

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
 Data File : BM014056.D
 Acq On : 01 Feb 2018 04:39
 Operator : SJ/JU
 Sample : J1314-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C54

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-BM013118.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	3.122	19	23	27	rVB4	18269	25916	1.05%	0.097%
2	6.745	634	639	653	rBV	295983	570129	23.05%	2.127%
3	6.910	661	667	678	rBV	247351	415960	16.81%	1.552%
4	7.092	692	698	710	rBV	375134	640494	25.89%	2.390%
5	7.557	771	777	788	rVB	342542	618292	24.99%	2.307%
6	8.275	893	899	916	rBV	395336	759007	30.68%	2.832%
7	8.716	968	974	986	rBV	379940	700171	28.30%	2.613%
8	9.104	1036	1040	1047	rVB3	20194	33735	1.36%	0.126%
9	9.433	1090	1096	1112	rBV2	321507	615199	24.87%	2.296%
10	9.969	1179	1187	1205	rBV	417160	836880	33.83%	3.123%
11	10.333	1241	1249	1260	rBV	499334	847381	34.25%	3.162%
12	10.486	1267	1275	1292	rBV	340949	767790	31.03%	2.865%
13	13.633	1802	1810	1815	rBV	902642	1331438	53.82%	4.968%
14	13.686	1815	1819	1826	rVB	134860	247754	10.01%	0.924%
15	13.904	1850	1856	1863	rBV	1108599	1568385	63.40%	5.852%
16	14.121	1887	1893	1900	rBV3	39584	64279	2.60%	0.240%
17	14.215	1900	1909	1922	rVB2	758343	1188106	48.02%	4.433%
18	14.468	1944	1952	1963	rBV4	116602	331871	13.41%	1.238%
19	14.745	1993	1999	2004	rVB6	14771	25309	1.02%	0.094%
20	15.074	2050	2055	2061	rBV2	58153	77992	3.15%	0.291%
21	15.215	2073	2079	2092	rBV	1314927	1919978	77.61%	7.164%
22	15.368	2098	2105	2117	rBV2	213186	414913	16.77%	1.548%
23	15.945	2198	2203	2210	rBV2	55361	90520	3.66%	0.338%
24	16.968	2371	2377	2386	rBV2	1030354	1474997	59.62%	5.504%
25	17.068	2388	2394	2405	rBV	1391680	2100068	84.89%	7.836%
26	17.874	2526	2531	2540	rBV2	102364	187612	7.58%	0.700%
27	19.174	2747	2752	2757	rBV6	57530	102592	4.15%	0.383%
28	19.374	2778	2786	2795	rBV	1729352	2473981	100.00%	9.232%
29	20.897	3041	3045	3052	rBV4	103298	189636	7.67%	0.708%
30	21.180	3087	3093	3103	rBV	1250700	1756632	71.00%	6.555%
