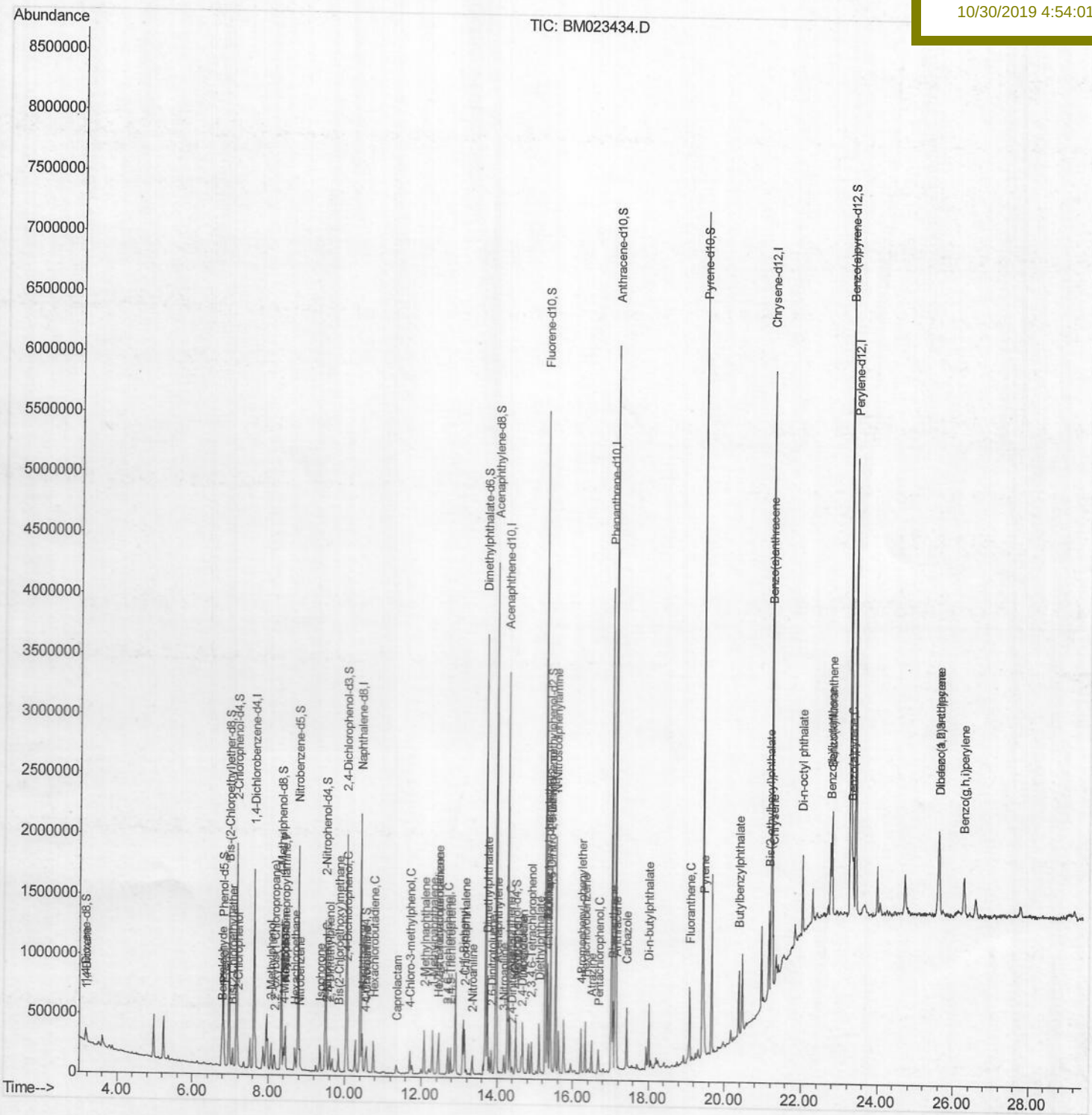
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023434.D
Acq On : 29 Oct 2019 09:58
Operator : JU
Sample : K5423-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 29 18:23:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE4G5

