

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
 Data File : BM029884.D
 Acq On : 07 May 2021 20:21
 Operator : CG/JU
 Sample : M2129-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AC1

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\SFAM-EPA-BM050721.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	3.069	28	31	41	rVB	35944	64153	1.39%	0.141%
2	3.487	99	102	125	rBV	230434	597538	12.92%	1.310%
3	4.698	305	308	314	rVB3	10583	16019	0.35%	0.035%
4	6.739	649	655	669	rBV	504750	962501	20.81%	2.110%
5	6.904	677	683	703	rVB	393676	700827	15.15%	1.536%
6	7.092	708	715	728	rBV	566853	980774	21.20%	2.150%
7	7.557	787	794	806	rBV	484553	833408	18.02%	1.827%
8	8.269	909	915	931	rBV	638253	1201426	25.97%	2.634%
9	8.710	983	990	1005	rBV	536666	973899	21.05%	2.135%
10	9.128	1058	1061	1068	rVB2	7838	10365	0.22%	0.023%
11	9.428	1105	1112	1126	rBV	441647	799424	17.28%	1.752%
12	9.963	1195	1203	1225	rBV	605868	1227080	26.53%	2.690%
13	10.327	1258	1265	1284	rBV	739717	1275969	27.58%	2.797%
14	10.480	1284	1291	1316	rBV	526603	1217634	26.32%	2.669%
15	11.951	1534	1541	1547	rBV6	6941	16312	0.35%	0.036%
16	12.745	1670	1676	1682	rVB6	2055	4809	0.10%	0.011%