31	22.009	3230	3234	3240	rBV2	251396	324863	13.13%	1.212%
32	23.221	3434	3440	3447	rVB2	1383956	2450280	99.04%	9.143%
33	23.362	3457	3464	3473	rBV	837581	1646770	66.56%	6.145%

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Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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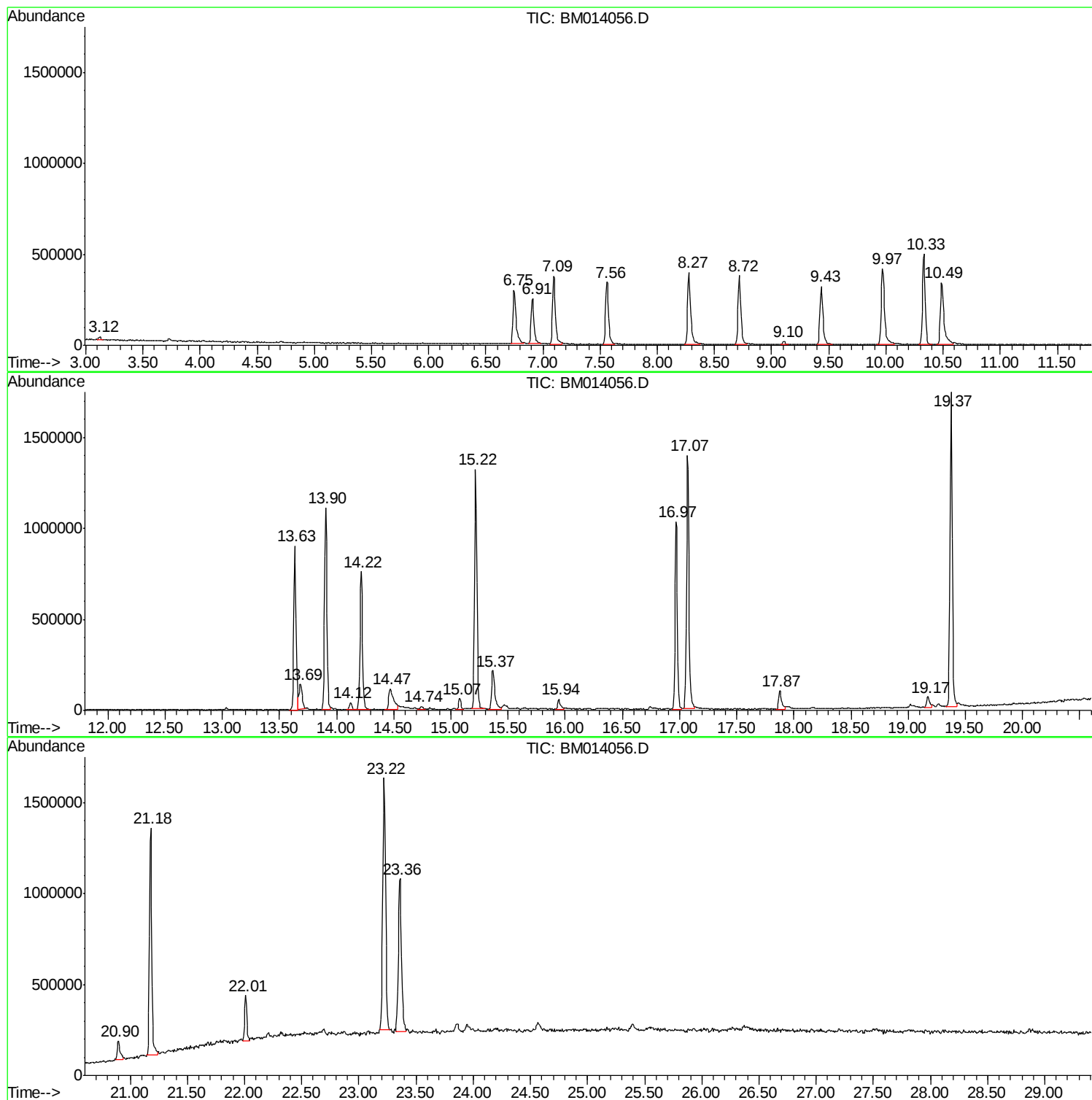
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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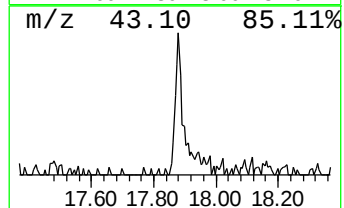
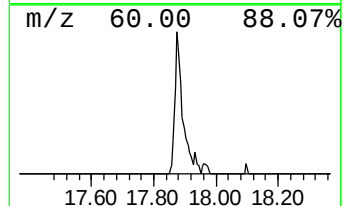
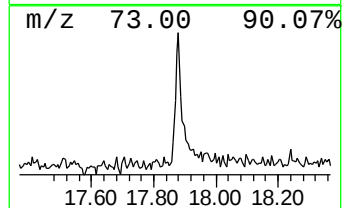
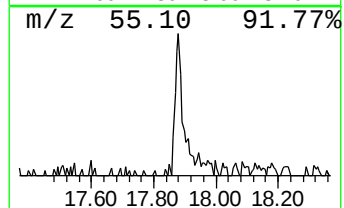
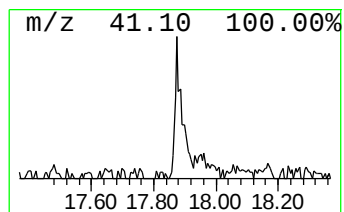
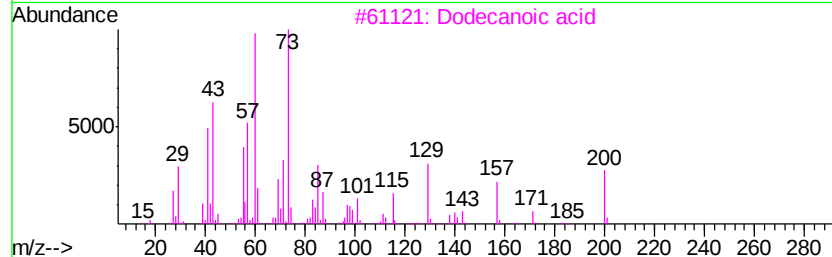
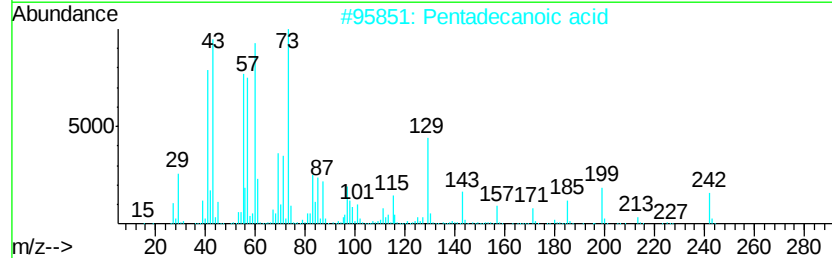
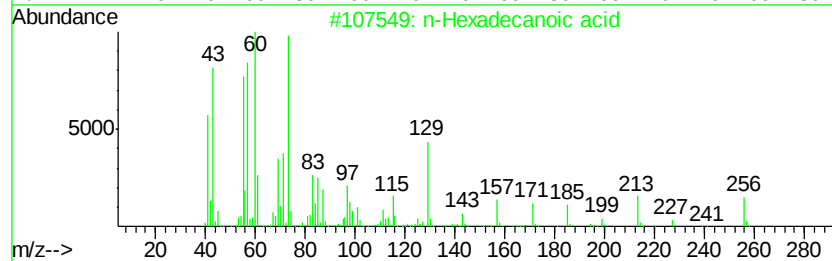
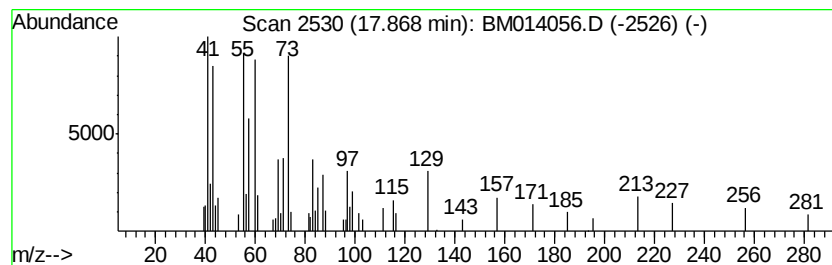
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.54 ng/ul	187612	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	50
3			Dodecanoic acid	200	C12H24O2	000143-07-7	47