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:01 PM



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Quant Time: Oct 29 18:20:35 2019
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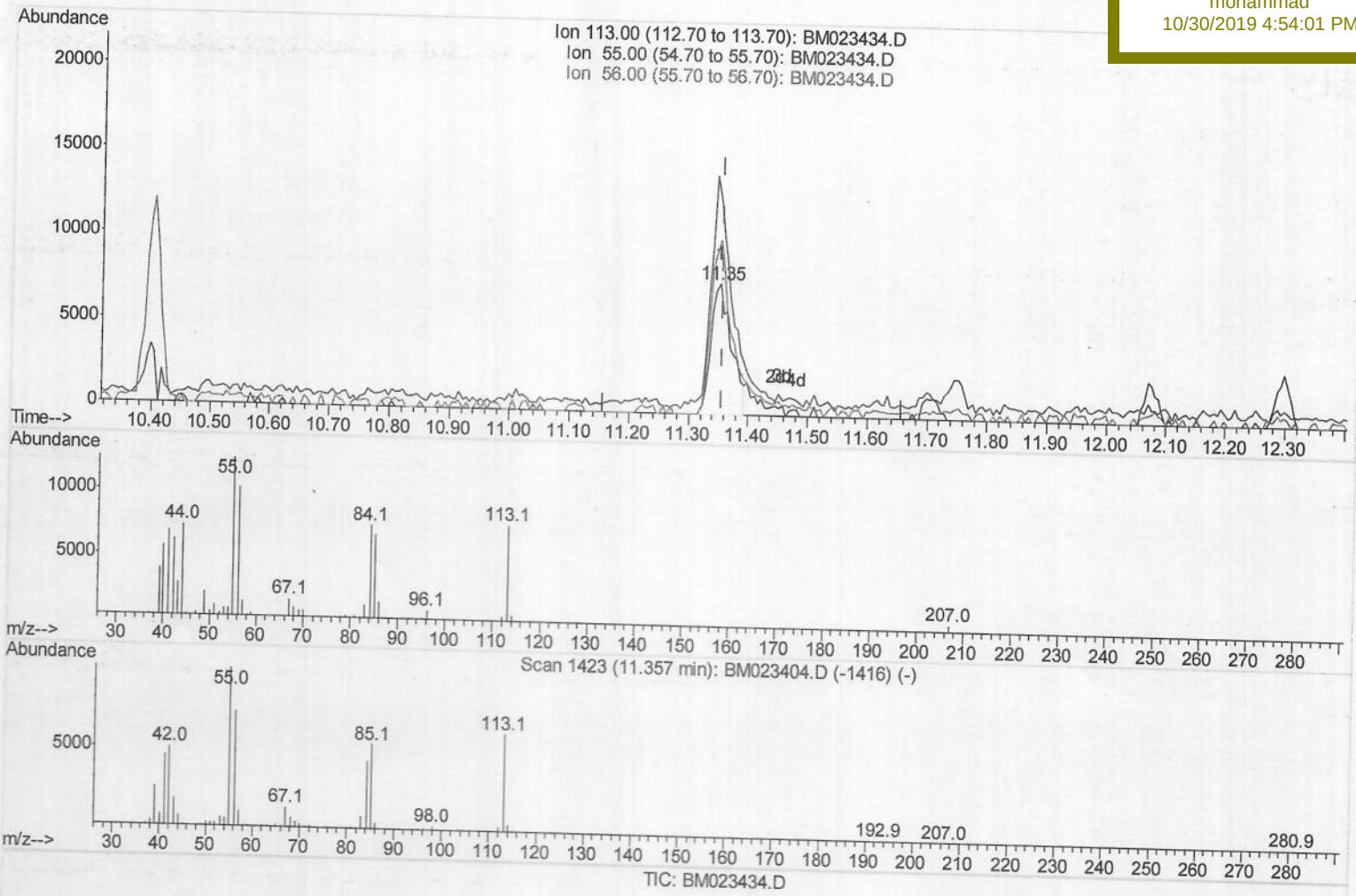

TIC: BM023434.D

(32) Caprolactam

11.351min (-0.006) 2.07ng/ul

response 18523

Ion	Exp%	Act%
113.00	100	100
55.00	166.00	163.02
56.00	125.70	133.72
0.00	0.00	0.00