17	12.810	1684	1687	1691	rBV5	3651	5634	0.12%	0.012%
18	13.033	1721	1725	1733	rBV3	5310	9653	0.21%	0.021%
19	13.110	1733	1738	1745	rVB2	16538	27281	0.59%	0.060%
20	13.621	1818	1825	1830	rBV	1438360	2059756	44.52%	4.515%
21	13.668	1830	1833	1843	rVB	132321	214379	4.63%	0.470%
22	13.892	1862	1871	1889	rBV	1721412	2542534	54.96%	5.573%
23	14.115	1902	1909	1914	rBV3	7869	13086	0.28%	0.029%
24	14.204	1917	1924	1938	rBV	1235214	1812352	39.18%	3.973%
25	14.439	1958	1964	1988	rBV	232338	748235	16.17%	1.640%
26	14.845	2029	2033	2039	rVB2	6368	8783	0.19%	0.019%
27	14.974	2050	2055	2059	rVV6	4889	6293	0.14%	0.014%
28	15.074	2068	2072	2078	rVB4	9324	13433	0.29%	0.029%
29	15.204	2087	2094	2111	rBV	2113260	3144520	67.97%	6.893%
30	15.333	2111	2116	2130	rVV	609703	908748	19.64%	1.992%
31	15.439	2130	2134	2140	rVB	22538	37393	0.81%	0.082%
32	15.580	2155	2158	2162	rVB6	3910	5201	0.11%	0.011%
33	15.886	2207	2210	2215	rVV5	7714	11337	0.25%	0.025%
34	15.939	2215	2219	2221	rVV4	6675	10530	0.23%	0.023%

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35	15.986	2224	2227	2235	rVB8	12594	22212	0.48%	0.049%