4			Tridecanoic acid	214	C13H26O2	000638-53-9	47
5			Nonanoic acid	158	C9H18O2	000112-05-0	46



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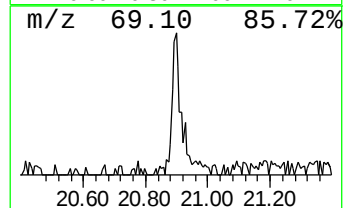
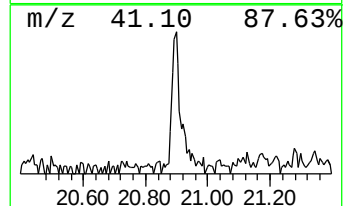
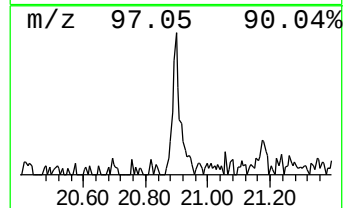
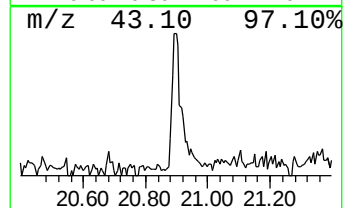
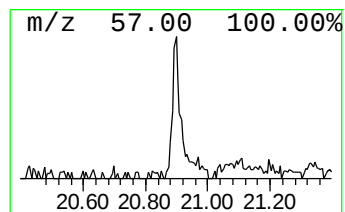
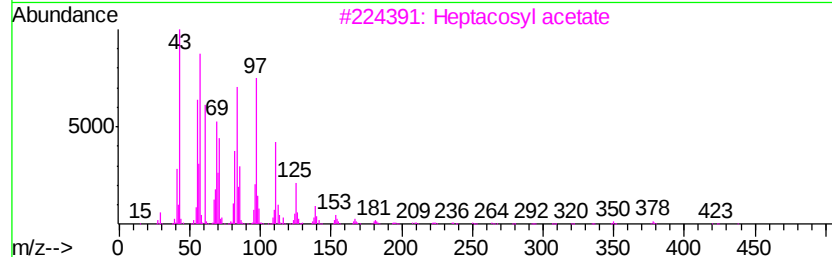
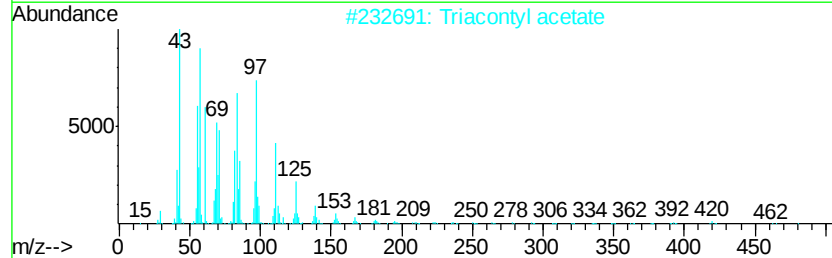
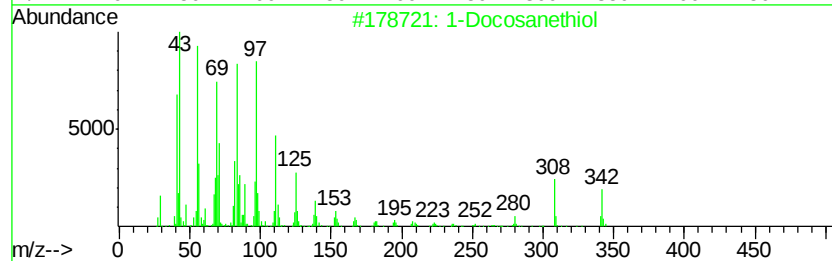
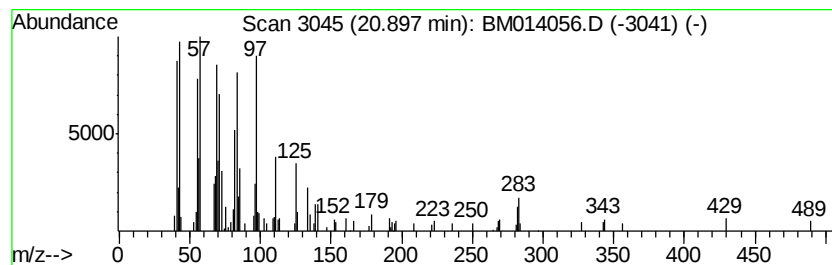
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Peak Number 2 1-Docosanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.16 ng/ul	189636	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosanethiol	342	C22H46S	007773-83-3	80
2		Triacetyl acetate	480	C32H64O2	041755-58-2	64
3		Heptacosyl acetate	438	C29H58O2	1000351-78-2	58
4		1-Triacontanol	438	C30H62O	000593-50-0	58
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	58



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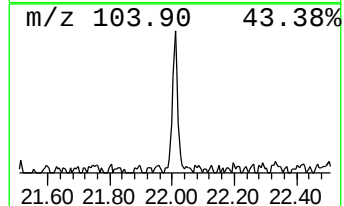
