

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047807.D
 Acq On : 03 Oct 2024 14:03
 Operator : RC/JU
 Sample : P4020-02DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCK4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 03 15:22:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	281451	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.599	136	1219610	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.439	164	798570	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.180	188	1614105	20.000	ng/u1	0.00
79) Chrysene-d12	21.404	240	1612351	20.000	ng/u1	0.00
88) Perylene-d12	24.403	264	1963553	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	2566	0.295	ng/uL	0.00
4) Pyridine-d5	3.681	84	18005	0.706	ng/u1	0.00
7) Phenol-d5	6.969	99	34385	1.292	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	27991	1.482	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.340	132	28626	1.478	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	25905	1.309	ng/u1	-0.01
21) Nitrobenzene-d5	8.957	128	10131	1.043	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.675	143	12559	1.350	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.222	165	26392	1.420	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	52922	1.841	ng/u1	-0.02
46) Dimethylphthalate-d6	13.845	166	89763	1.550	ng/u1	-0.01
49) Acenaphthylene-d8	14.128	160	105770	1.541	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.645	143	16412m	1.424	ng/u1	0.01
60) Fluorene-d10	15.428	176	81390	1.623	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.545	200	8940m	0.946	ng/u1	0.00
73) Anthracene-d10	17.275	188	123415	1.555	ng/u1	-0.01
81) Pyrene-d10	19.557	212	151284	1.653	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.198	264	147124	1.444	ng/u1	-0.01
Target Compounds						
30) Naphthalene	10.646	128	197263	2.812	ng/u1#	96
36) 2-Methylnaphthalene	12.257	142	313598	7.035	ng/u1	96
37) 1-Methylnaphthalene	12.481	142	183491	4.046	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.063	232	431649	33.294	ng/u1	97
71) Pentachlorophenol	16.845	266	4768107	387.277	ng/u1	99
72) Phenanthrene	17.222	178	111210	1.175	ng/u1#	94

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

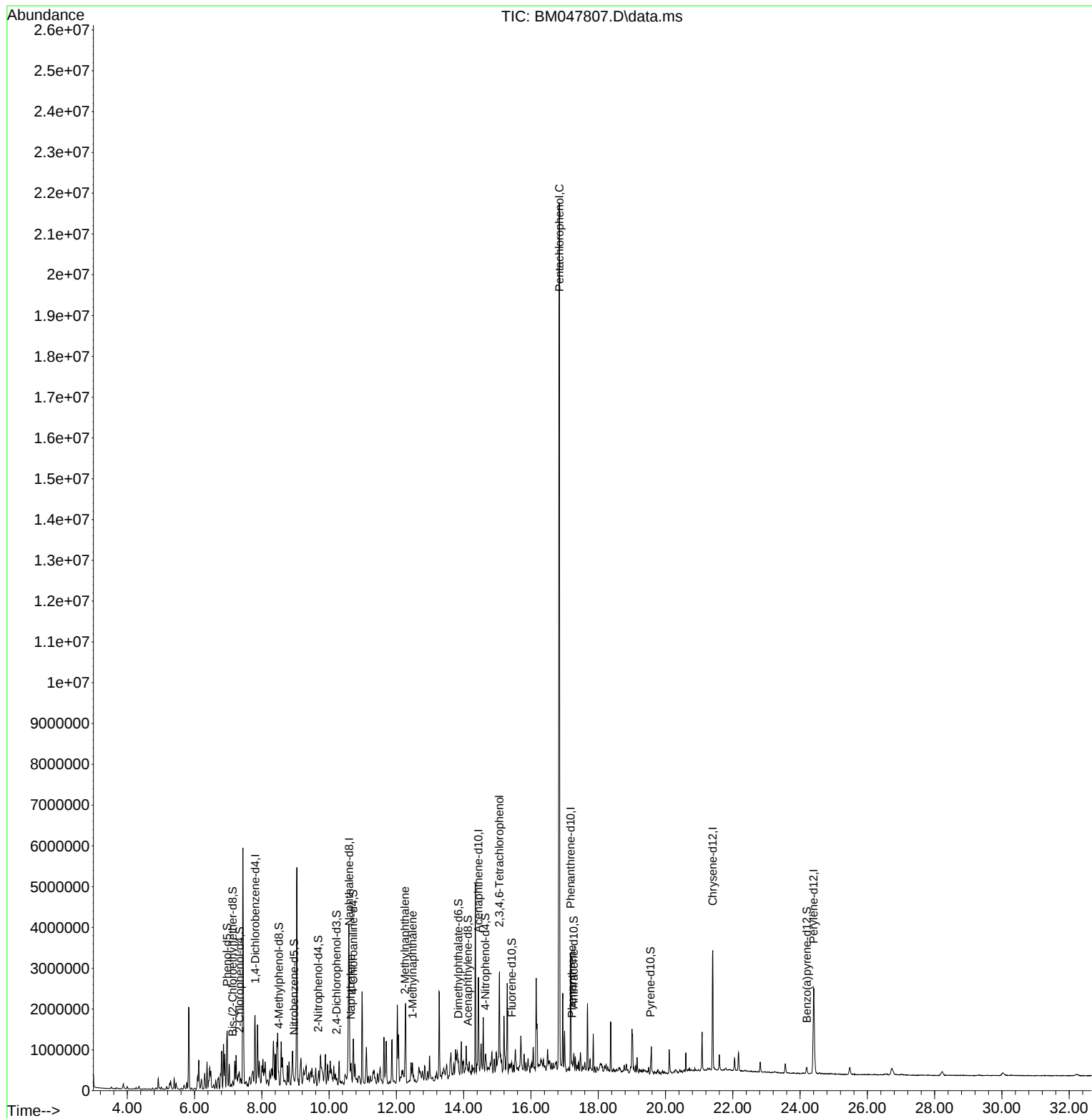
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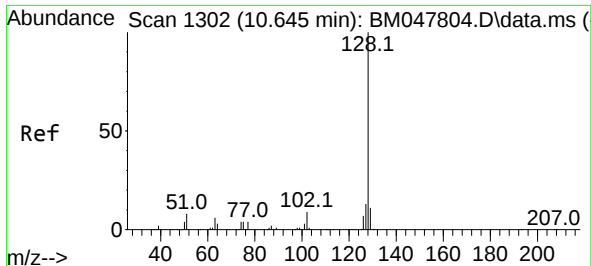
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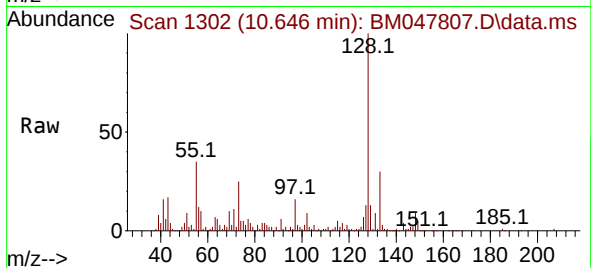
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/06/2024





