

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032923\
 Data File : BP014354.D
 Acq On : 29 Mar 2023 09:44
 Operator : CG/JU
 Sample : 02087-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0QF8DL

Quant Time: Mar 30 01:00:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 00:56:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/30/2023
 Supervised By : Jagrut Upadhyay 03/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	154116	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	673960	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	465467	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1054189	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	911342	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	819490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	2211	0.556	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.199	99	17293	1.217	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.346	67	62250	6.826	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	51382	5.002	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	35946	3.135	ng/u1	0.01
21) Nitrobenzene-d5	9.204	128	31885	5.860	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	33211	5.331	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	56392	4.970	ng/u1	0.02
31) 4-Chloroaniline-d4	10.999	131	50467	3.377	ng/u1	0.01
46) Dimethylphthalate-d6	14.081	166	274421	7.271	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	278145	6.642	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	5268m	0.924	ng/u1	0.10
60) Fluorene-d10	15.669	176	230861	7.335	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	37994	4.898	ng/u1	0.00
73) Anthracene-d10	17.539	188	371150	7.275	ng/u1	0.00
81) Pyrene-d10	19.763	212	443683	7.248	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	307397	7.060	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.899	128	224218	5.973	ng/u1	99
36) 2-Methylnaphthalene	12.504	142	84096	3.305	ng/u1	99
37) 1-Methylnaphthalene	12.722	142	63403	2.513	ng/u1	92
58) 2,3,4,6-Tetrachlorophenol	15.316	232	12289m	1.251	ng/u1	
71) Pentachlorophenol	17.086	266	319161	36.562	ng/u1	98
72) Phenanthrene	17.481	178	119024	2.029	ng/u1	99

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

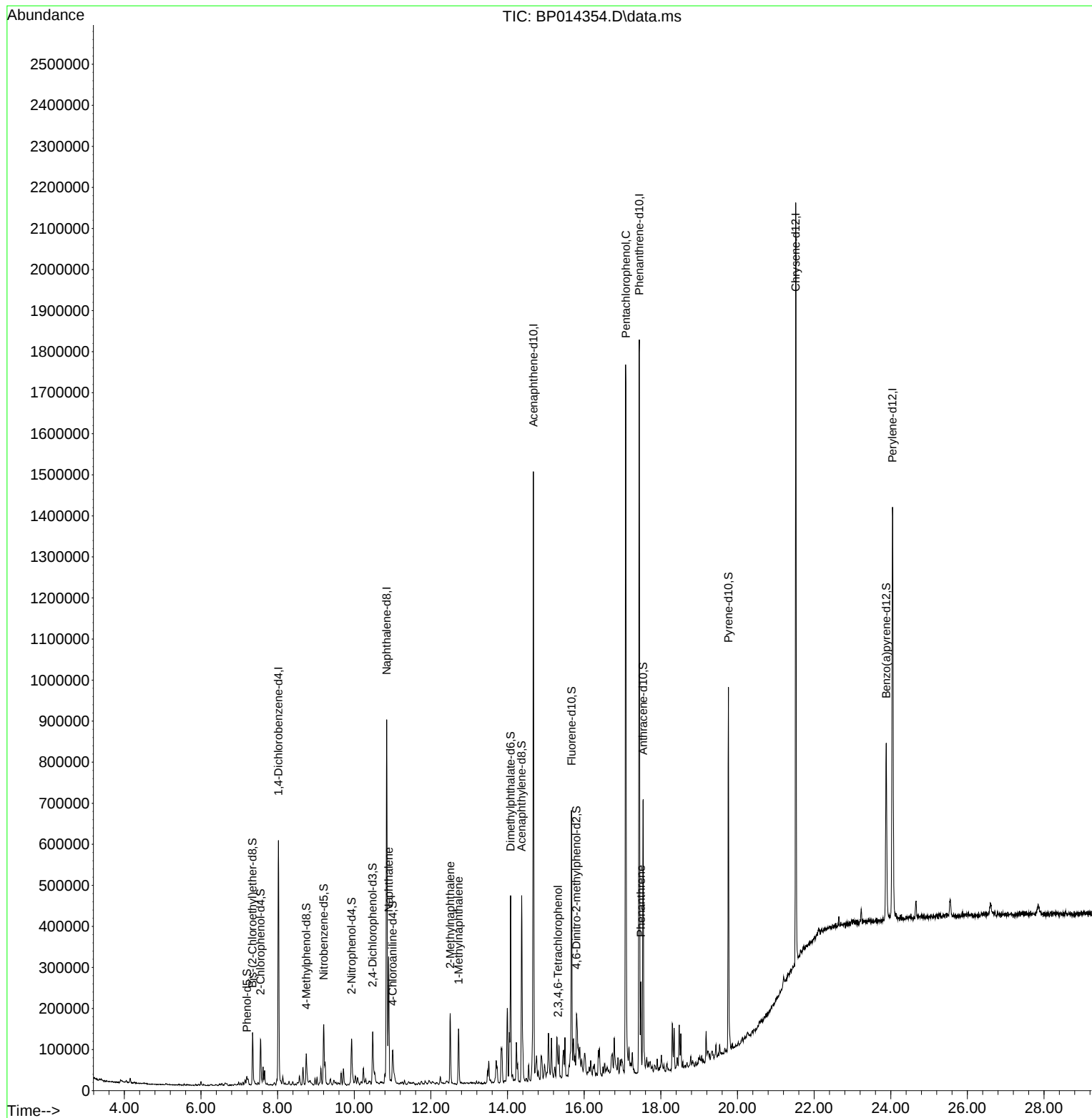
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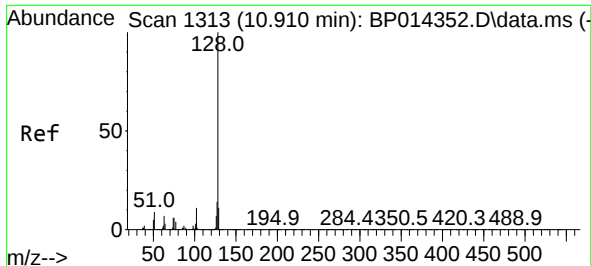
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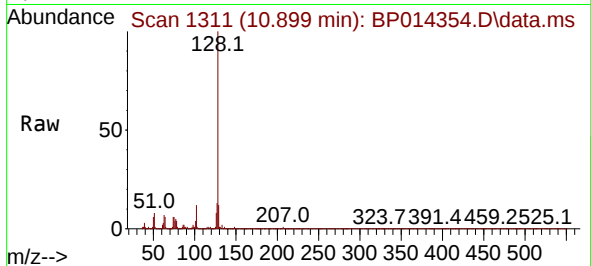
Reviewed By :Christian Giraldo 03/30/2023
Supervised By :Jagrut Upadhyay 03/30/2023





