

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 Data File : BM024521.D
 Acq On : 18 Jan 2020 06:29
 Operator : JU
 Sample : L1169-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF765

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	3.063	26	30	33	rBV	41021	56624	0.73%	0.076%
2	3.093	33	35	45	rVB	30883	43565	0.56%	0.059%
3	3.681	130	135	139	rBV6	11394	18032	0.23%	0.024%
4	3.757	145	148	157	rBV4	8333	13930	0.18%	0.019%
5	4.657	297	301	304	rVB3	5719	7852	0.10%	0.011%
6	6.645	633	639	655	rVB2	231654	463612	5.96%	0.624%
7	6.804	660	666	678	rBV	626781	942263	12.12%	1.269%
8	6.998	692	699	707	rBV	793841	1230317	15.82%	1.656%
9	7.457	771	777	787	rBV	891403	1356117	17.44%	1.826%
10	8.163	891	897	904	rBV	698661	1088507	14.00%	1.465%
11	8.222	904	907	911	rVB2	11632	17732	0.23%	0.024%
12	8.592	959	970	982	rBV	932251	1503367	19.33%	2.024%
13	8.957	1028	1032	1037	rBV3	6450	9145	0.12%	0.012%
14	9.098	1050	1056	1061	rVB2	24722	35980	0.46%	0.048%
15	9.310	1083	1092	1104	rBV	843344	1355400	17.43%	1.825%
16	9.845	1176	1183	1196	rBV	1332341	2158383	27.75%	2.906%
17	10.216	1238	1246	1255	rBV	1260308	2060356	26.49%	2.774%