36	16.104	2243	2247	2253	rBV6	5865	10605	0.23%	0.023%
37	16.192	2257	2262	2268	rVB2	19885	28348	0.61%	0.062%
38	16.345	2283	2288	2293	rBV7	4980	8451	0.18%	0.019%
39	16.627	2333	2336	2340	rBV4	3874	5536	0.12%	0.012%
40	16.692	2343	2347	2350	rBV5	11366	17291	0.37%	0.038%
41	16.733	2350	2354	2355	rBV4	6519	6956	0.15%	0.015%
42	16.951	2384	2391	2401	rBV	1469724	2141462	46.29%	4.694%
43	17.051	2401	2408	2423	rVV	2192691	3368019	72.81%	7.383%
44	17.162	2425	2427	2432	rVB5	8303	11205	0.24%	0.025%
45	17.251	2437	2442	2445	rBV	13962	18859	0.41%	0.041%
46	17.462	2474	2478	2481	rBV6	4973	7622	0.16%	0.017%
47	17.745	2520	2526	2530	rBV5	15777	26990	0.58%	0.059%
48	17.798	2532	2535	2540	rBV4	19960	31027	0.67%	0.068%
49	17.856	2540	2545	2556	rBV	165396	275518	5.96%	0.604%
50	18.233	2606	2609	2613	rVB6	3611	6122	0.13%	0.013%
51	18.345	2625	2628	2634	rVB2	8205	13804	0.30%	0.030%
52	18.615	2670	2674	2679	rVB	39632	50142	1.08%	0.110%
53	18.703	2686	2689	2691	rBV4	4929	5511	0.12%	0.012%
54	18.792	2698	2704	2709	rBV8	10658	18856	0.41%	0.041%
55	18.986	2733	2737	2741	rBV	21323	38658	0.84%	0.085%
56	19.027	2741	2744	2746	rVB3	9658	10974	0.24%	0.024%
57	19.145	2760	2764	2770	rBV2	41241	64774	1.40%	0.142%