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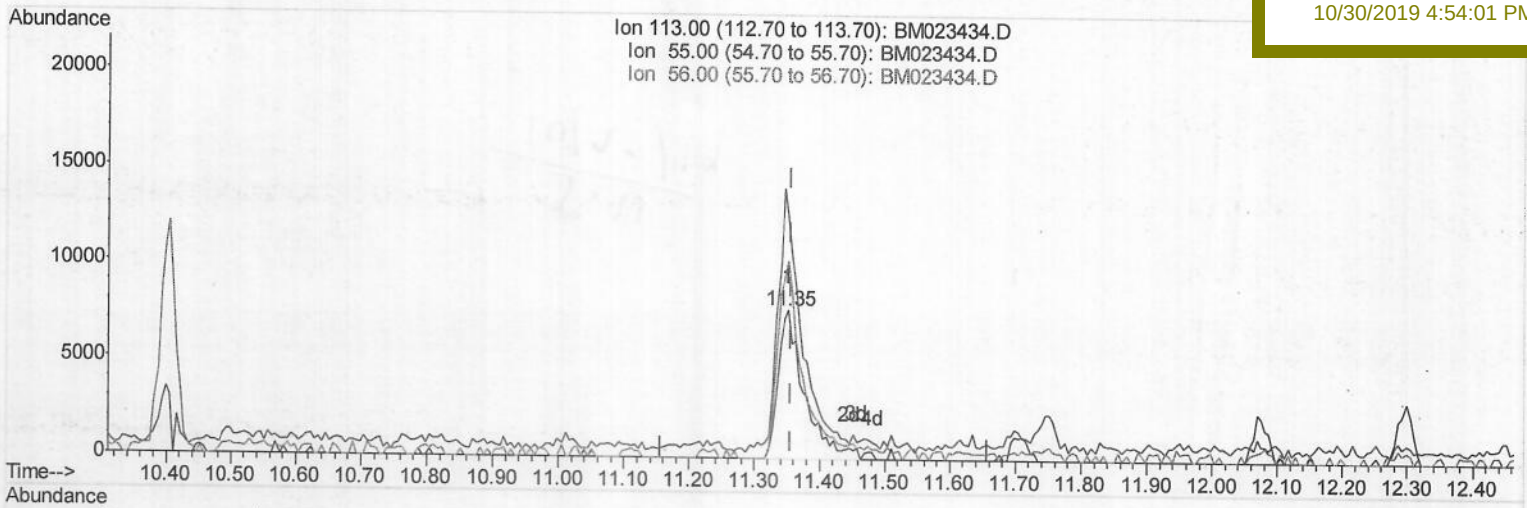