#30
Naphthalene
Concen: 2.812 ng/ul
RT: 10.646 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM047807.D
Acq: 03 Oct 2024 14:03

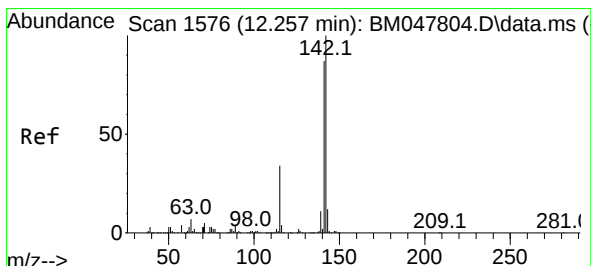
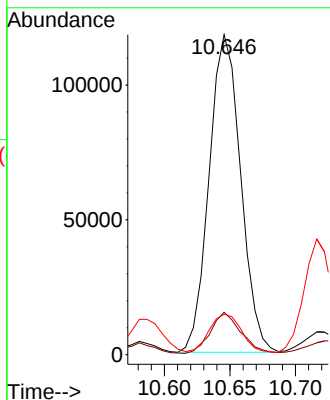
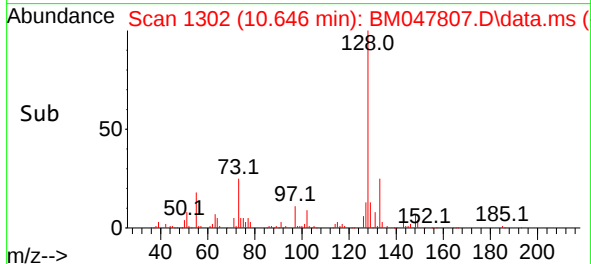
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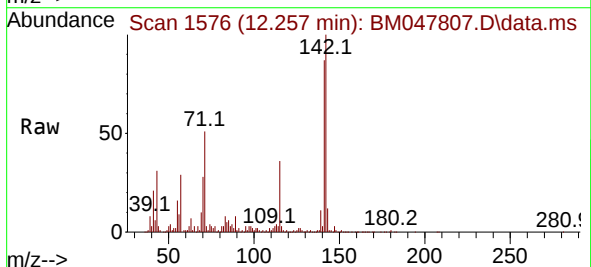
Tgt Ion:128 Resp: 19726
Ion Ratio Lower Upper
128 100
129 13.3 8.6 12.8
127 12.6 10.4 15.6