58	19.209	2770	2775	2786	rVB2	105375	178674	3.86%	0.392%
59	19.345	2792	2798	2806	rBV	3042081	4039924	87.33%	8.856%
60	19.409	2807	2809	2815	rVB5	25906	35377	0.76%	0.078%
61	19.880	2885	2889	2892	rBV4	17967	27669	0.60%	0.061%
62	20.862	3051	3056	3067	rBV	557407	978440	21.15%	2.145%
63	21.133	3097	3102	3115	rBV	1832217	2586121	55.90%	5.669%
64	21.297	3128	3130	3136	rBV4	42571	58453	1.26%	0.128%
65	21.721	3199	3202	3203	rBV	78301	79673	1.72%	0.175%
66	22.162	3273	3277	3284	rBV	214831	310021	6.70%	0.680%
67	22.650	3355	3360	3364	rBV	255895	374449	8.09%	0.821%
68	23.156	3439	3446	3459	rBV	2338490	4626068	100.00%	10.141%
69	23.291	3463	3469	3481	rVB2	1356840	2584995	55.88%	5.667%
70	23.803	3551	3556	3563	rVB	334145	593674	12.83%	1.301%
71	24.509	3671	3676	3683	rVB2	247027	494931	10.70%	1.085%

LSC Area Percent Report

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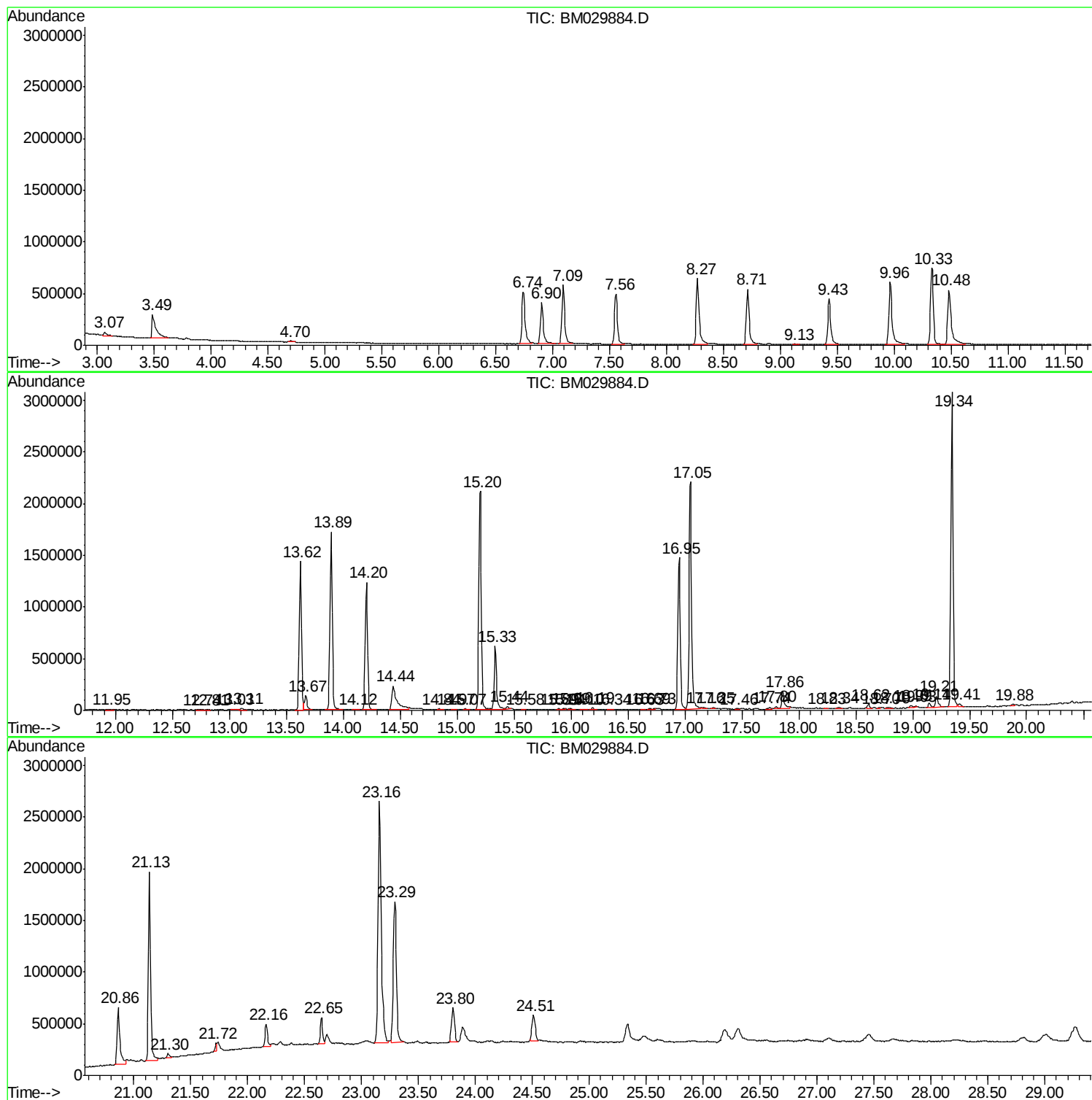
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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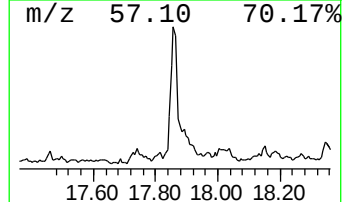
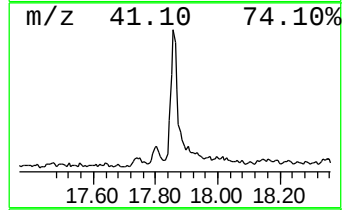
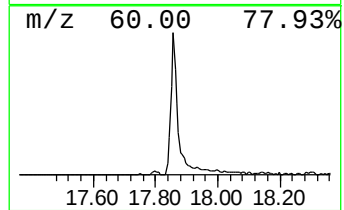