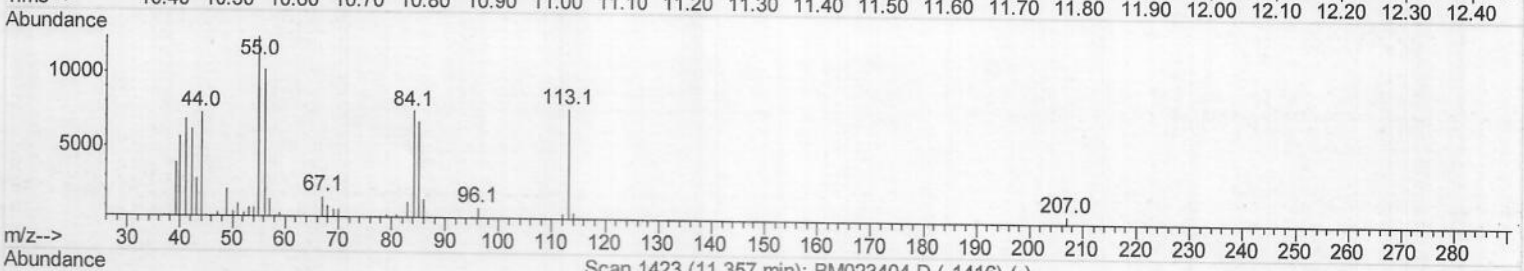

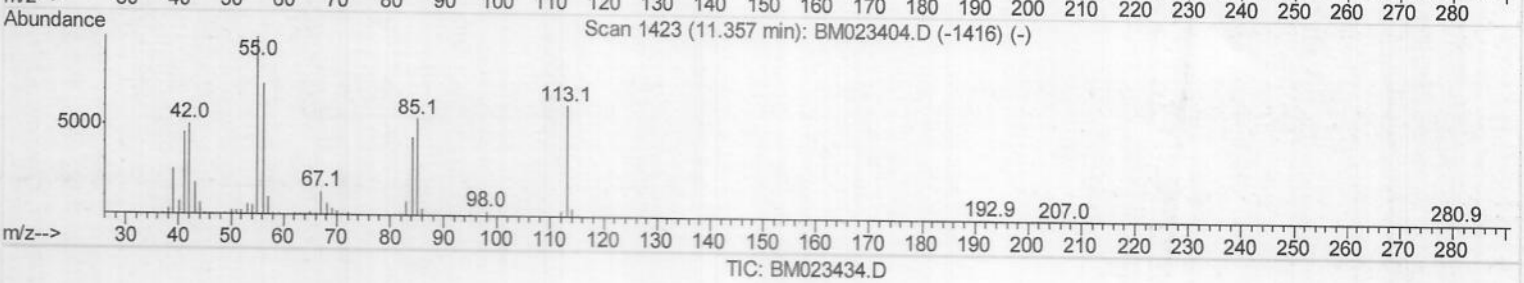

(32) Caprolactam

11.351min (-0.006) 2.42ng/ul m > JU 11/2/19

response 21615

Ion	Exp%	Act%
113.00	100	100
55.00	166.00	163.02
56.00	125.70	133.72
0.00	0.00	0.00

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Manual Integrations APPROVED
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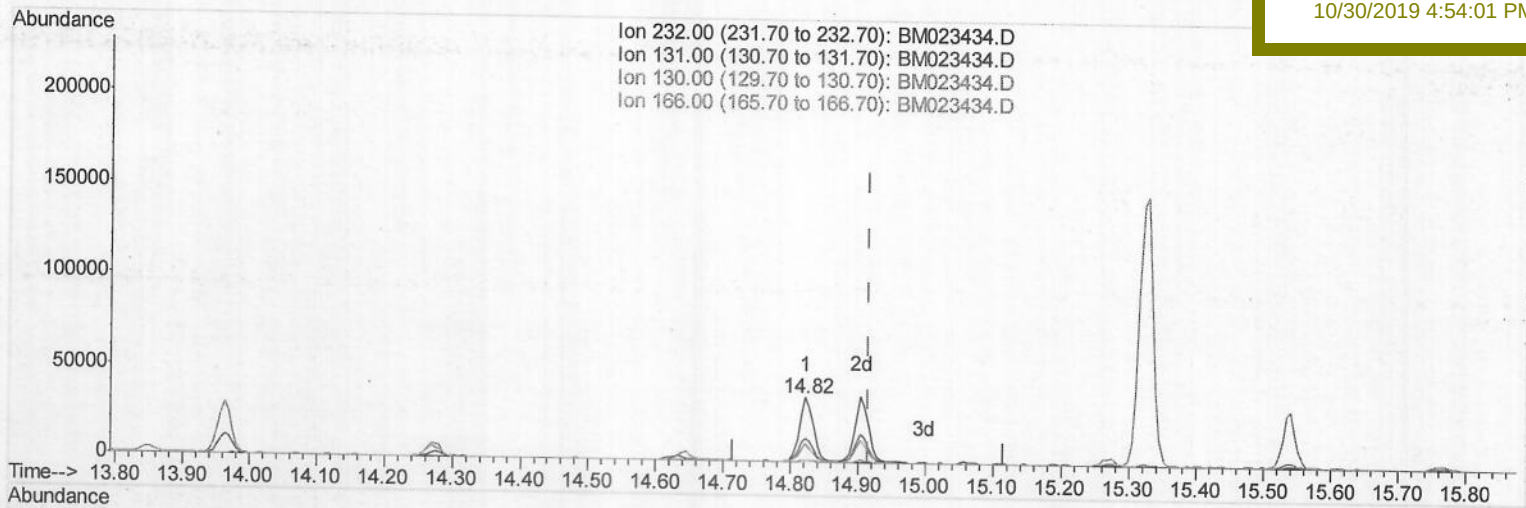

