

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014748.D
 Acq On : 19 Apr 2018 23:53
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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	3.675	11	15	22	rVB	79828	122805	1.92%	0.159%
2	4.263	112	115	123	rVB2	42971	65403	1.02%	0.084%
3	4.751	194	198	204	rVB	74636	106160	1.66%	0.137%
4	5.204	270	275	281	rVB	52902	87824	1.37%	0.113%
5	5.522	322	329	341	rVB2	90997	172356	2.69%	0.223%
6	7.663	686	693	704	rBV	1246442	2129167	33.27%	2.750%
7	7.845	717	724	737	rBV	977839	1558021	24.35%	2.012%
8	8.063	754	761	768	rBV	1273891	2059586	32.19%	2.660%
9	8.545	836	843	857	rVB	1284565	2123767	33.19%	2.743%
10	9.239	953	961	973	rBV	1445752	2379194	37.18%	3.073%
11	9.728	1036	1044	1051	rBV	1144316	1960192	30.63%	2.532%
12	10.457	1159	1168	1178	rBV	888740	1502460	23.48%	1.940%
13	10.992	1252	1259	1271	rBV	1462425	2469375	38.59%	3.189%
14	11.392	1319	1327	1334	rBV	1755560	3031064	47.37%	3.915%
15	11.510	1340	1347	1358	rBV	1300806	2257967	35.29%	2.916%
16	14.533	1853	1861	1866	rBV	2466466	3372173	52.70%	4.355%