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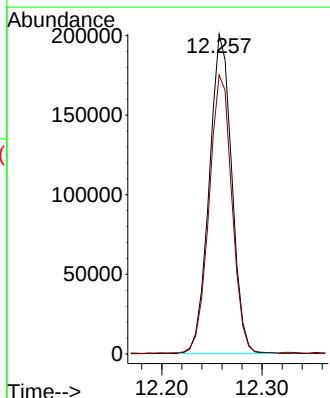
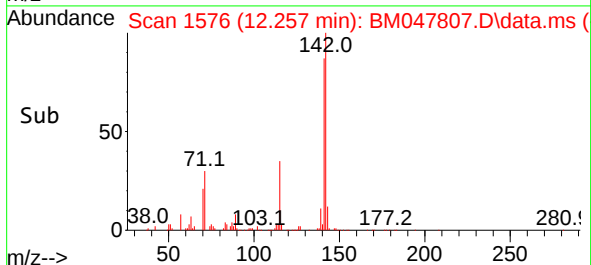
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Supervised By :mohammad ahmed 10/06/2024

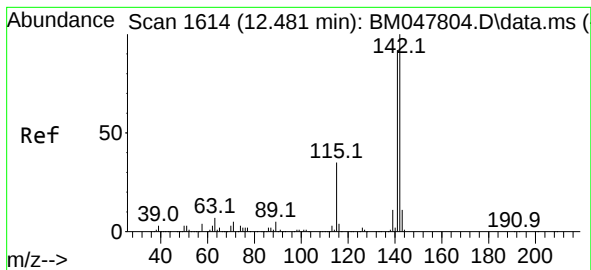


#36
2-Methylnaphthalene
Concen: 7.035 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM047807.D
Acq: 03 Oct 2024 14:03



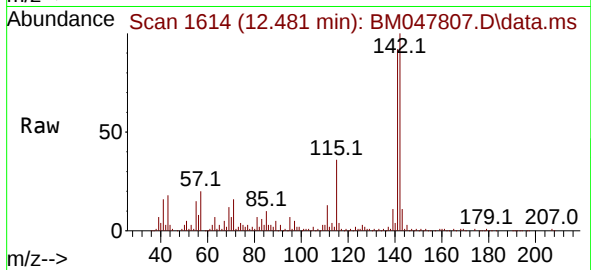
Tgt Ion:142 Resp: 313598
Ion Ratio Lower Upper
142 100
141 87.2 72.5 108.7





#37
1-Methylnaphthalene
Concen: 4.046 ng/ul
RT: 12.481 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047807.D
Acq: 03 Oct 2024 14:03

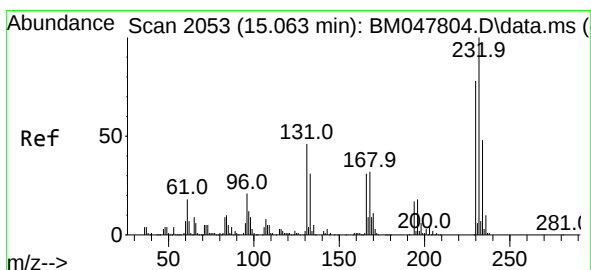
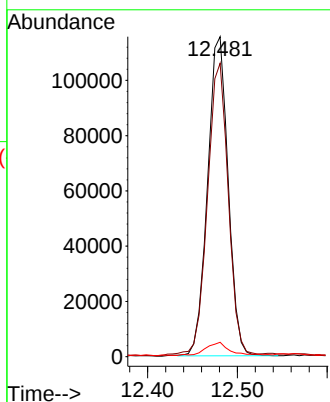
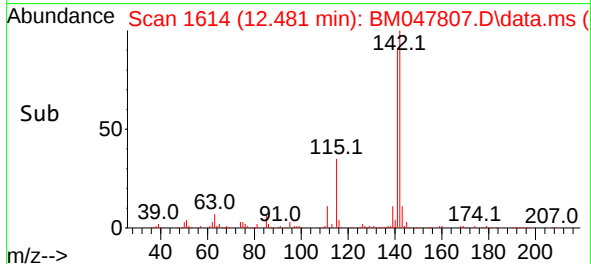
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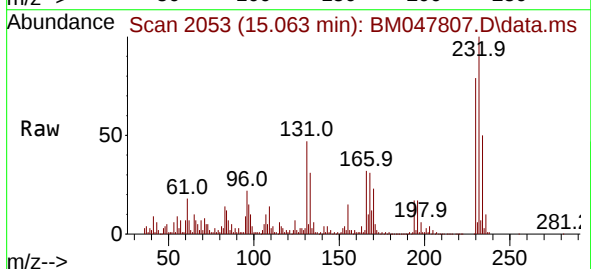
Tgt Ion:142 Resp: 18349
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2
116 4.5 3.0 4.6