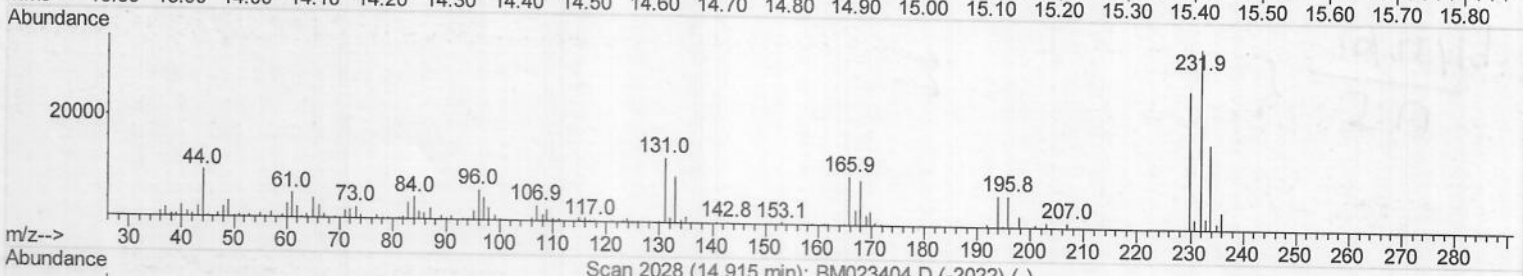

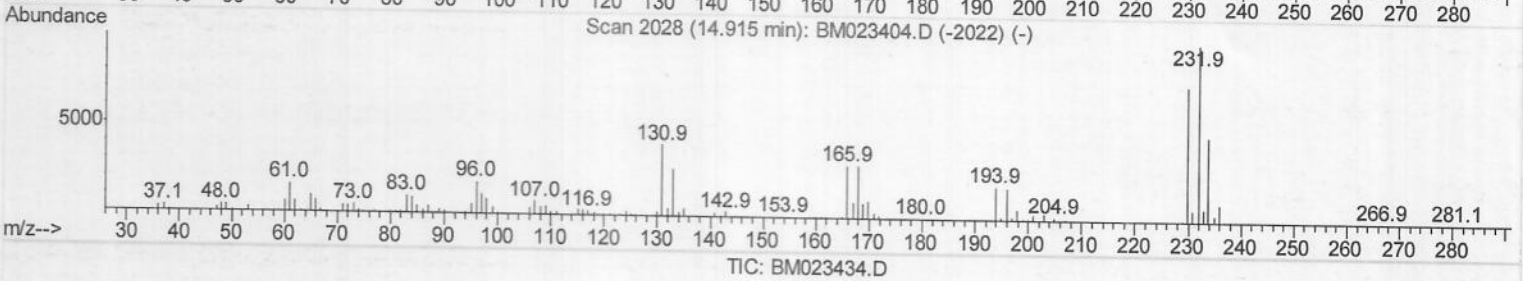

TIC: BM023434.D

(56) 2,3,4,6-Tetrachlorophenol

14.822min (-0.094) 2.33ng/ul

response 51254

Ion	Exp%	Act%
232.00	100	100
131.00	44.10	36.53
130.00	2.30	1.91
166.00	31.50	27.63