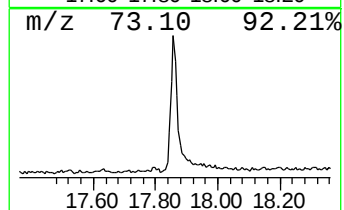
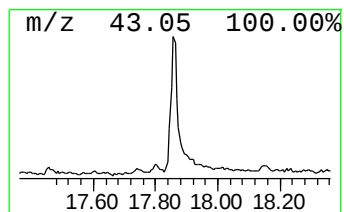
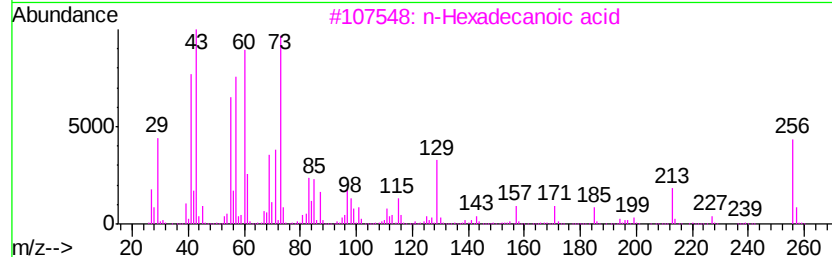
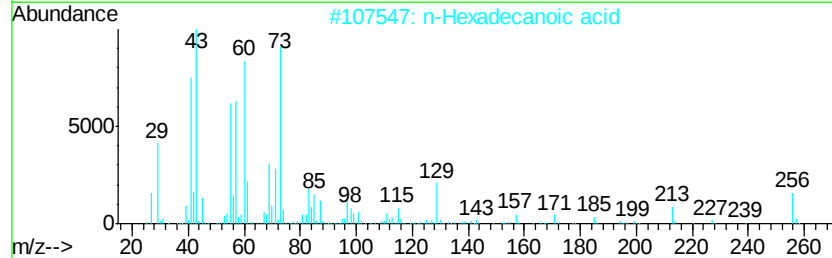
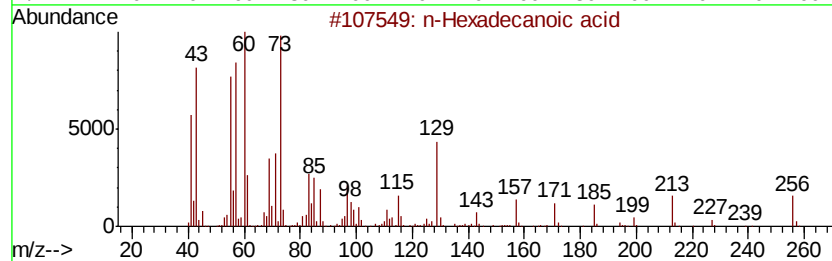
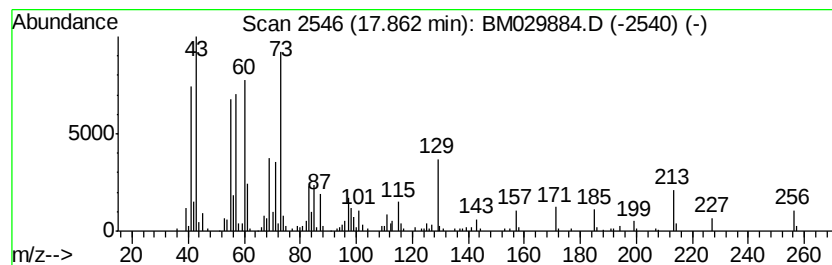
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.57 ng/ul	275518	Phenanthrene-d10	16.95

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	94	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	



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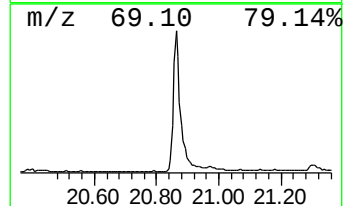
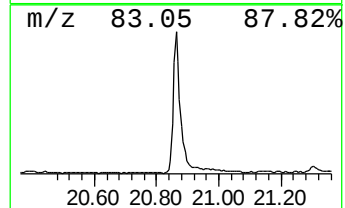
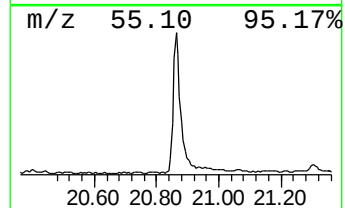
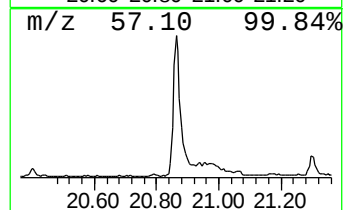
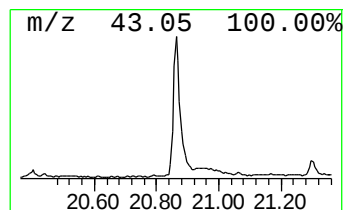
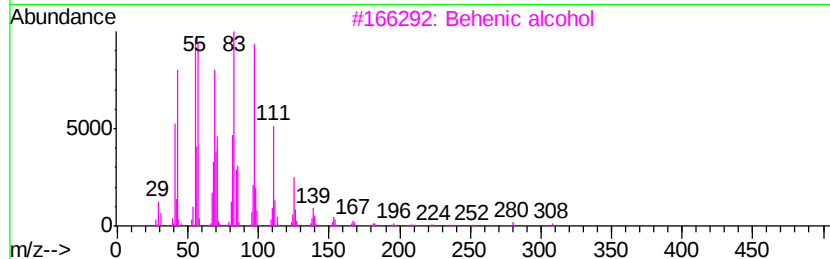
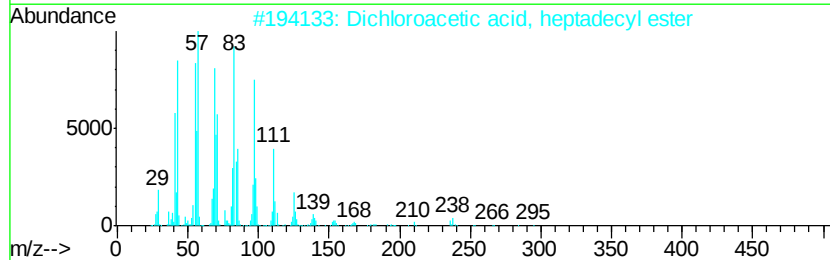
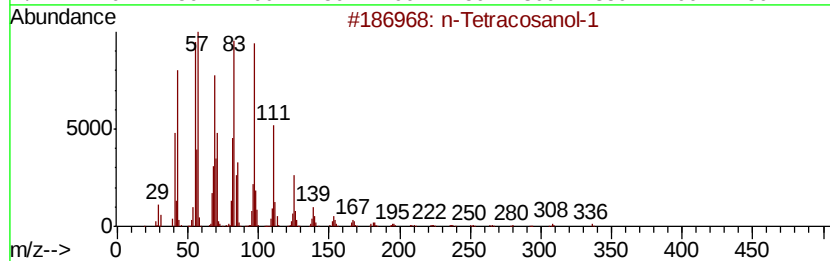
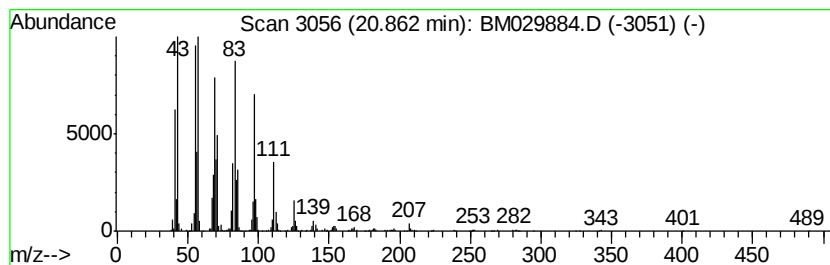
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	7.57 ng/ul	978440	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	91



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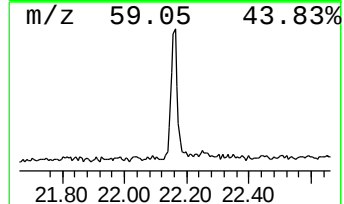
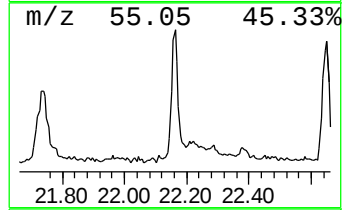
