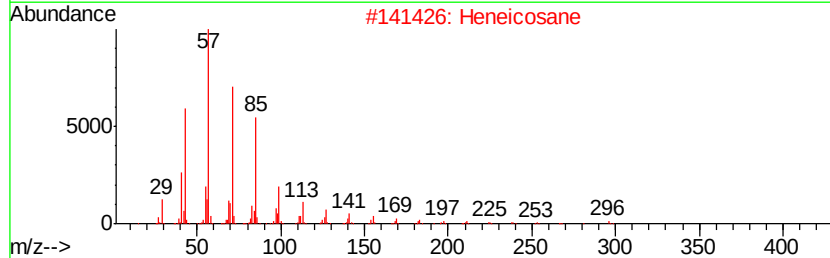
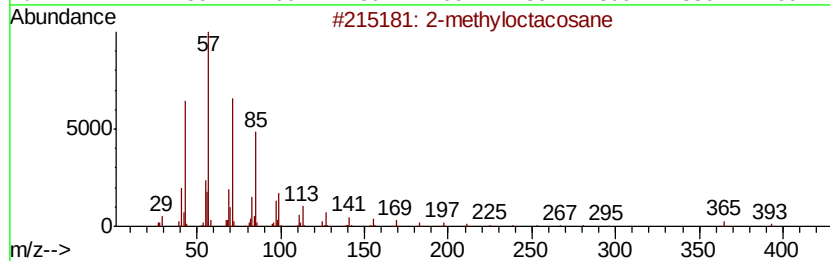
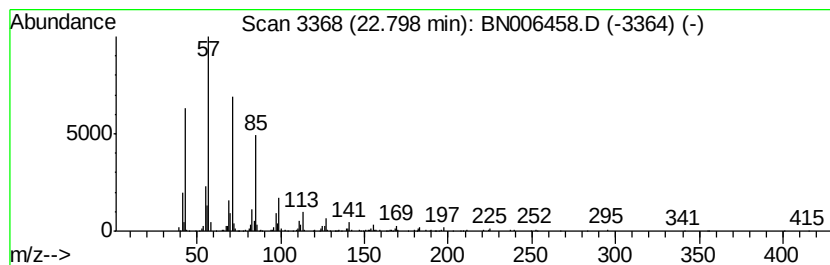
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.29 ng/ul	487341	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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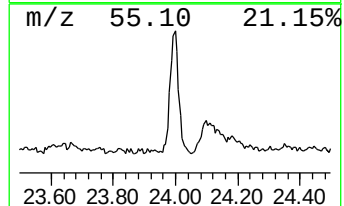
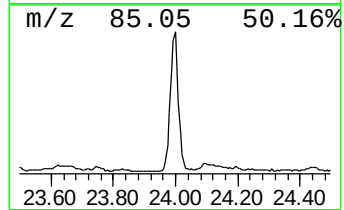
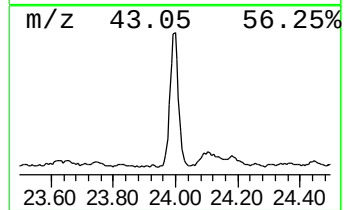
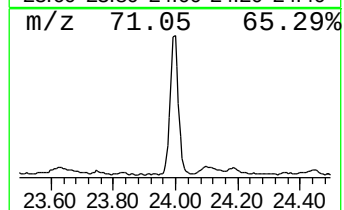
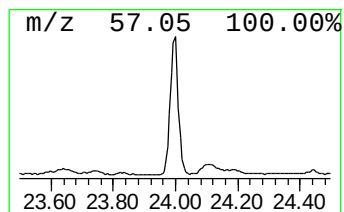
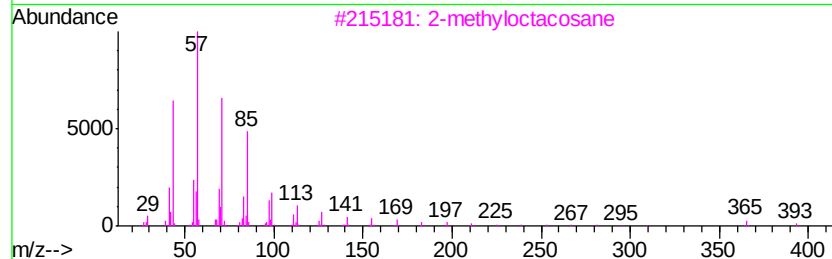
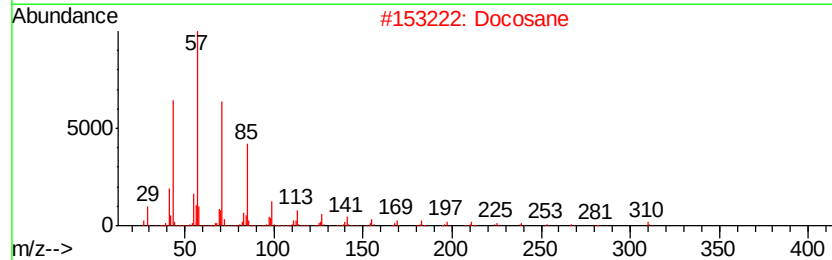
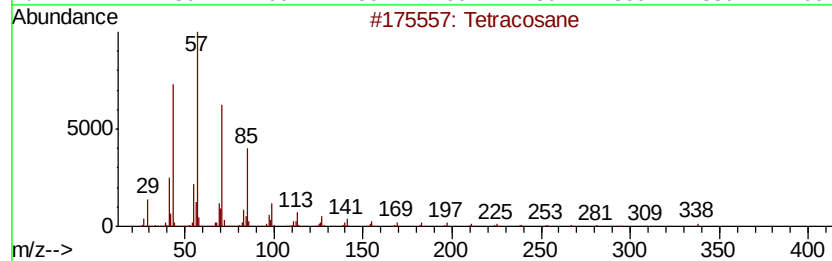
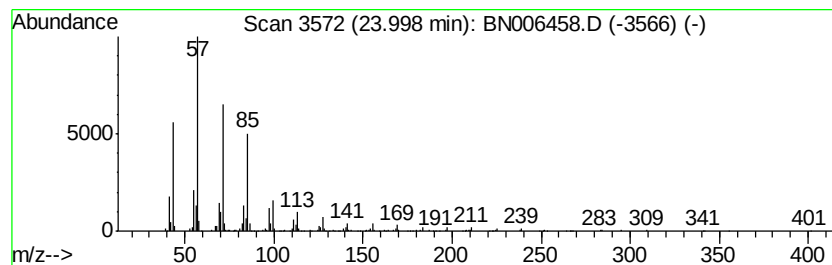
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.63 ng/ul	558727	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Docosane	310	C22H46	000629-97-0	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006458.D
Acq On : 21 Jun 2019 09:13
Operator : JU/SJ
Sample : K3360-16
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.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-Pentanone, 4-hy...	4.76	3.0	ng/ul	252183	1	7.62	1670010	20.0
n-Hexadecanoic acid	17.95	2.0	ng/ul	440056	4	17.04	4376780	20.0
(DEL) Alkane: Cyc...	20.97	6.0	ng/ul	1424760	5	21.26	4753900	20.0
(DEL) Alkane: Str...	22.80	2.3	ng/ul	487341	6	23.49	4255780	20.0
(DEL) Alkane: Str...	24.00	2.6	ng/ul	558727	6	23.49	4255780	20.0