17	14.580	1866	1869	1874	rVB	348295	465419	7.27%	0.601%
18	14.845	1907	1914	1926	rBV	2842972	4235007	66.18%	5.469%
19	14.998	1935	1940	1945	rVB	171153	211930	3.31%	0.274%
20	15.145	1958	1965	1973	rVB2	2477771	3764756	58.83%	4.862%
21	15.298	1985	1991	2001	rBV	902273	1306460	20.42%	1.687%
22	15.933	2094	2099	2104	rVB	239170	302450	4.73%	0.391%
23	16.121	2124	2131	2137	rBV	3626238	5098575	79.68%	6.585%
24	16.215	2141	2147	2158	rVB	727915	1020584	15.95%	1.318%
25	16.333	2160	2167	2170	rBV2	53314	120063	1.88%	0.155%
26	16.780	2239	2243	2247	rBV	195609	280617	4.39%	0.362%
27	17.562	2372	2376	2382	rBV	98702	128541	2.01%	0.166%
28	17.856	2419	2426	2431	rBV	2907272	4216492	65.89%	5.446%
29	17.898	2431	2433	2437	rVV	112688	138570	2.17%	0.179%
30	17.951	2437	2442	2452	rVB2	3438017	5193675	81.16%	6.708%
31	18.568	2542	2547	2551	rBV5	39152	67579	1.06%	0.087%
32	18.627	2553	2557	2561	rBV	94491	124095	1.94%	0.160%
33	18.680	2561	2566	2575	rBV	738420	1074678	16.79%	1.388%
34	19.515	2705	2708	2714	rBV6	44605	72777	1.14%	0.094%