18	10.351	1262	1269	1288	rBV	1174638	1990419	25.59%	2.680%
19	10.851	1350	1354	1361	rBV5	3869	8733	0.11%	0.012%
20	11.192	1405	1412	1418	rVB6	3592	8285	0.11%	0.011%
21	11.810	1511	1517	1523	rBV	22515	34705	0.45%	0.047%
22	13.404	1785	1788	1795	rVB7	4105	8724	0.11%	0.012%
23	13.527	1802	1809	1814	rBV	2923493	3872384	49.79%	5.213%
24	13.574	1814	1817	1824	rVB	272562	345616	4.44%	0.465%
25	13.792	1846	1854	1869	rBV	2839008	4286555	55.12%	5.771%
26	14.104	1900	1907	1918	rVB	2320059	3269215	42.04%	4.401%
27	14.192	1918	1922	1928	rVB7	6606	11542	0.15%	0.016%
28	14.251	1928	1932	1936	rBV4	5326	9595	0.12%	0.013%
29	14.315	1936	1943	1949	rBV	220156	356022	4.58%	0.479%
30	14.874	2034	2038	2043	rBV6	10597	14147	0.18%	0.019%
31	14.951	2048	2051	2056	rVB7	5812	10682	0.14%	0.014%
32	15.021	2059	2063	2066	rVB5	8208	10689	0.14%	0.014%
33	15.104	2070	2077	2090	rBV	3876007	5491410	70.61%	7.393%
34	15.221	2092	2097	2110	rVV	921245	1263263	16.24%	1.701%

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35	15.345	2113	2118	2125	rVB2	50648	83151	1.07%	0.112%
36	15.451	2132	2136	2138	rVB5	8879	12276	0.16%	0.017%