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Manual Integrations APPROVED
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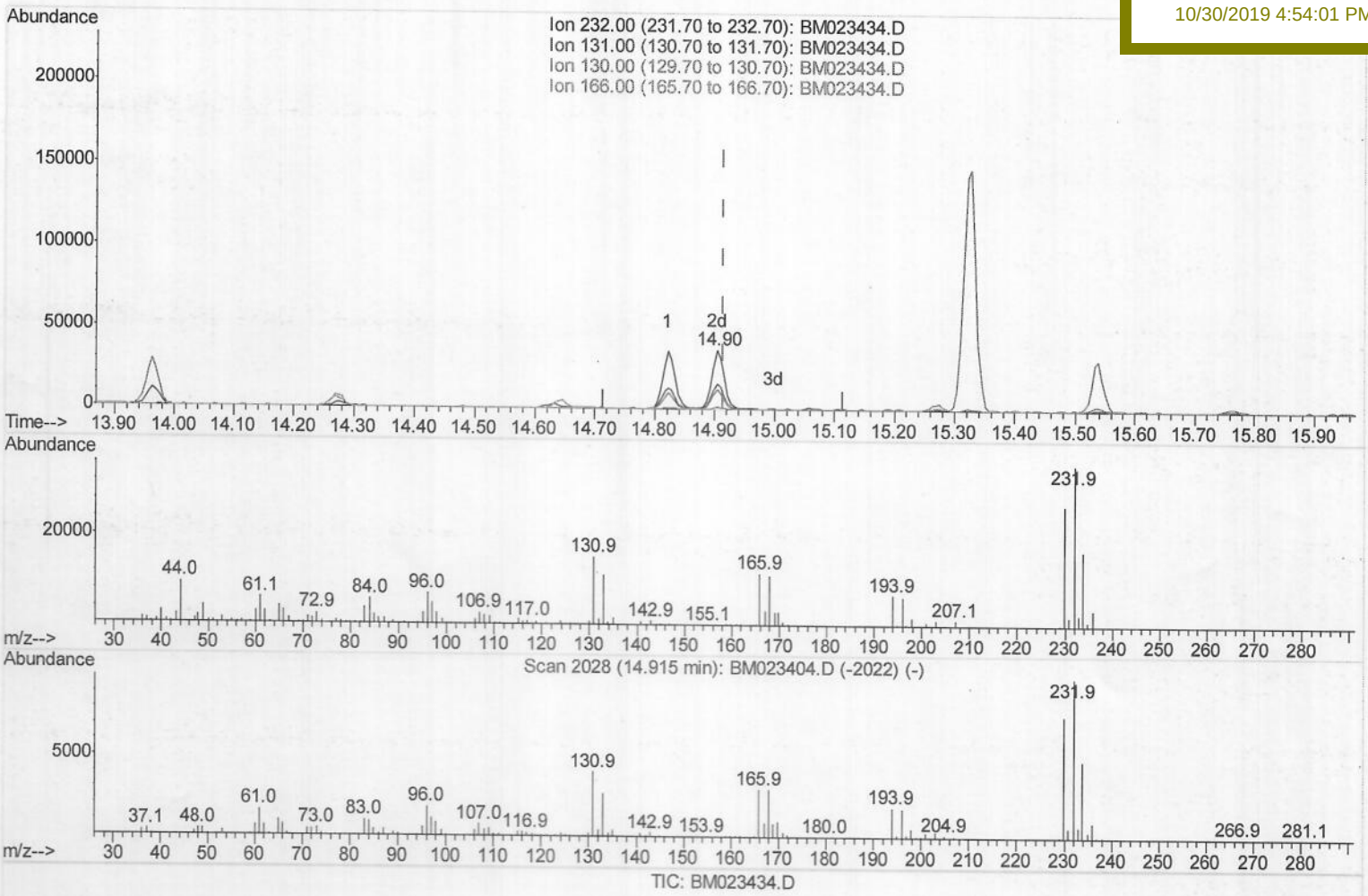

TIC: BM023434.D

(56) 2,3,4,6-Tetrachlorophenol

14.904min (-0.012) 2.36ng/ul m > JU 11/2/19

response 51870

Ion	Exp%	Act%
232.00	100	100
131.00	44.10	42.62
130.00	2.30	2.90#
166.00	31.50	32.89

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	441843	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1797172	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1090869	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2218895	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2259134	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2611317	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	54344	5.84	ng/uL	0.00
5) Phenol-d5	6.80	99	494830	13.33	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	558239	25.67	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	839261	28.93	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	463675	15.38	ng/ul	-0.02
19) Nitrobenzene-d5	8.78	128	454739	33.61	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	400647	26.69	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	750439	25.44	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	48631	1.43	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	2447819	29.55	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	2795246	29.45	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	108825	7.58	ng/ul	0.00
58) Fluorene-d10	15.27	176	2082666	29.69	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	341647	24.73	ng/ul	-0.01
71) Anthracene-d10	17.12	188	3287190	31.35	ng/ul	-0.02
79) Pyrene-d10	19.42	212	3645321	29.34	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	4180670	31.43	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	30337	3.065	ng/uL	98
4) Benzaldehyde	6.78	77	57755	2.703	ng/ul	94
6) Phenol	6.83	94	125887	3.294	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	84614	2.840	ng/ul	97
10) 2-Chlorophenol	7.19	128	81824	2.692	ng/ul	96
11) 2-Methylphenol	8.08	108	70858	2.425	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	120350	2.828	ng/ul	99
14) Acetophenone	8.45	105	128992	2.739	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.43	70	61620	2.316	ng/ul	96
16) 4-Methylphenol	8.40	108	78502	2.451	ng/ul	95
17) Hexachloroethane	8.69	117	37593	2.972	ng/ul	96
20) Nitrobenzene	8.82	77	90857	2.742	ng/ul	98
21) Isophorone	9.35	82	154602	2.329	ng/ul	99
23) 2-Nitrophenol	9.52	139	40729	2.484	ng/ul	95
24) 2,4-Dimethylphenol	9.59	107	74370	2.196	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	109592	2.684	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	74675	2.566	ng/ul	95
28) Naphthalene	10.45	128	254802	2.766	ng/ul	99
30) 4-Chloroaniline	10.56	127	103646	2.947	ng/ul	98
31) Hexachlorobutadiene	10.75	225	56643	2.982	ng/ul	96
32) Caprolactam	11.35	113	21615m	2.420	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	69092	2.154	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	173538	2.466	ng/ul	99