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35	19.827	2755	2761	2763	rBV3	69092	142162	2.22%	0.184%
36	19.856	2763	2766	2772	rVB	291484	386301	6.04%	0.499%
37	19.921	2773	2777	2783	rBV	286259	400158	6.25%	0.517%
38	20.186	2817	2822	2833	rBV	4212916	6175197	96.50%	7.975%
39	21.592	3058	3061	3069	rBV	995762	1223030	19.11%	1.580%
40	21.939	3115	3120	3125	rBV	3249516	4467435	69.81%	5.770%
41	22.815	3266	3269	3275	rVB	361587	454426	7.10%	0.587%
42	24.280	3511	3518	3536	rVB2	2750731	6399122	100.00%	8.264%
43	24.438	3539	3545	3560	rVB2	2041728	4562653	71.30%	5.893%

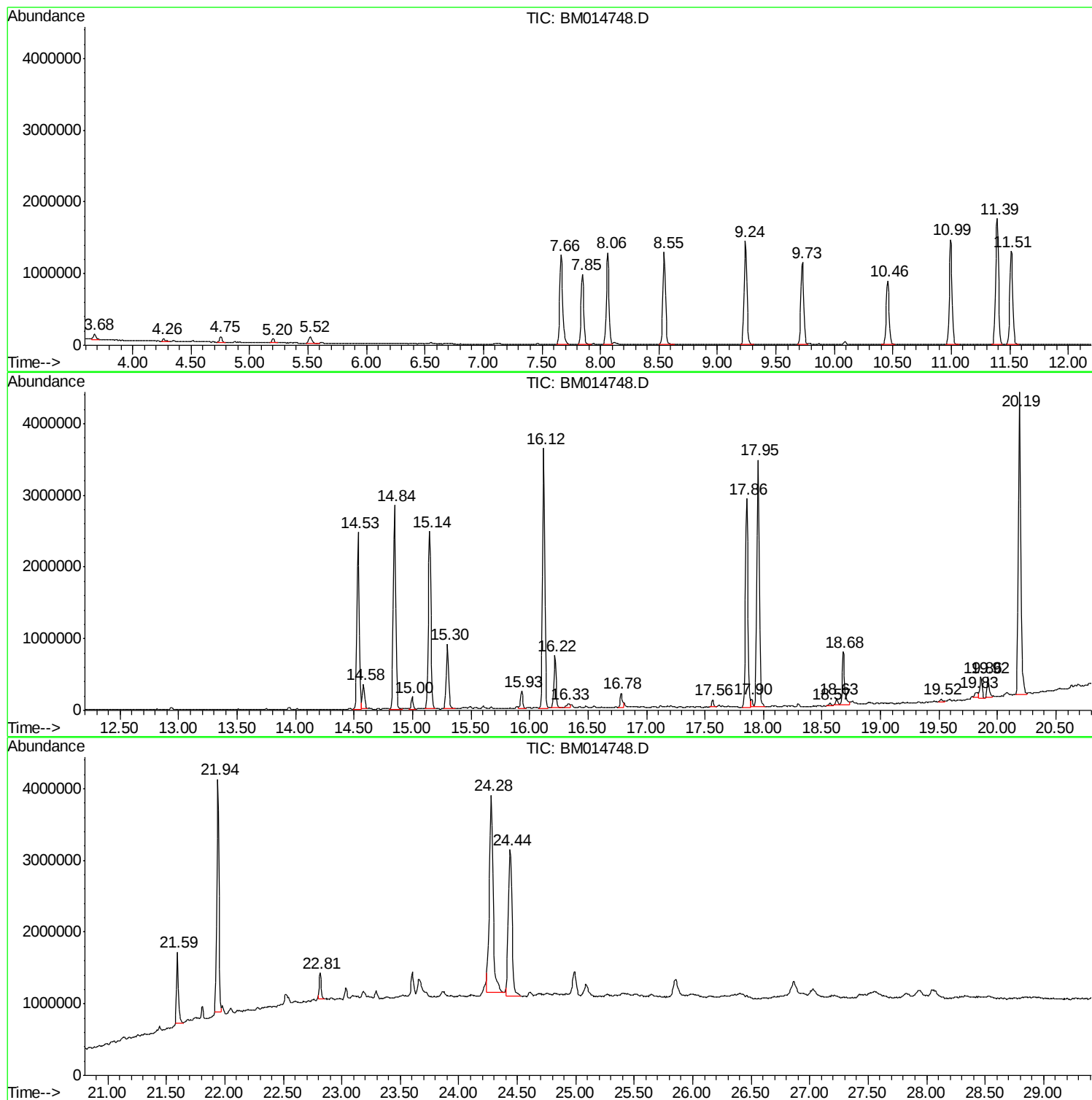
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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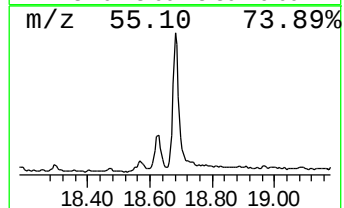
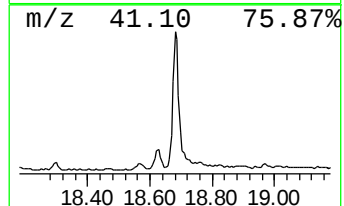
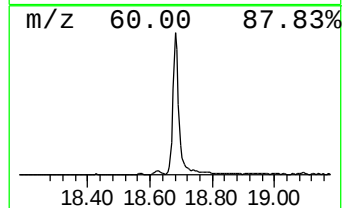
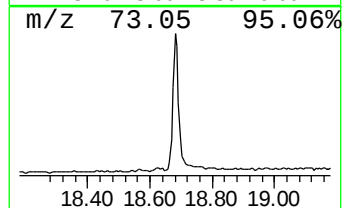
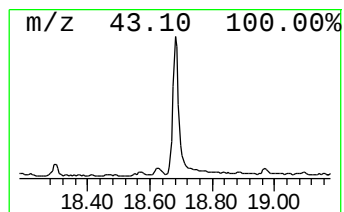
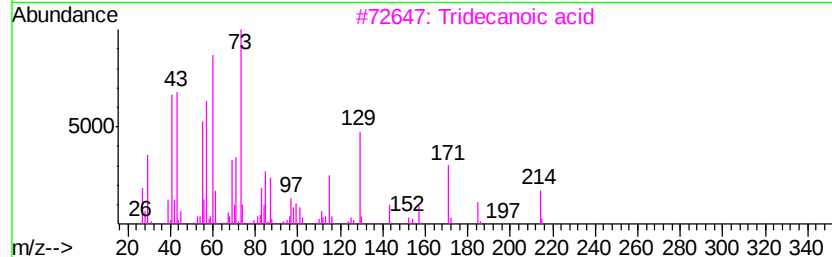
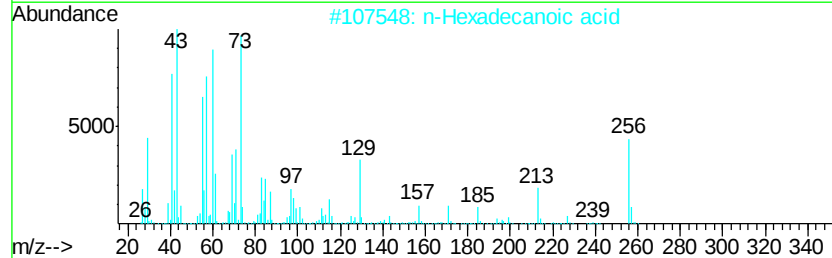
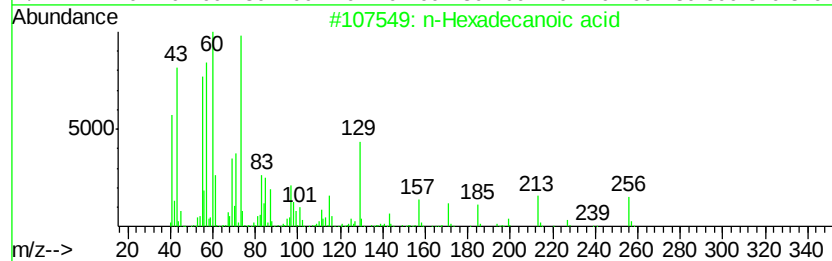
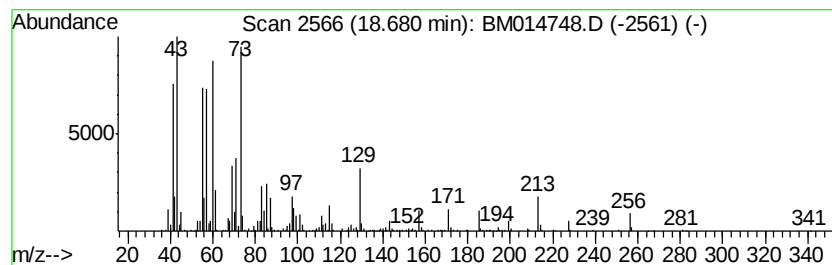