#30
Naphthalene
Concen: 5.973 ng/ul
RT: 10.899 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BP014354.D
Acq: 29 Mar 2023 09:44

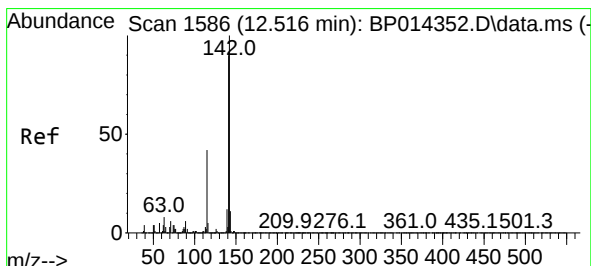
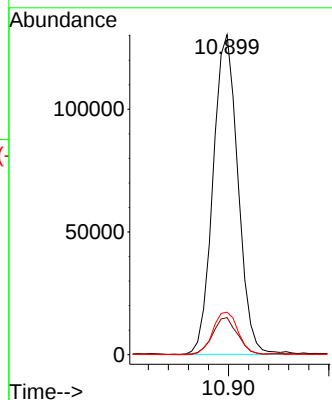
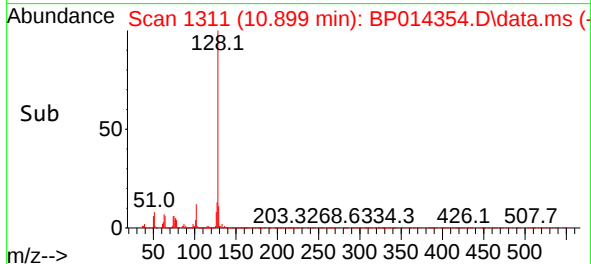
Instrument :
BNA_P
ClientSampleId :
C0QF8DL



Tgt Ion:128 Resp: 224218
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.3 11.0 16.6