JU 11/2/19

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	169570	2.497 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	98921	2.871 ng/ul	93
38) Hexachlorocyclopentadiene	12.43	237	27223	1.191 ng/ul	97
39) 2,4,6-Trichlorophenol	12.70	196	54099	2.410 ng/ul	94
40) 2,4,5-Trichlorophenol	12.77	196	54945	2.282 ng/ul	95
41) 1,1'-Biphenyl	13.10	154	243134	2.874 ng/ul	99
42) 2-Chloronaphthalene	13.14	162	184239	2.858 ng/ul	96
43) 2-Nitroaniline	13.35	65	42243	2.345 ng/ul	95
45) Dimethylphthalate	13.73	163	504643	6.067 ng/ul	98
46) 2,6-Dinitrotoluene	13.85	165	39513	2.398 ng/ul	97
48) Acenaphthylene	13.99	152	279106	2.837 ng/ul	99
49) 3-Nitroaniline	14.17	138	38937	2.615 ng/ul#	96
50) Acenaphthene	14.34	153	192514	2.782 ng/ul	97
51) 2,4-Dinitrophenol	14.39	184	12361	1.244 ng/ul#	88
53) 4-Nitrophenol	14.50	109	23347	2.043 ng/ul	84
54) Dibenzofuran	14.67	168	271655	2.741 ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	50669	2.121 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.90	232	51870m	2.361 ng/ul	JU 11/2/19
57) Diethylphthalate	15.11	149	221272	2.637 ng/ul	99
59) Fluorene	15.33	166	211957	2.623 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	113463	2.657 ng/ul	99
61) 4-Nitroaniline	15.34	138	38038	2.289 ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.41	198	30252	1.994 ng/ul#	52
65) N-Nitrosodiphenylamine	15.54	169	745299	10.648 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	72344	2.554 ng/ul	97
67) Hexachlorobenzene	16.33	284	88836	2.740 ng/ul	97
68) Atrazine	16.50	200	46204	1.806 ng/ul	97
69) Pentachlorophenol	16.67	266	36257	1.883 ng/ul	99
70) Phenanthrene	17.06	178	342324	2.761 ng/ul	99
72) Anthracene	17.15	178	333480	2.654 ng/ul	99
75) Carbazole	17.42	167	305552	2.885 ng/ul	99
76) Di-n-butylphthalate	18.00	149	366749	2.759 ng/ul	99
77) Fluoranthene	19.09	202	388657	3.005 ng/ul	100
80) Pyrene	19.45	202	414028	2.595 ng/ul	97
81) Butylbenzylphthalate	20.37	149	159993	2.450 ng/ul	100
83) Benzo(a)anthracene	21.20	228	407613	2.698 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	247625	2.704 ng/ul	99
85) Chrysene	21.25	228	388973	2.790 ng/ul	99
87) Di-n-octyl phthalate	22.02	149	403092	2.624 ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	407372	2.429 ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	415555	2.639 ng/ul	99
91) Benzo(a)pyrene	23.32	252	396431	2.611 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.61	276	484316	2.946 ng/ul	98
93) Dibenzo(a,h)anthracene	25.62	278	400968	2.892 ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	396621	2.965 ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed