

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 Data File : BM024534.D
 Acq On : 18 Jan 2020 14:13
 Operator : JU
 Sample : L1109-18
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASH7

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	26	29	39	rVB	32179	55043	1.02%	0.090%
2	3.369	80	82	88	rBV4	3379	6247	0.12%	0.010%
3	3.675	132	134	143	rVB5	9429	15726	0.29%	0.026%
4	3.758	143	148	150	rBV3	6216	9766	0.18%	0.016%
5	4.646	295	299	303	rBV4	7061	9395	0.17%	0.015%
6	6.646	632	639	657	rBV	677004	1101736	20.42%	1.800%
7	6.805	660	666	676	rBV	503782	748538	13.87%	1.223%
8	6.993	692	698	708	rBV	736667	1141571	21.16%	1.865%
9	7.457	770	777	788	rBV	721084	1145139	21.22%	1.871%
10	7.546	788	792	796	rVB5	7163	11046	0.20%	0.018%
11	8.163	891	897	906	rBV	911131	1417350	26.27%	2.316%
12	8.593	960	970	982	rBV	725758	1168196	21.65%	1.909%
13	9.099	1050	1056	1061	rVB	13589	19341	0.36%	0.032%
14	9.304	1085	1091	1104	rBV	621081	1023996	18.98%	1.673%
15	9.846	1176	1183	1193	rBV	1003373	1650865	30.59%	2.697%