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.68	5.10 ng/ul	1074680	Phenanthrene-d10	17.86		
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	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	93



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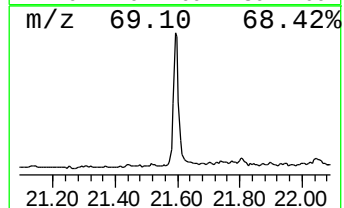
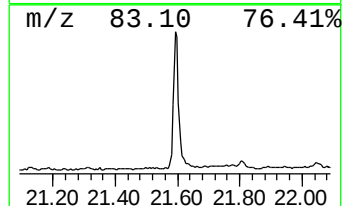
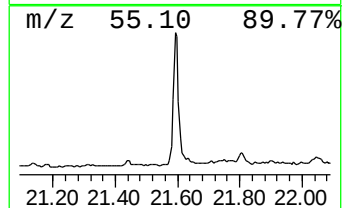
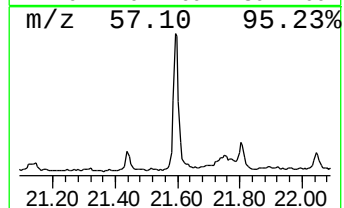
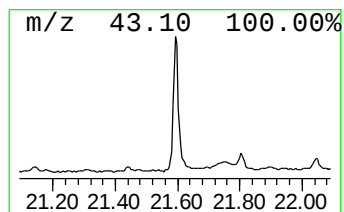
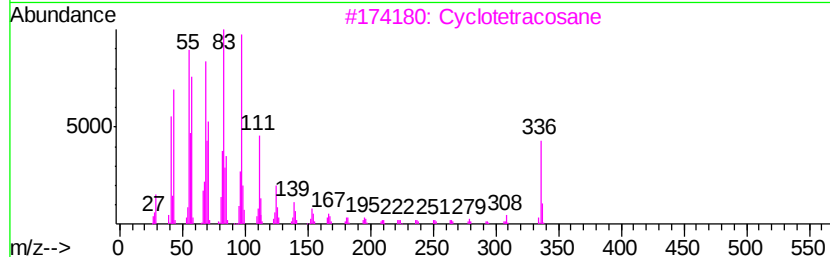
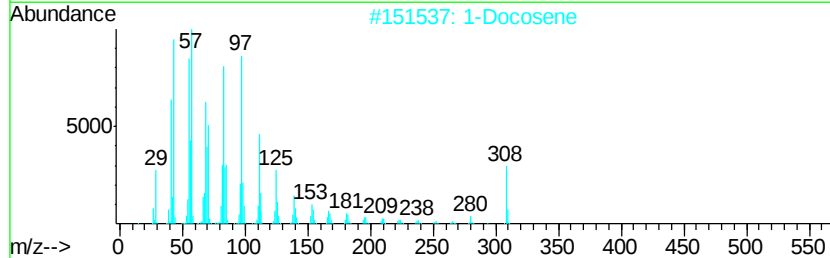
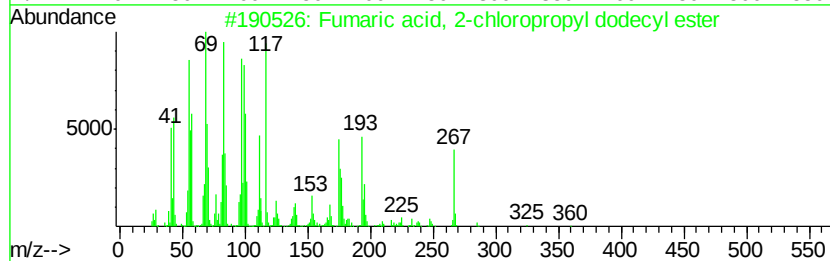
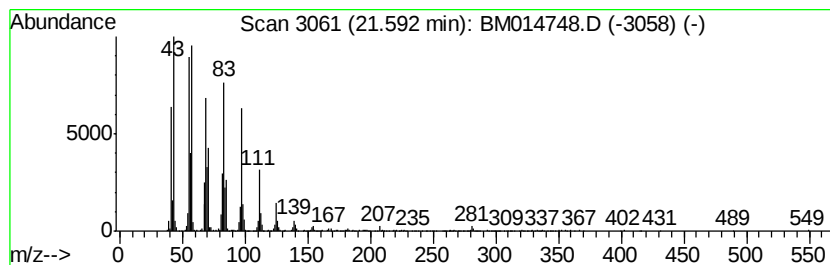
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Peak Number 2 Fumaric acid, 2-chloropropyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	5.48 ng/ul	1223030	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, 2-chloropropyl dod...	360	C19H33ClO4	1000348-57-0	96
2		1-Docosene	308	C22H44	001599-67-3	95
3		Cyclotetracosane	336	C24H48	000297-03-0	95
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	94