37	15.574	2154	2157	2161	rVB6	10450	14534	0.19%	0.020%
38	15.815	2197	2198	2206	rVB6	8056	12869	0.17%	0.017%
39	15.892	2206	2211	2215	rBV5	22793	38744	0.50%	0.052%
40	16.221	2263	2267	2272	rVV7	37453	55794	0.72%	0.075%
41	16.286	2275	2278	2280	rVV4	15279	22815	0.29%	0.031%
42	16.315	2280	2283	2286	rVV4	22645	31784	0.41%	0.043%
43	16.374	2289	2293	2299	rVB8	12955	20705	0.27%	0.028%
44	16.504	2310	2315	2319	rBV2	31239	45945	0.59%	0.062%
45	16.639	2333	2338	2341	rBV4	18640	31297	0.40%	0.042%
46	16.674	2342	2344	2349	rVB6	14707	15780	0.20%	0.021%
47	16.804	2363	2366	2369	rBV4	26968	36103	0.46%	0.049%
48	16.851	2369	2374	2384	rVV	2924454	4097510	52.69%	5.516%
49	16.951	2385	2391	2403	rVV	4676217	6319307	81.25%	8.507%
50	17.045	2403	2407	2413	rVB8	27844	44963	0.58%	0.061%
51	17.227	2434	2438	2445	rVB7	38328	54033	0.69%	0.073%
52	17.292	2445	2449	2454	rVB7	13466	21651	0.28%	0.029%
53	17.792	2529	2534	2542	rBV	365837	564724	7.26%	0.760%
54	18.227	2606	2608	2612	rBV4	9566	10432	0.13%	0.014%
55	18.609	2670	2673	2676	rBV5	9740	15300	0.20%	0.021%
56	18.656	2679	2681	2687	rVB7	13277	20635	0.27%	0.028%
57	18.886	2716	2720	2725	rBV	70172	82537	1.06%	0.111%