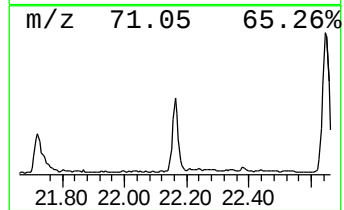
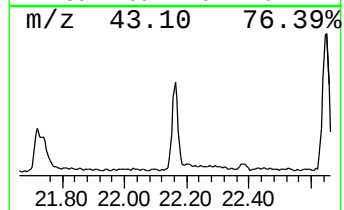
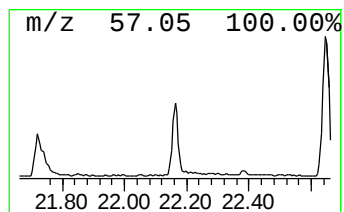
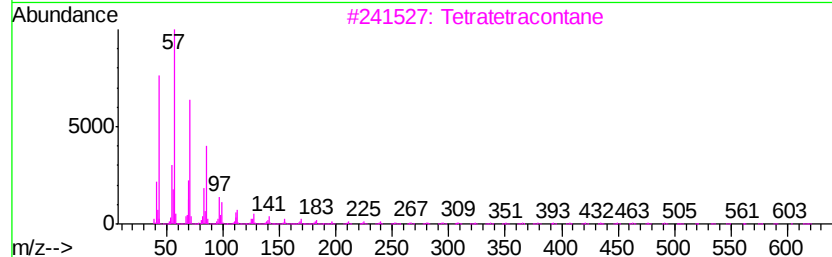
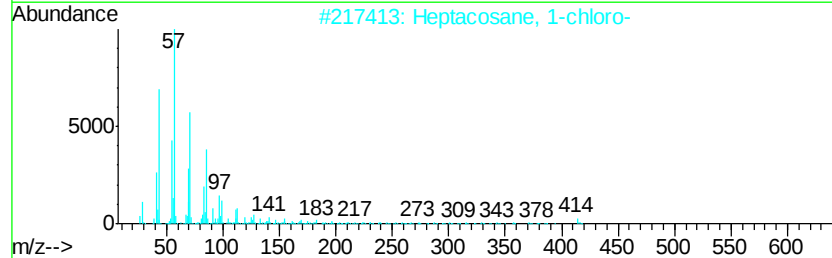
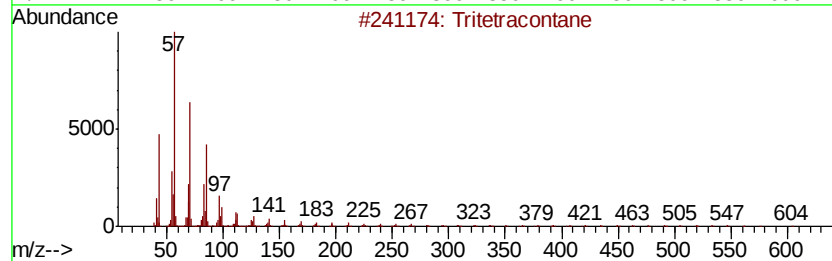
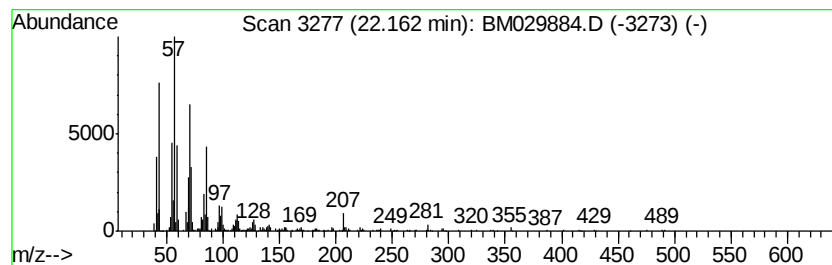
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.40 ng/ul	310021	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	60
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	60
3		Tetratetracontane	619	C44H90	007098-22-8	60
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53



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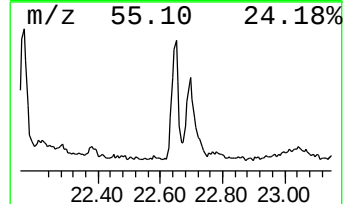
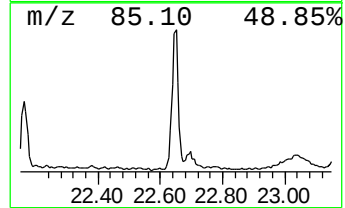
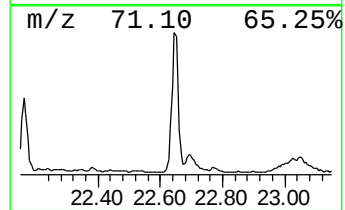
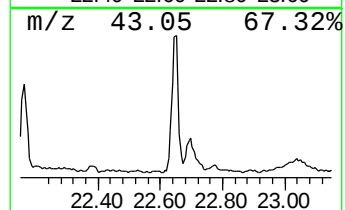
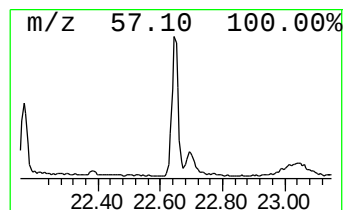
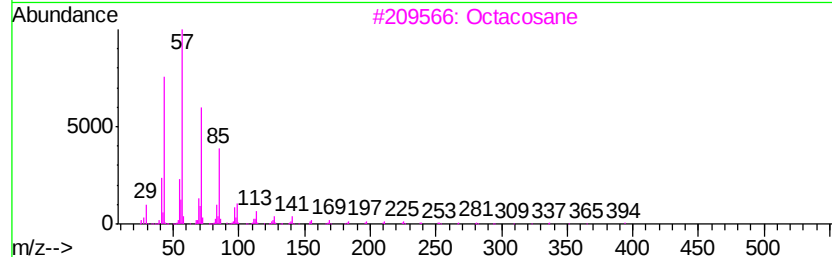
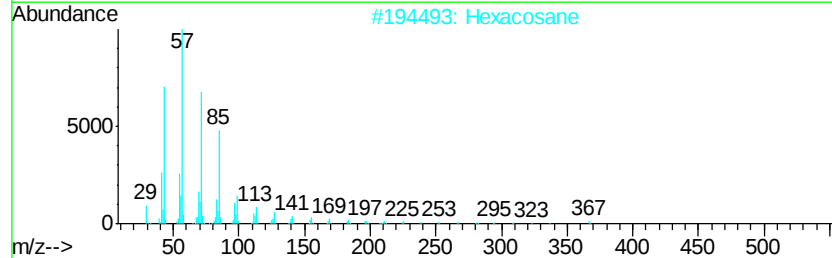
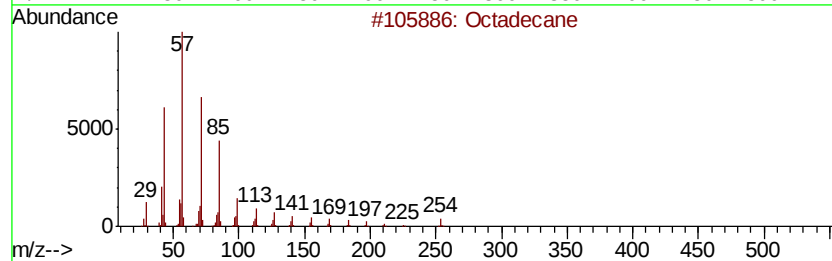
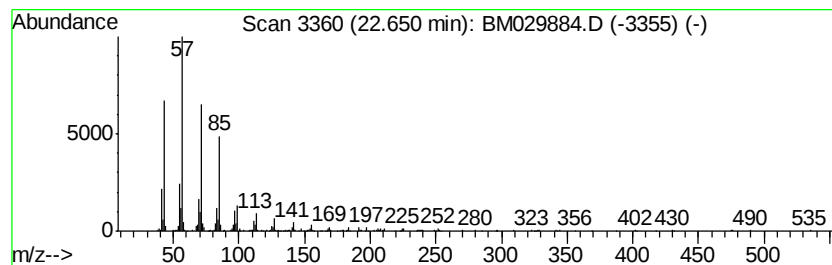
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	2.90 ng/ul	374449	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029884.D