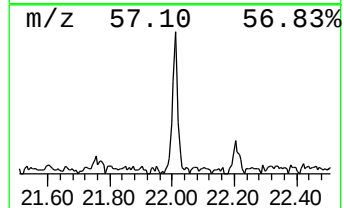
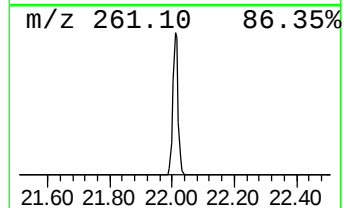
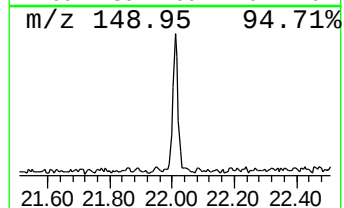
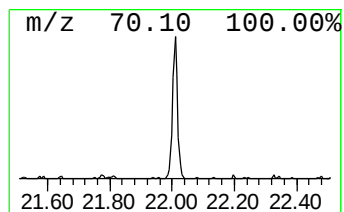
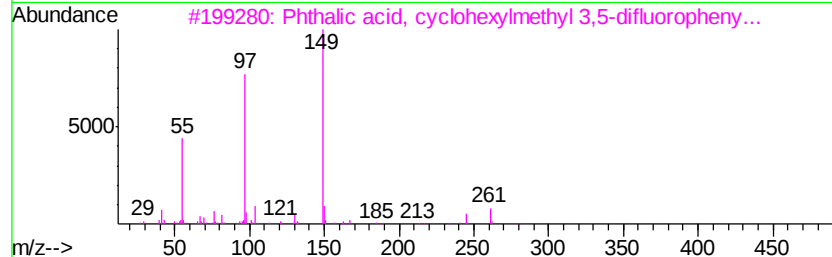
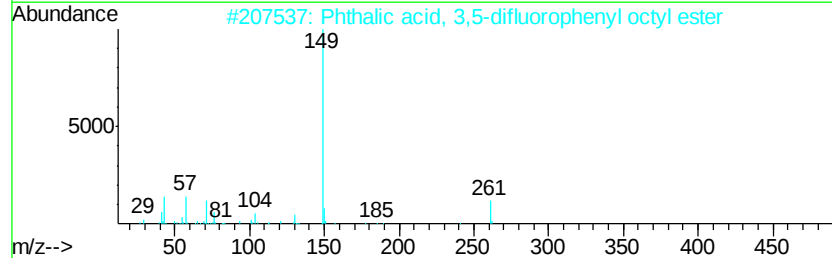
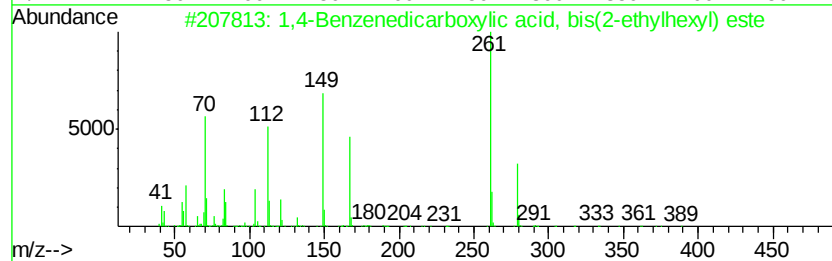
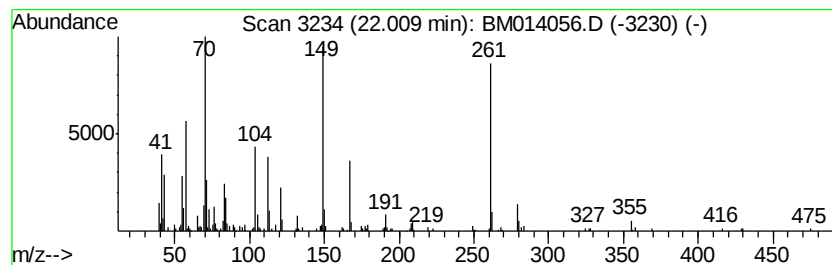
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Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	3.70 ng/ul	324863	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	38
2		Phthalic acid, 3,5-difluoropheny...	390	C22H24F2O4	1000314-96-5	35
3		Phthalic acid, cyclohexylmethy...	374	C21H20F2O4	1000315-61-2	35
4		Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	35
5		Diisooctyl phthalate	390	C24H38O4	000131-20-4	25



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.5	ng/ul	187612	4	16.97	1475000	20.0
1-Docosanethiol	20.90	2.2	ng/ul	189636	5	21.18	1756630	20.0
unknown-01	22.01	3.7	ng/ul	324863	5	21.18	1756630	20.0