58	19.086	2750	2754	2759	rBV3	129099	184565	2.37%	0.248%
59	19.139	2759	2763	2768	rVB	56818	91567	1.18%	0.123%
60	19.256	2776	2783	2793	rBV	5980604	7777224	100.00%	10.470%
61	19.827	2877	2880	2885	rVB6	32187	34106	0.44%	0.046%
62	20.086	2920	2924	2930	rBV3	80442	99526	1.28%	0.134%
63	20.815	3044	3048	3053	rBV	1041734	1203389	15.47%	1.620%
64	21.056	3084	3089	3097	rBV	3902451	4958325	63.75%	6.675%
65	21.268	3121	3125	3130	rBV2	133251	159330	2.05%	0.214%
66	21.691	3193	3197	3203	rBV2	230454	293844	3.78%	0.396%
67	22.127	3268	3271	3281	rVB	300057	421345	5.42%	0.567%
68	22.609	3349	3353	3365	rVB	360710	511824	6.58%	0.689%
69	23.044	3420	3427	3437	rVB	4255342	7188090	92.42%	9.677%
70	23.174	3439	3449	3458	rVB	2577648	5069822	65.19%	6.825%
71	23.738	3541	3545	3551	rVV	288256	506297	6.51%	0.682%

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72	23.809	3553	3557	3567	rVB3	200714	388985	5.00%	0.524%
73	24.432	3659	3663	3670	rVB2	211316	387160	4.98%	0.521%

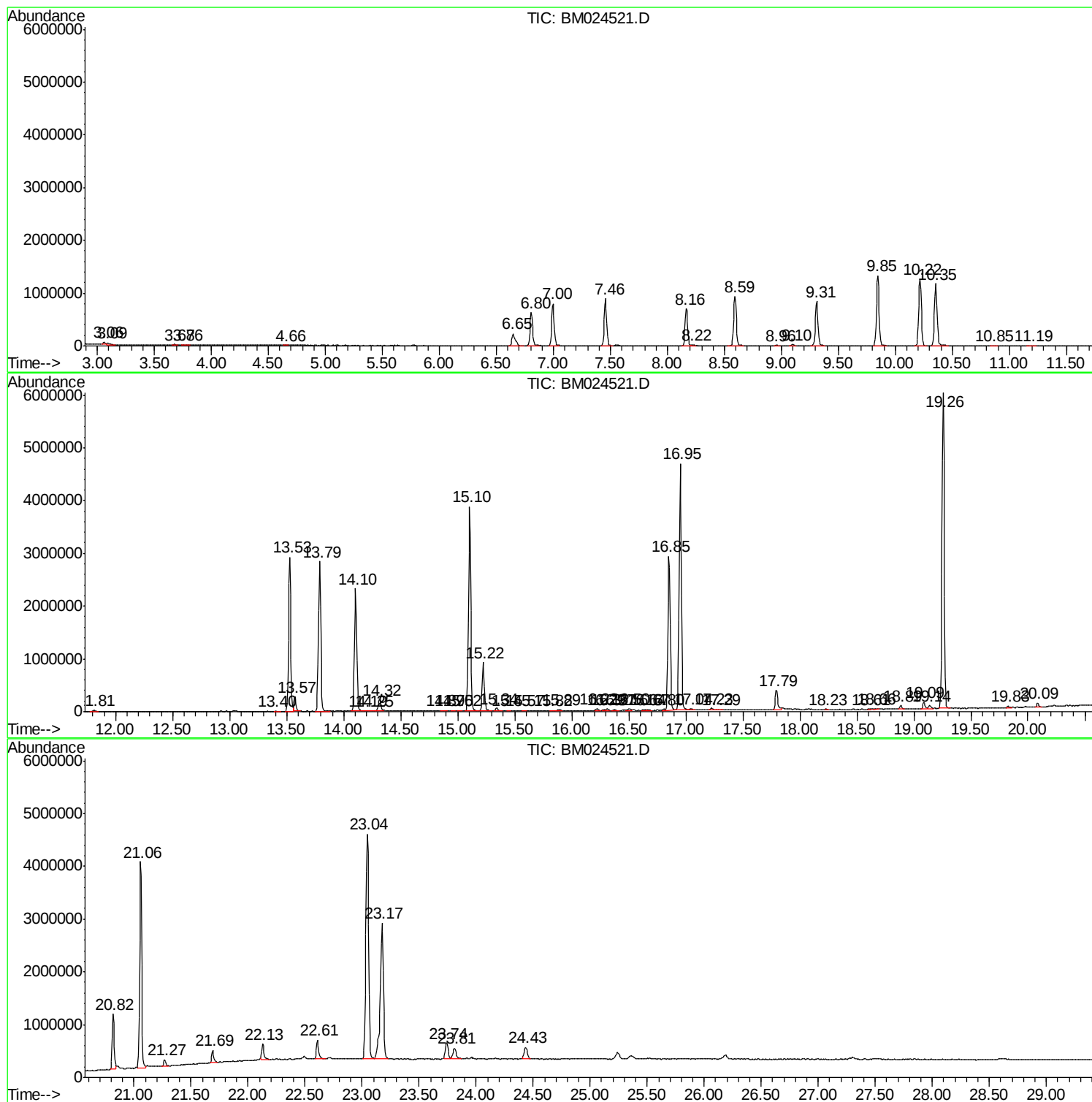
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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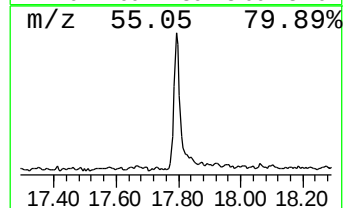
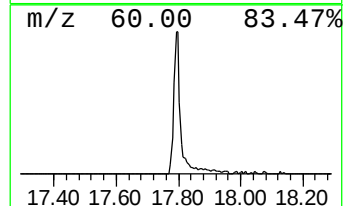
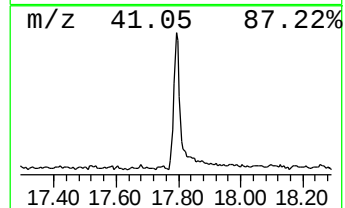
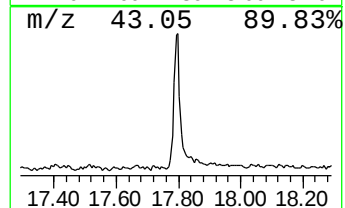
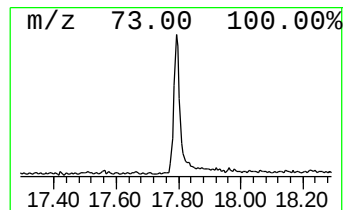
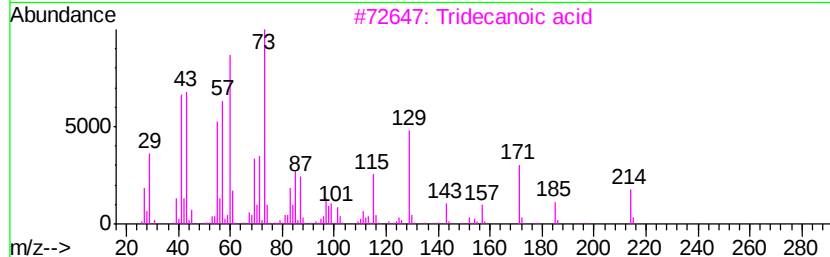
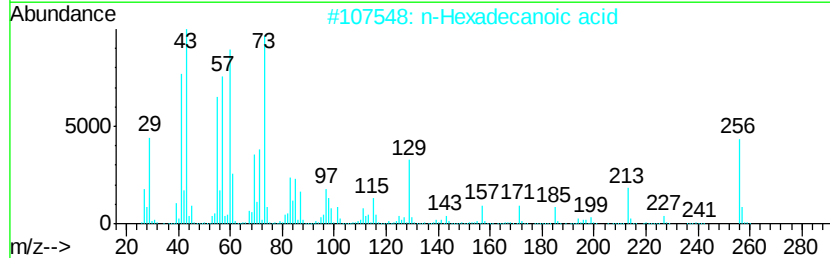
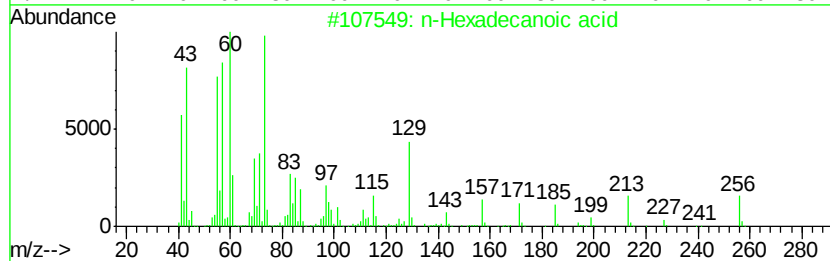
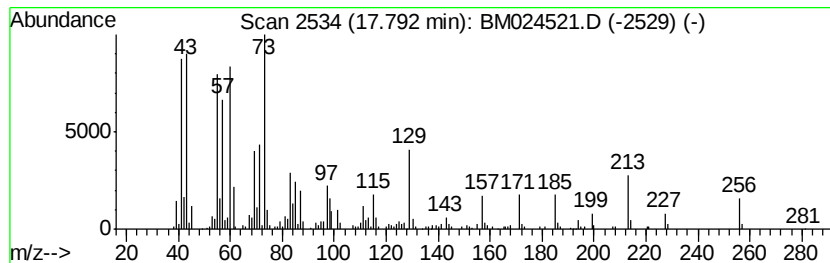
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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	2.76 ng/ul	564724	Phenanthrene-d10	16.85		
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	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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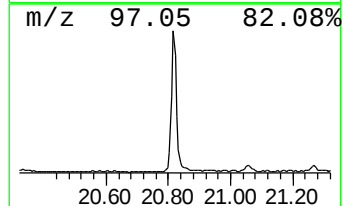
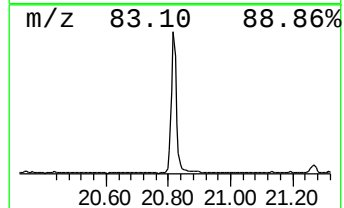
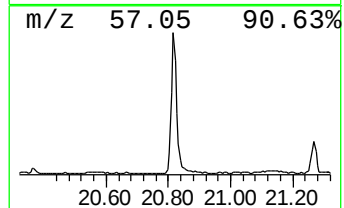
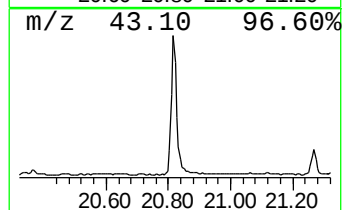
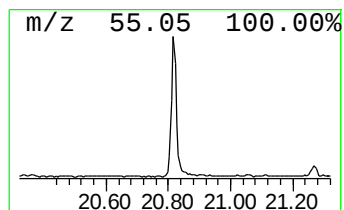
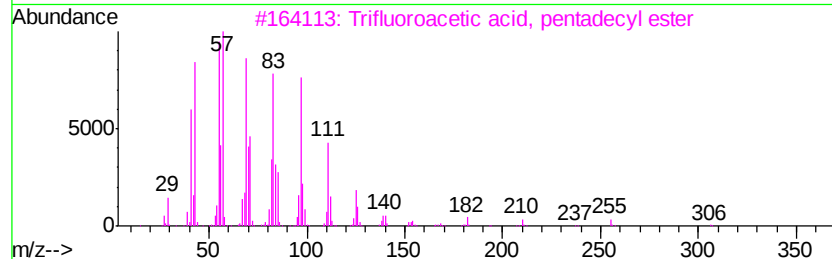
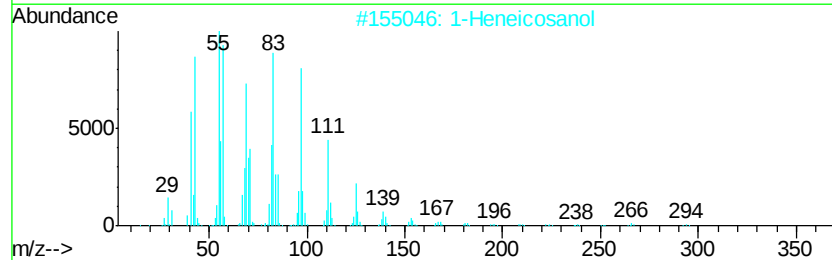
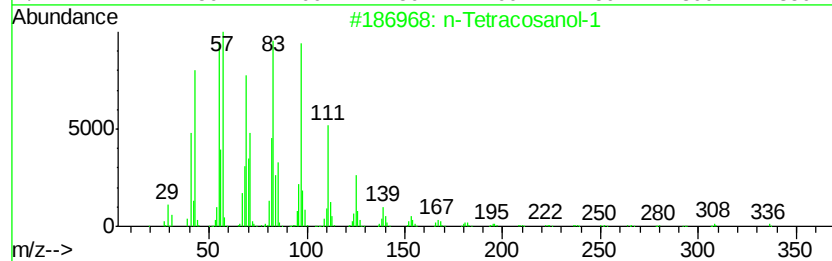
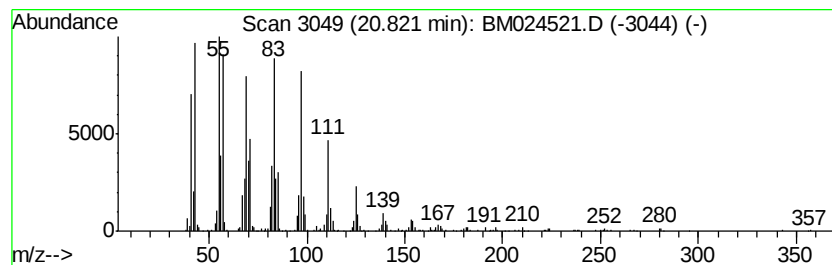
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	4.85 ng/ul	1203390	Chrysene-d12	21.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	95
2	1-Heneicosanol	312 C21H44O	015594-90-8	95
3	Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2	94
4	Trifluoroacetoxv hexadecane	338 C18H33F3O2	006222-03-3	94
5	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	94



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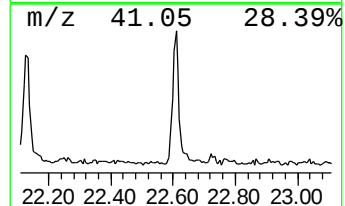
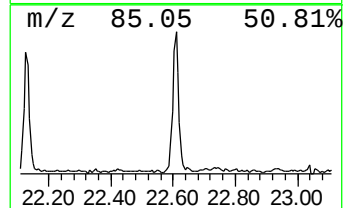
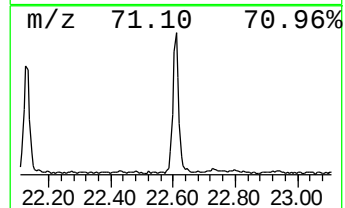
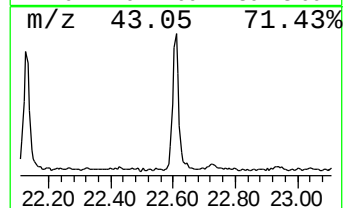
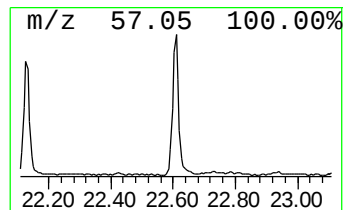
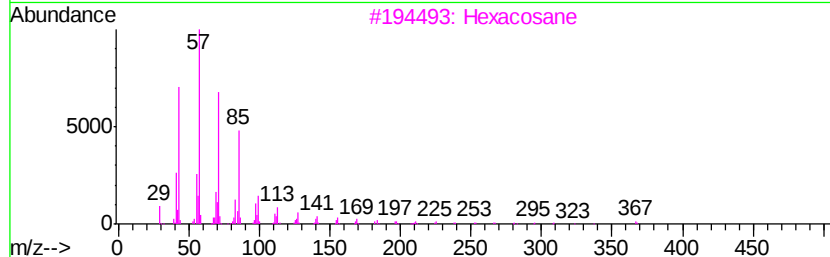
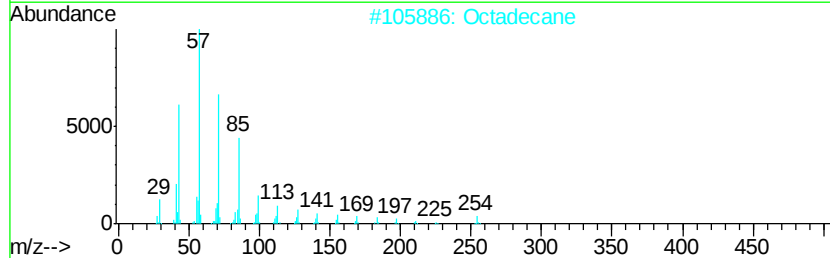
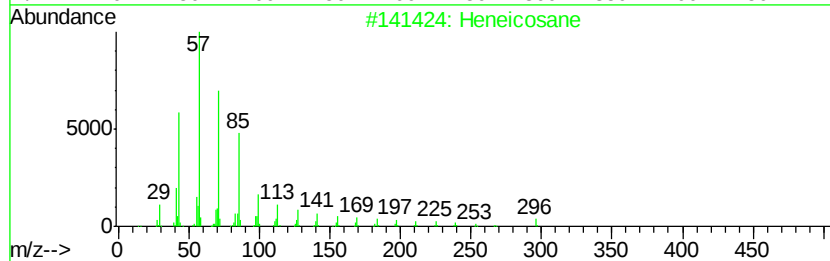
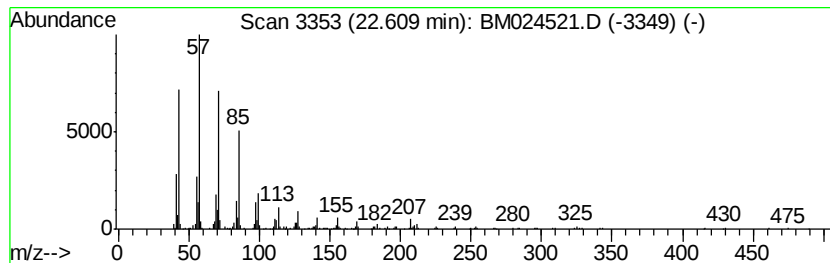
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	2.02 ng/ul	511824	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Octadecane	254	C18H38	000593-45-3	93
3		Hexacosane	366	C26H54	000630-01-3	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	2.8	ng/ul	564724	4	16.85	4097510	20.0
n-Tetracosanol-1	20.82	4.8	ng/ul	1203390	5	21.06	4958330	20.0
(DEL) Alkane: Str...	22.61	2.0	ng/ul	511824	6	23.17	5069820	20.0