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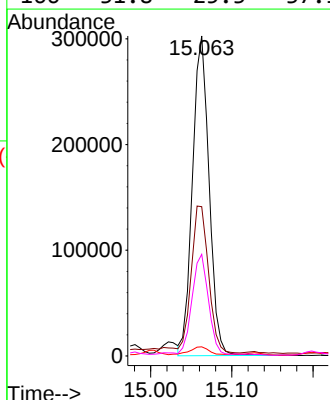
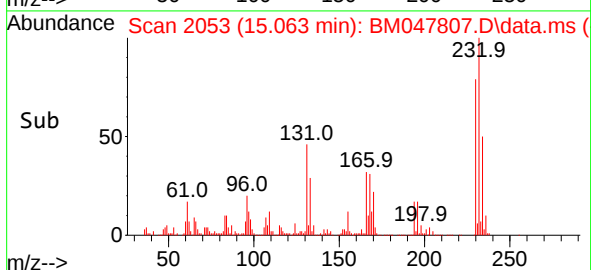
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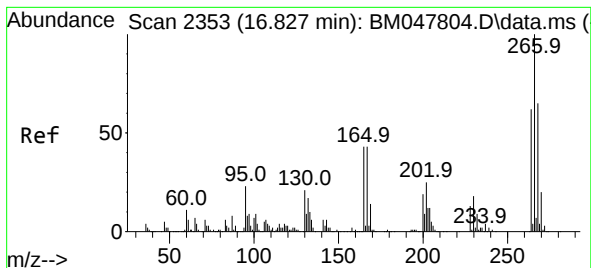


#58
2,3,4,6-Tetrachlorophenol
Concen: 33.294 ng/ul
RT: 15.063 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BM047807.D
Acq: 03 Oct 2024 14:03



Tgt Ion:232 Resp: 431649
Ion Ratio Lower Upper
232 100
131 46.7 40.2 60.4
130 2.8 2.6 4.0
166 31.8 25.3 37.9





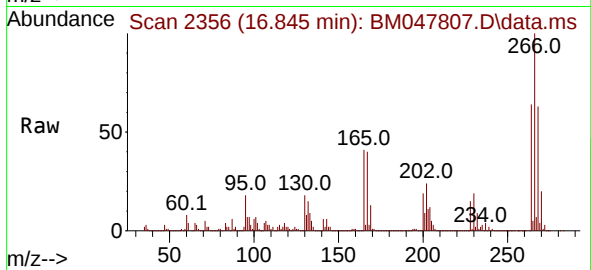
#71
Pentachlorophenol
Concen: 387.277 ng/ul
RT: 16.845 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047807.D
Acq: 03 Oct 2024 14:03

Instrument :

BNA_M

ClientSampleId :

DDCK4DL

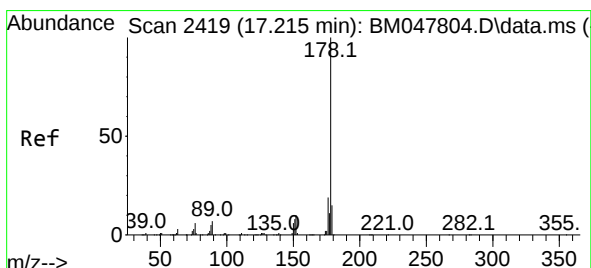
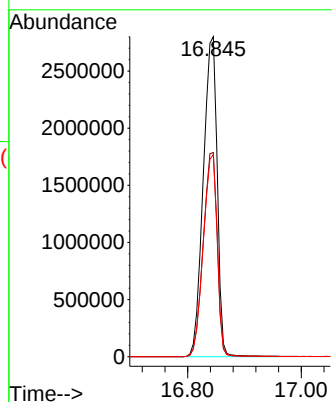
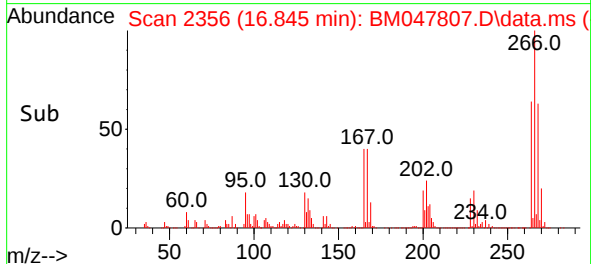


Tgt Ion:266 Resp: 476810
Ion Ratio Lower Upper
266 100
264 63.8 50.2 75.2
268 63.2 50.9 76.3

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Supervised By :mohammad ahmed 10/06/2024



#72
Phenanthrene
Concen: 1.175 ng/ul
RT: 17.222 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM047807.D
Acq: 03 Oct 2024 14:03

Tgt Ion:178 Resp: 111210
Ion Ratio Lower Upper
178 100
179 19.0 12.0 18.0#
176 20.4 15.4 23.0