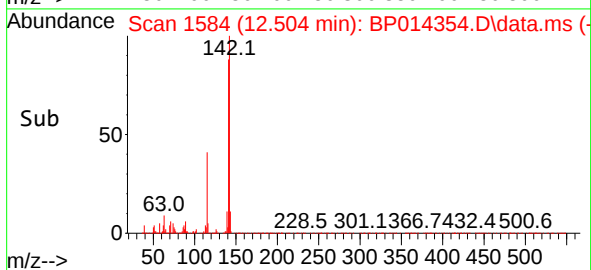
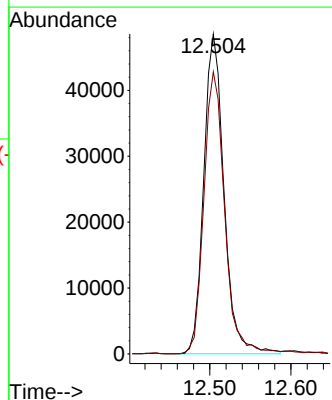
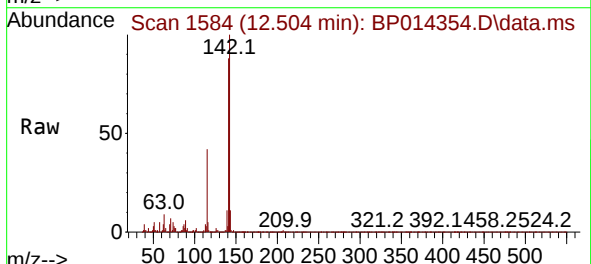
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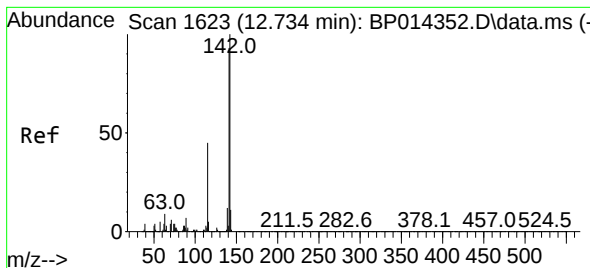
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#36
2-Methylnaphthalene
Concen: 3.305 ng/ul
RT: 12.504 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BP014354.D
Acq: 29 Mar 2023 09:44

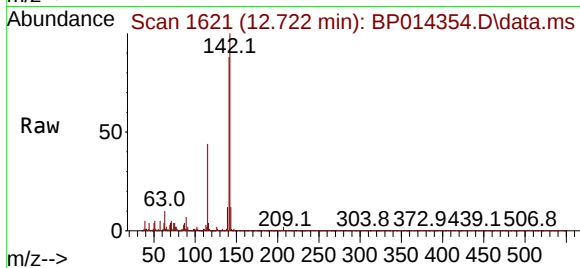
Tgt Ion:142 Resp: 84096
Ion Ratio Lower Upper
142 100
141 88.1 71.6 107.4





#37
1-Methylnaphthalene
Concen: 2.513 ng/ul
RT: 12.722 min Scan# 1621
Delta R.T. 0.006 min
Lab File: BP014354.D
Acq: 29 Mar 2023 09:44

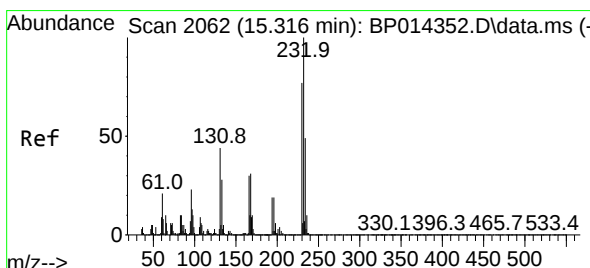
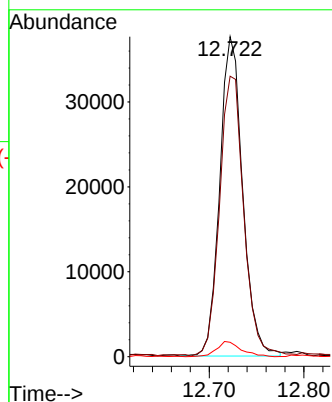
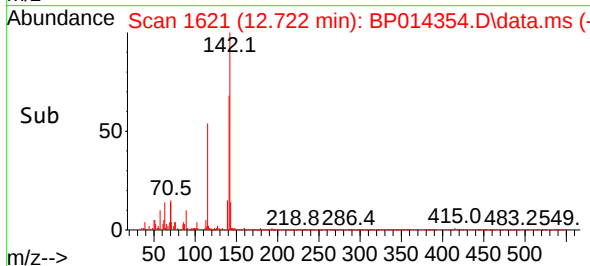
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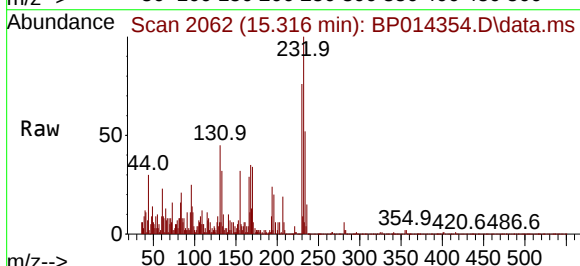
Tgt Ion:142 Resp: 6340
Ion Ratio Lower Upper
142 100
141 87.7 76.6 114.8
116 4.5 3.6 5.4