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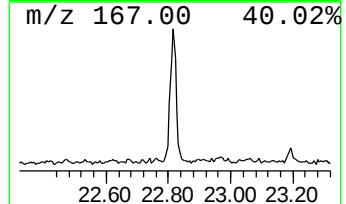
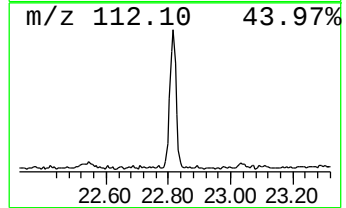
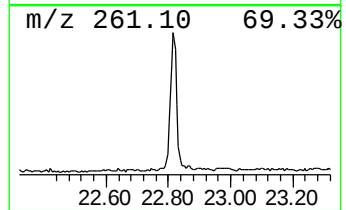
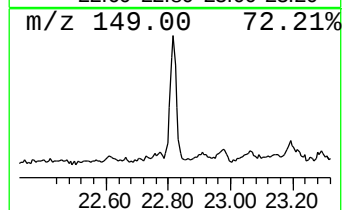
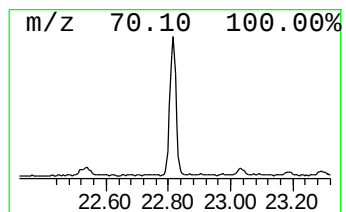
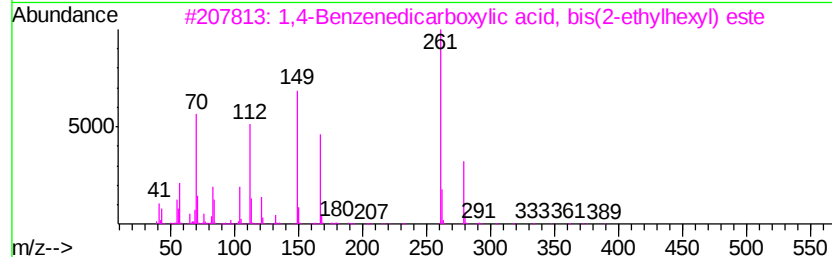
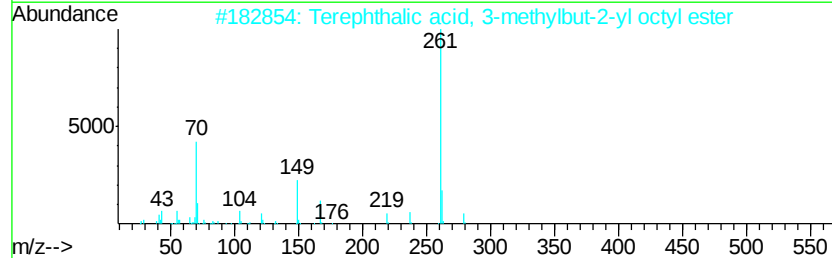
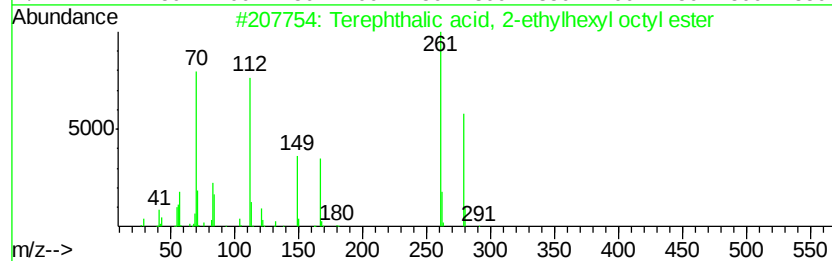
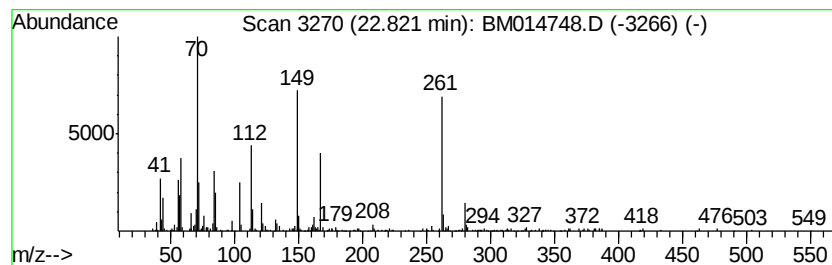
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Peak Number 3 Terephthalic acid, 2-ethylh... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.03 ng/ul	454426	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	50
2		Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	47
3		1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47
4		Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	27
5		Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	22



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.68	5.1	ng/ul	1074680	4	17.86	4216490	20.0
Fumaric acid, 2-c...	21.59	5.5	ng/ul	1223030	5	21.94	4467440	20.0
Terephthalic acid...	22.82	2.0	ng/ul	454426	5	21.94	4467440	20.0