16	10.216	1238	1246	1254	rBV	1029467	1721116	31.90%	2.812%
17	10.351	1262	1269	1279	rBV	840737	1389103	25.74%	2.270%
18	11.810	1512	1517	1525	rVB2	14851	24773	0.46%	0.040%
19	13.339	1773	1777	1782	rVB5	4728	6807	0.13%	0.011%
20	13.404	1786	1788	1795	rVB4	3963	5465	0.10%	0.009%
21	13.528	1802	1809	1813	rBV	1928813	2627037	48.68%	4.292%
22	13.569	1813	1816	1824	rVB	443632	587567	10.89%	0.960%
23	13.786	1846	1853	1865	rVB	2200285	3144987	58.28%	5.139%
24	14.104	1900	1907	1915	rVB	1855087	2705775	50.14%	4.421%
25	14.316	1935	1943	1961	rBV	766942	1229560	22.79%	2.009%
26	14.539	1977	1981	1985	rBV5	9289	13091	0.24%	0.021%
27	15.010	2057	2061	2065	rBV4	7100	9842	0.18%	0.016%
28	15.104	2070	2077	2086	rBV	2897664	3997790	74.09%	6.532%
29	15.222	2091	2097	2108	rVV	767781	1006007	18.64%	1.644%
30	15.345	2114	2118	2125	rVB	33366	44702	0.83%	0.073%
31	15.675	2169	2174	2177	rBV4	3544	6034	0.11%	0.010%
32	15.886	2205	2210	2215	rBV4	11177	17914	0.33%	0.029%
33	16.298	2276	2280	2284	rBV4	7588	9912	0.18%	0.016%
34	16.639	2333	2338	2341	rBV2	8963	13931	0.26%	0.023%

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35	16.674	2341	2344	2347	rVB4	6172	7184	0.13%	0.012%
36	16.851	2368	2374	2385	rBV	2451394	3407765	63.15%	5.568%
37	16.951	2385	2391	2401	rVV	3210346	4370028	80.98%	7.140%
38	17.069	2408	2411	2414	rBV4	5754	7011	0.13%	0.011%
39	17.280	2444	2447	2450	rVB4	5945	6781	0.13%	0.011%
40	17.404	2466	2468	2472	rBV4	3996	5568	0.10%	0.009%
41	17.545	2489	2492	2496	rBV3	6475	9493	0.18%	0.016%
42	17.792	2529	2534	2542	rBV	414331	589553	10.93%	0.963%
43	17.916	2553	2555	2561	rVB7	7232	9464	0.18%	0.015%
44	18.104	2581	2587	2591	rVB8	8185	15413	0.29%	0.025%
45	18.468	2646	2649	2652	rBV5	6226	7762	0.14%	0.013%
46	18.604	2669	2672	2675	rBV5	8405	9826	0.18%	0.016%
47	18.663	2679	2682	2685	rVV5	12391	13385	0.25%	0.022%
48	18.739	2693	2695	2701	rVB5	7590	8347	0.15%	0.014%
49	18.886	2716	2720	2724	rBV	33523	43259	0.80%	0.071%
50	18.933	2726	2728	2730	rVV2	7916	6585	0.12%	0.011%
51	18.963	2730	2733	2737	rVB4	14748	18015	0.33%	0.029%
52	19.086	2750	2754	2760	rBV	178452	251584	4.66%	0.411%
53	19.139	2760	2763	2769	rVB	37299	56112	1.04%	0.092%
54	19.257	2776	2783	2791	rBV	3934283	5331341	98.80%	8.711%
55	19.321	2792	2794	2798	rVV4	22176	29974	0.56%	0.049%
56	19.363	2798	2801	2805	rVB4	12755	16769	0.31%	0.027%
57	19.821	2875	2879	2884	rBV6	27373	46708	0.87%	0.076%
58	19.868	2884	2887	2892	rVB7	24668	31843	0.59%	0.052%
59	20.363	2969	2971	2975	rVB	35960	34224	0.63%	0.056%
60	20.815	3044	3048	3054	rBV	1042435	1248349	23.13%	2.040%
61	21.057	3084	3089	3101	rBV	3373809	4160430	77.10%	6.798%
62	21.268	3121	3125	3130	rVB	166604	173797	3.22%	0.284%
63	21.686	3193	3196	3201	rBV	247802	317068	5.88%	0.518%
64	22.127	3268	3271	3279	rVB	309825	398297	7.38%	0.651%
65	22.245	3288	3291	3298	rVB	190560	227398	4.21%	0.372%
66	22.609	3348	3353	3357	rBV	357609	512064	9.49%	0.837%
67	23.045	3420	3427	3436	rVB	3222200	5396135	100.00%	8.817%
68	23.174	3438	3449	3463	rVB	2378101	4813383	89.20%	7.865%
69	23.739	3541	3545	3551	rVB	331121	548425	10.16%	0.896%
70	23.809	3552	3557	3567	rVB3	245628	470213	8.71%	0.768%
71	24.433	3659	3663	3672	rVB2	268342	517487	9.59%	0.846%

LSC Area Percent Report

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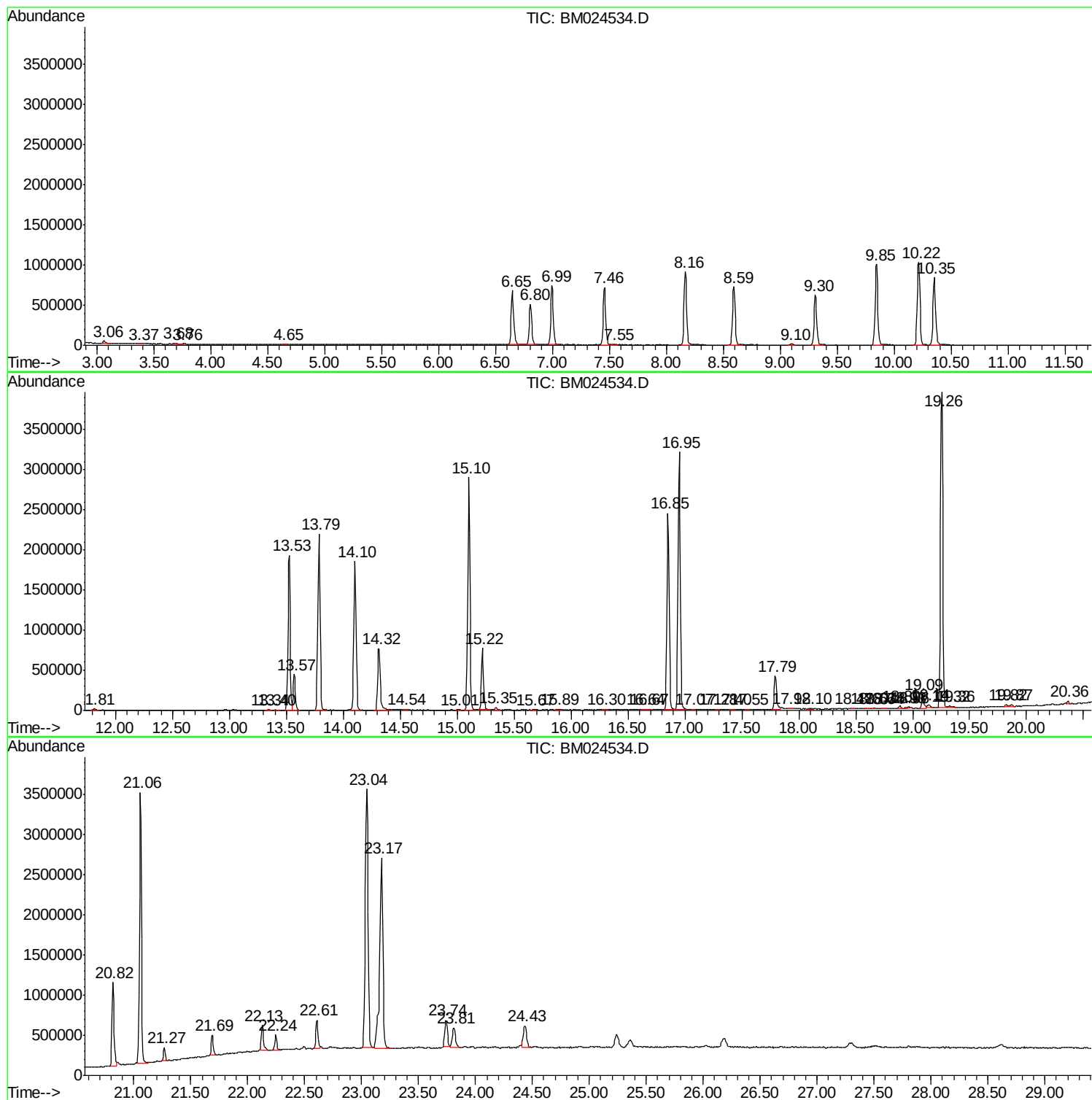
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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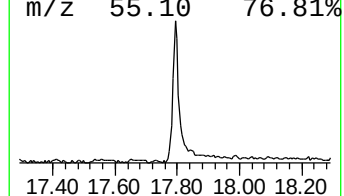
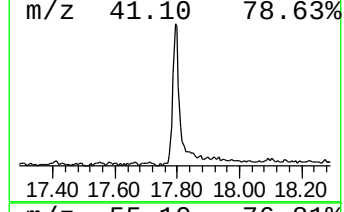
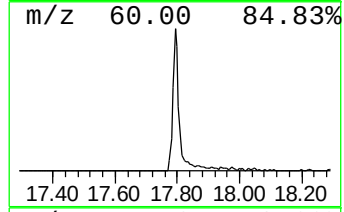
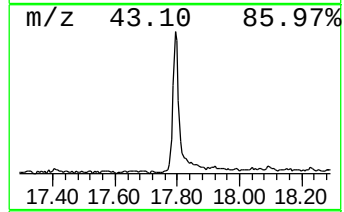
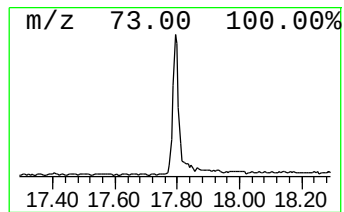
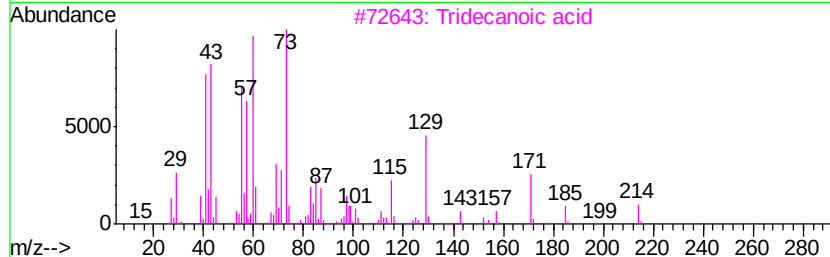
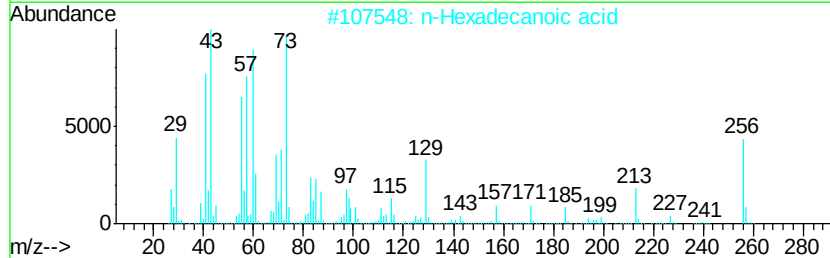
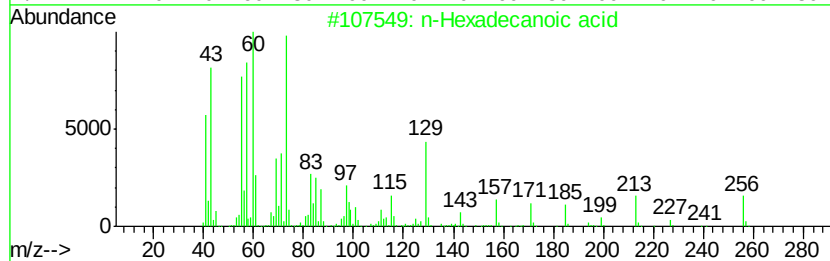
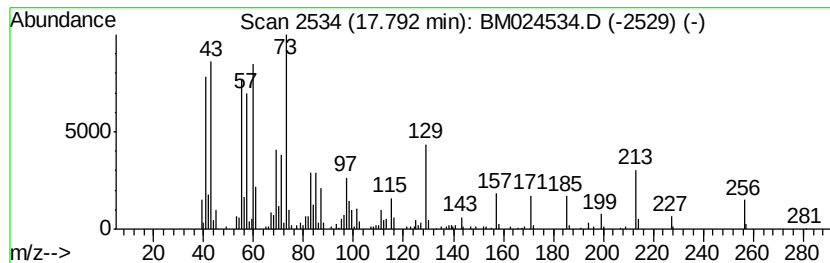
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.79	3.46 ng/ul	589553	Phenanthrene-d10	16.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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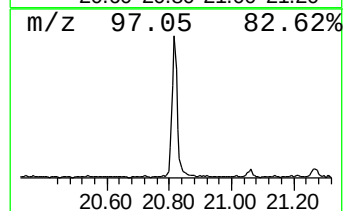
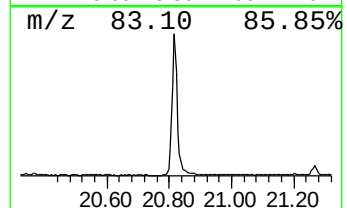
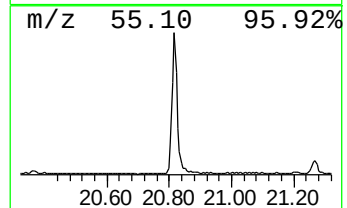
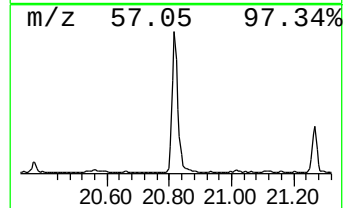
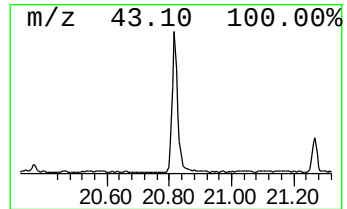
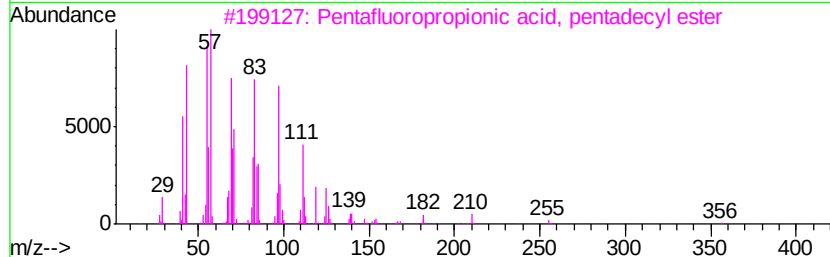
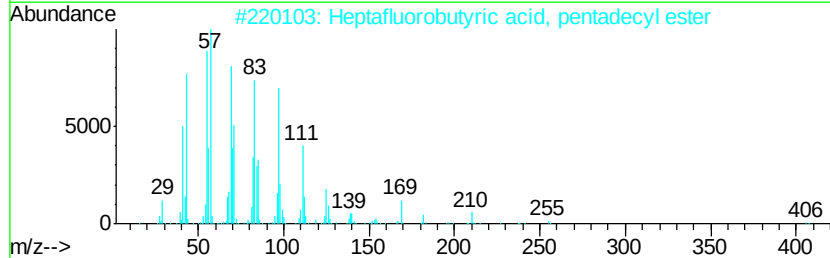
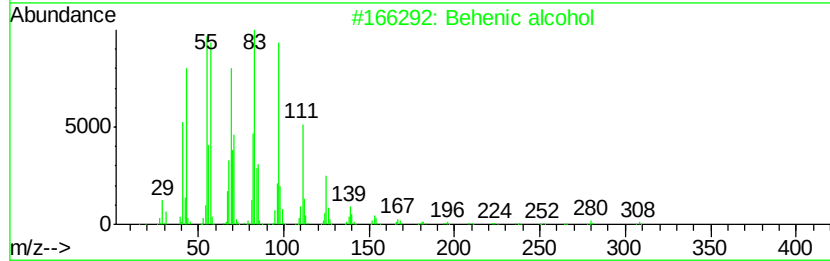
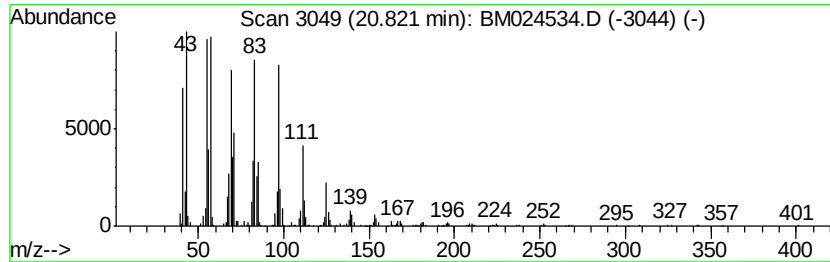
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	6.00 ng/ul	1248350	Chrysene-d12	21.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5 94
3		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 94
4		1-Heneicosanol	312 C21H44O	015594-90-8 94
5		Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2 94



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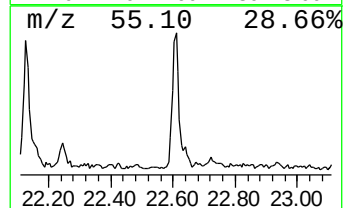
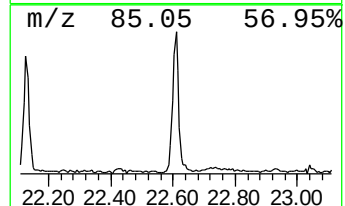
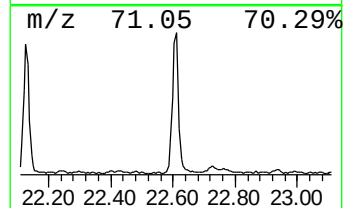
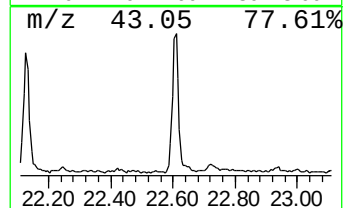
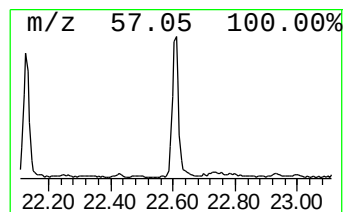
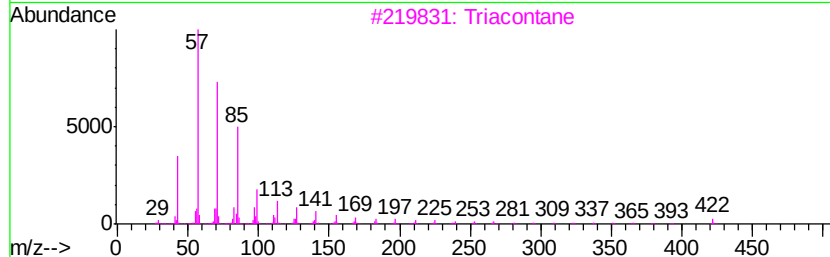
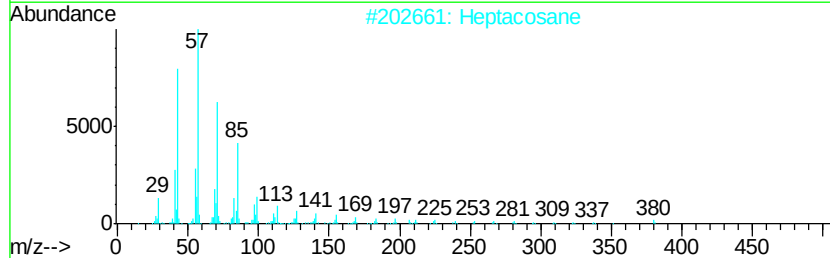
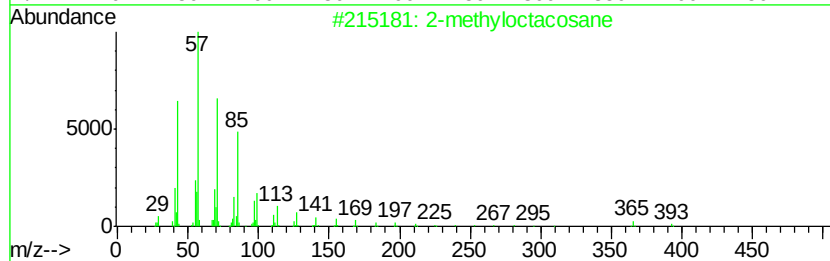
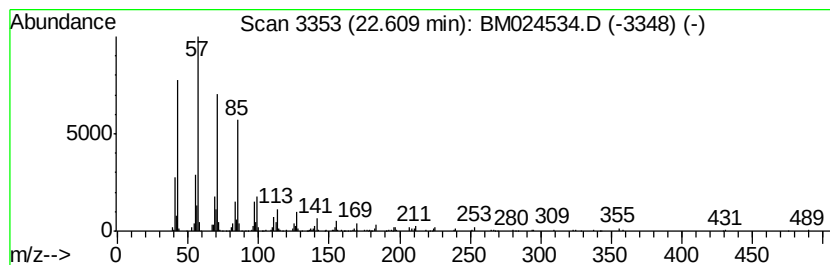
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	2.13 ng/ul	512064	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		triacontane	422	C30H62	000638-68-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



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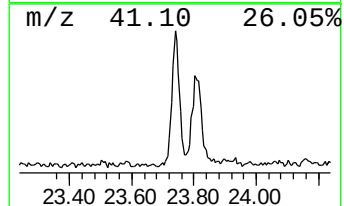
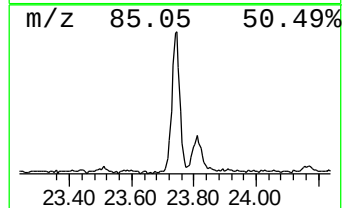
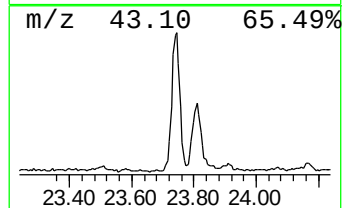
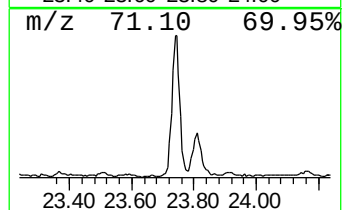
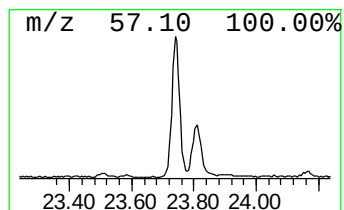
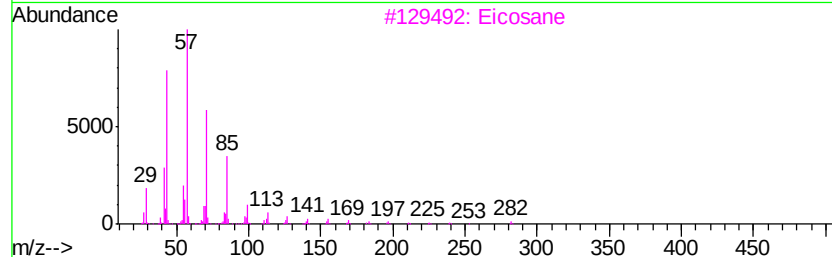
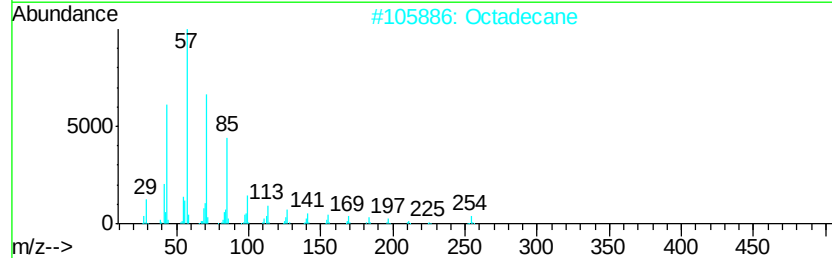
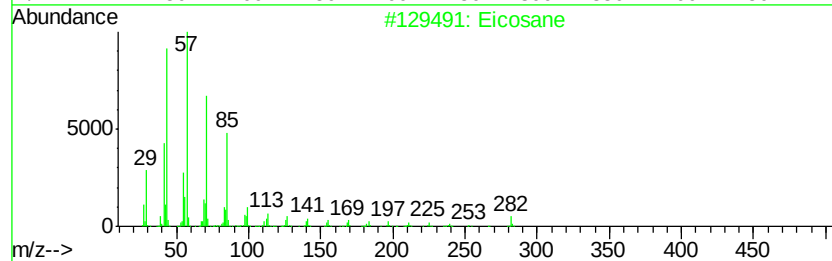
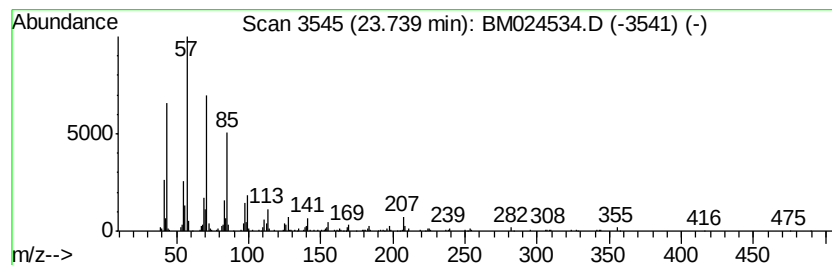
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.28 ng/ul	548425	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Octadecane	254	C18H38	000593-45-3	94
3		Eicosane	282	C20H42	000112-95-8	93
4		Eicosane	282	C20H42	000112-95-8	92
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024534.D
Acq On : 18 Jan 2020 14:13
Operator : JU
Sample : L1109-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASH7

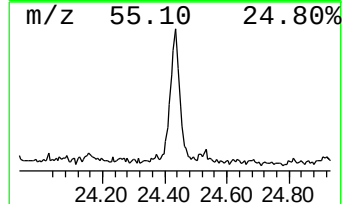
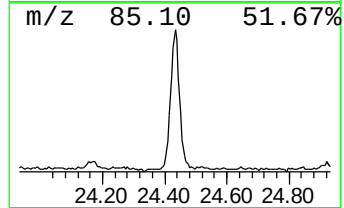
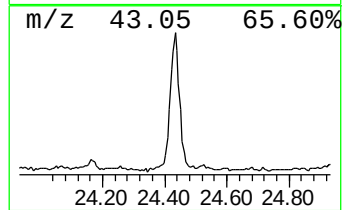
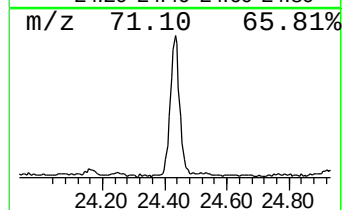
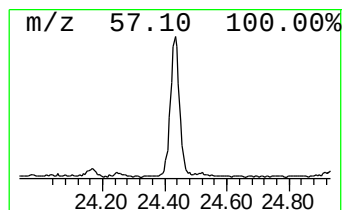
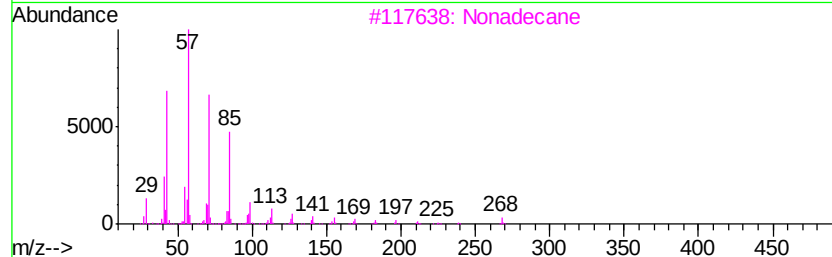
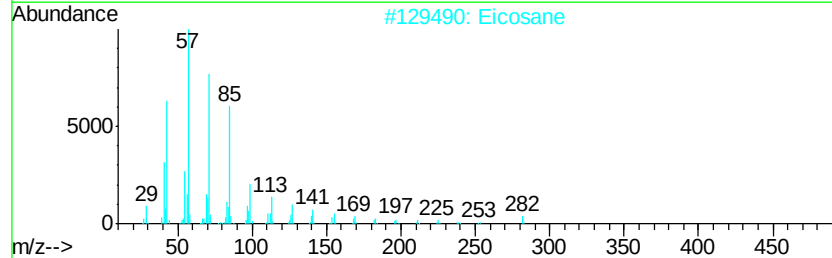
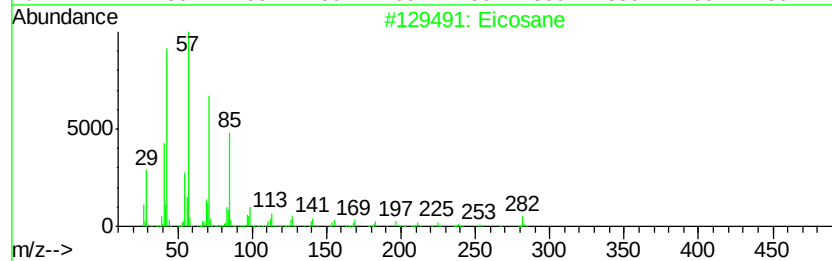
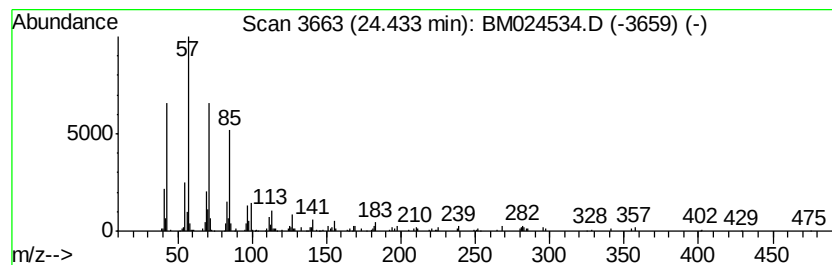
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.43	2.15 ng/ul	517487	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	93
3		Nonadecane	268	C19H40	000629-92-5	93
4		Nonadecane	268	C19H40	000629-92-5	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\
Data File : BM024534.D
Acq On : 18 Jan 2020 14:13
Operator : JU
Sample : L1109-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASH7

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	3.5	ng/ul	589553	4	16.85	3407770	20.0
Behenic alcohol	20.82	6.0	ng/ul	1248350	5	21.06	4160430	20.0
(DEL) Alkane: Str...	22.61	2.1	ng/ul	512064	6	23.17	4813380	20.0
(DEL) Alkane: Str...	23.74	2.3	ng/ul	548425	6	23.17	4813380	20.0
(DEL) Alkane: Str...	24.43	2.1	ng/ul	517487	6	23.17	4813380	20.0