Acq On : 07 May 2021 20:21
Operator : CG/JU
Sample : M2129-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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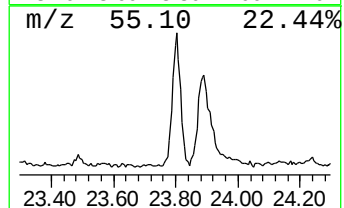
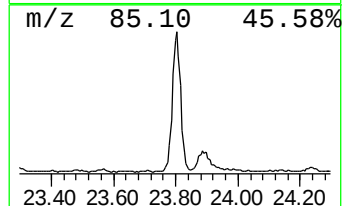
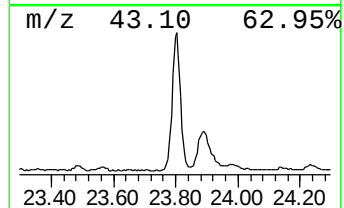
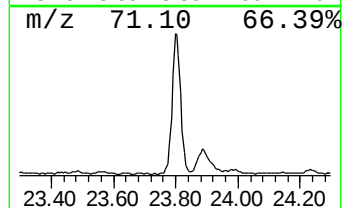
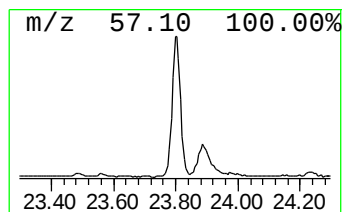
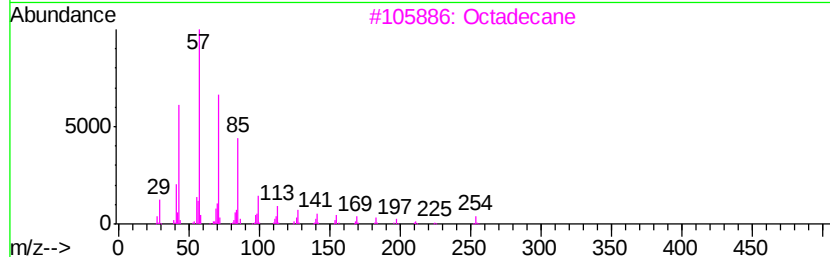
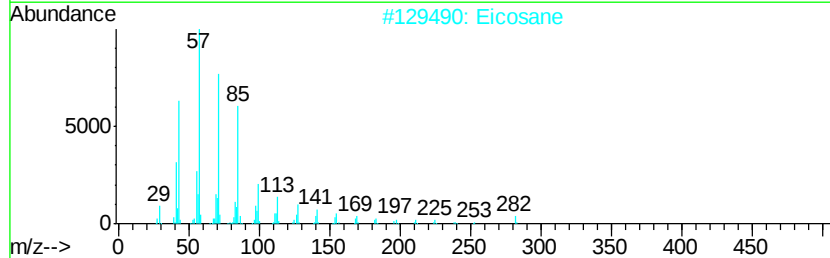
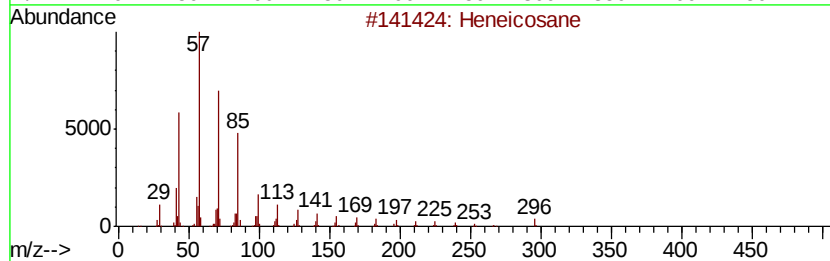
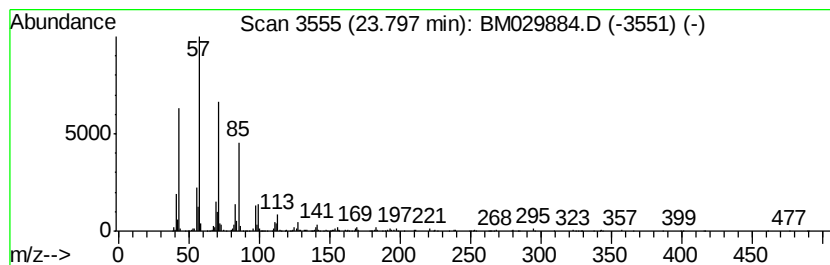
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	4.59 ng/ul	593674	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Eicosane	282	C20H42	000112-95-8	95
3		Octadecane	254	C18H38	000593-45-3	95
4		Octadecane	254	C18H38	000593-45-3	93
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029884.D
Acq On : 07 May 2021 20:21
Operator : CG/JU
Sample : M2129-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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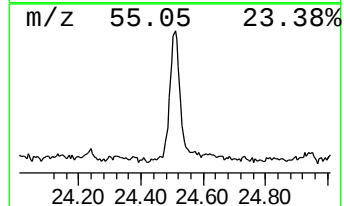
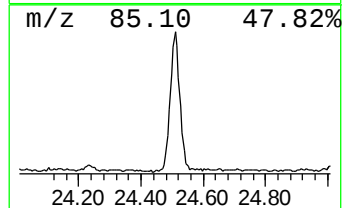
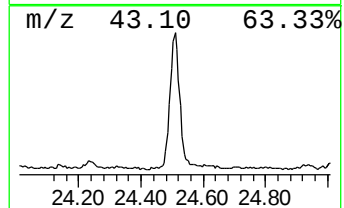
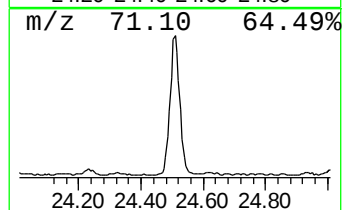
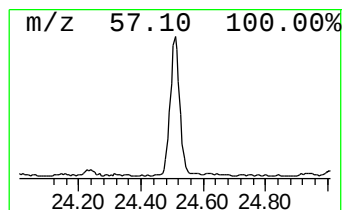
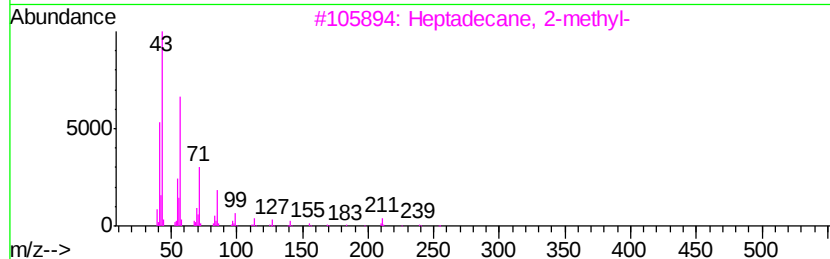
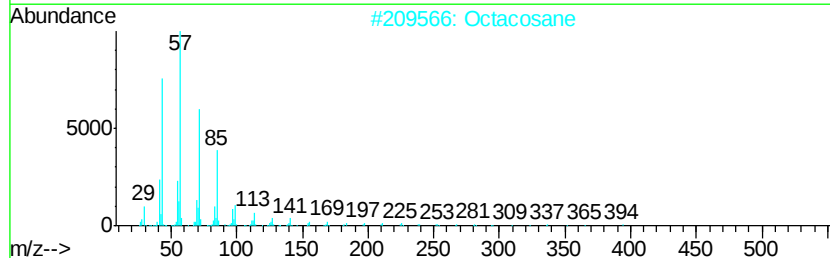
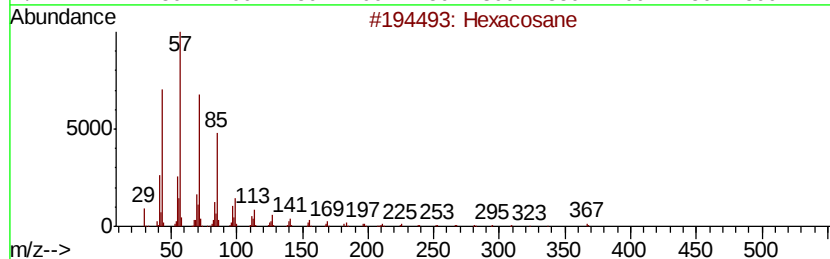
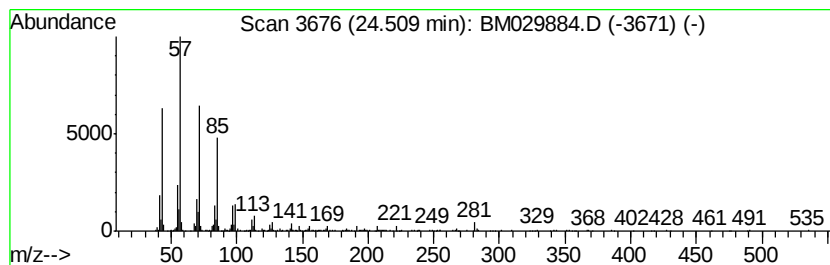
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.51	3.83 ng/ul	494931	Perylene-d12	23.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	87
2			Octacosane	394	C28H58	000630-02-4	87
3			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	70
4			Hexatriacontane	507	C36H74	000630-06-8	68
5			Heneicosane	296	C21H44	000629-94-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050721\
Data File : BM029884.D
Acq On : 07 May 2021 20:21
Operator : CG/JU
Sample : M2129-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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	17.86	2.6	ng/ul	275518	4	16.95	2141460	20.0
n-Tetracosanol-1	20.86	7.6	ng/ul	978440	5	21.14	2586120	20.0
(DEL) Alkane: Str...	22.16	2.4	ng/ul	310021	5	21.14	2586120	20.0
(DEL) Alkane: Str...	22.65	2.9	ng/ul	374449	6	23.29	2585000	20.0
(DEL) Alkane: Str...	23.80	4.6	ng/ul	593674	6	23.29	2585000	20.0
(DEL) Alkane: Str...	24.51	3.8	ng/ul	494931	6	23.29	2585000	20.0