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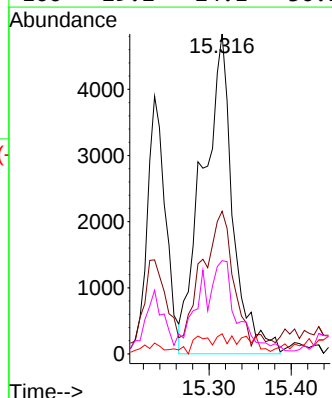
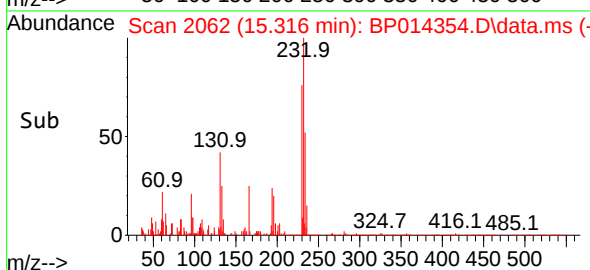
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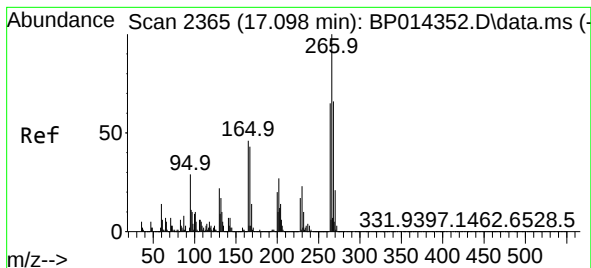


#58
2,3,4,6-Tetrachlorophenol
Concen: 1.251 ng/ul m
RT: 15.316 min Scan# 2062
Delta R.T. 0.018 min
Lab File: BP014354.D
Acq: 29 Mar 2023 09:44



Tgt Ion:232 Resp: 12289
Ion Ratio Lower Upper
232 100
131 44.6 35.0 52.4
130 6.3 1.9 2.9#
166 29.2 24.1 36.1





#71

Pentachlorophenol

Concen: 36.562 ng/ul

RT: 17.086 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014354.D

Acq: 29 Mar 2023 09:44

Instrument :

BNA_P

ClientSampleId :

C0QF8DL

Tgt Ion:266 Resp: 31916

Ion Ratio Lower Upper

266 100

264 61.0 51.0 76.4

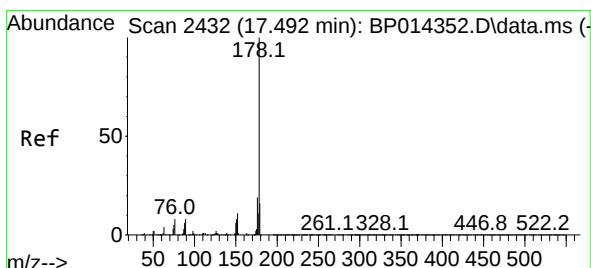
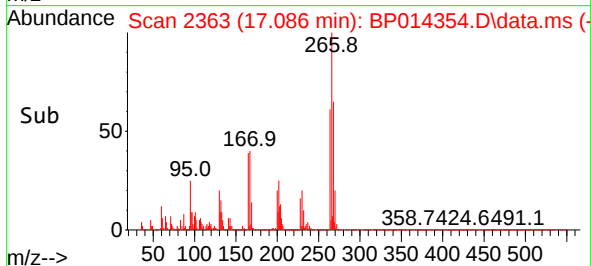
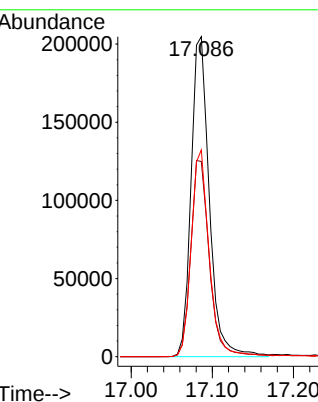
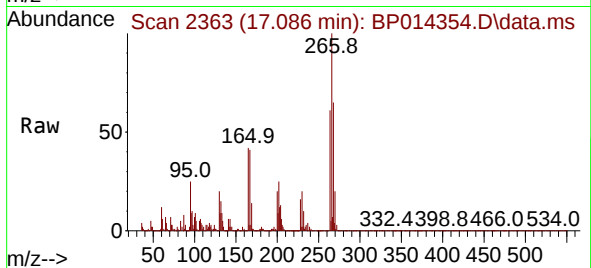
268 64.6 51.4 77.2

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#72

Phenanthrene

Concen: 2.029 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP014354.D

Acq: 29 Mar 2023 09:44

Tgt Ion:178 Resp: 119024

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

176 18.7 15.3 22.9

