

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047841.D
 Acq On : 04 Oct 2024 13:41
 Operator : RC/JU
 Sample : P4017-03ME
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC42ME

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 01:56:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	262499	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1066456	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	662828	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.174	188	1288080	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1224752	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1406849	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	38219	4.705	ng/uL	0.00
4) Pyridine-d5	3.663	84	557241	23.430	ng/u1	0.00
7) Phenol-d5	6.969	99	696658	28.066	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	434002	24.640	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	588919	32.610	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	549730	29.788	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	279075m	32.866	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	299851	36.850	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	546468	33.618	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	782265	31.128	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	1593285	33.155	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1880250	33.000	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	259390	27.111	ng/u1	0.00
60) Fluorene-d10	15.427	176	1376045	33.059	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	190484	25.271	ng/u1	0.00
73) Anthracene-d10	17.274	188	2081698	32.867	ng/u1	0.00
81) Pyrene-d10	19.556	212	2442439	35.138	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	2491940	34.139	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.645	128	287446	4.686	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	486588	12.484	ng/u1	97
37) 1-Methylnaphthalene	12.474	142	288533	7.276	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.063	232	926536	86.101	ng/u1#	96
71) Pentachlorophenol	16.851	266	7834478	797.397	ng/u1	99
72) Phenanthrene	17.221	178	169246	2.241	ng/u1	96

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

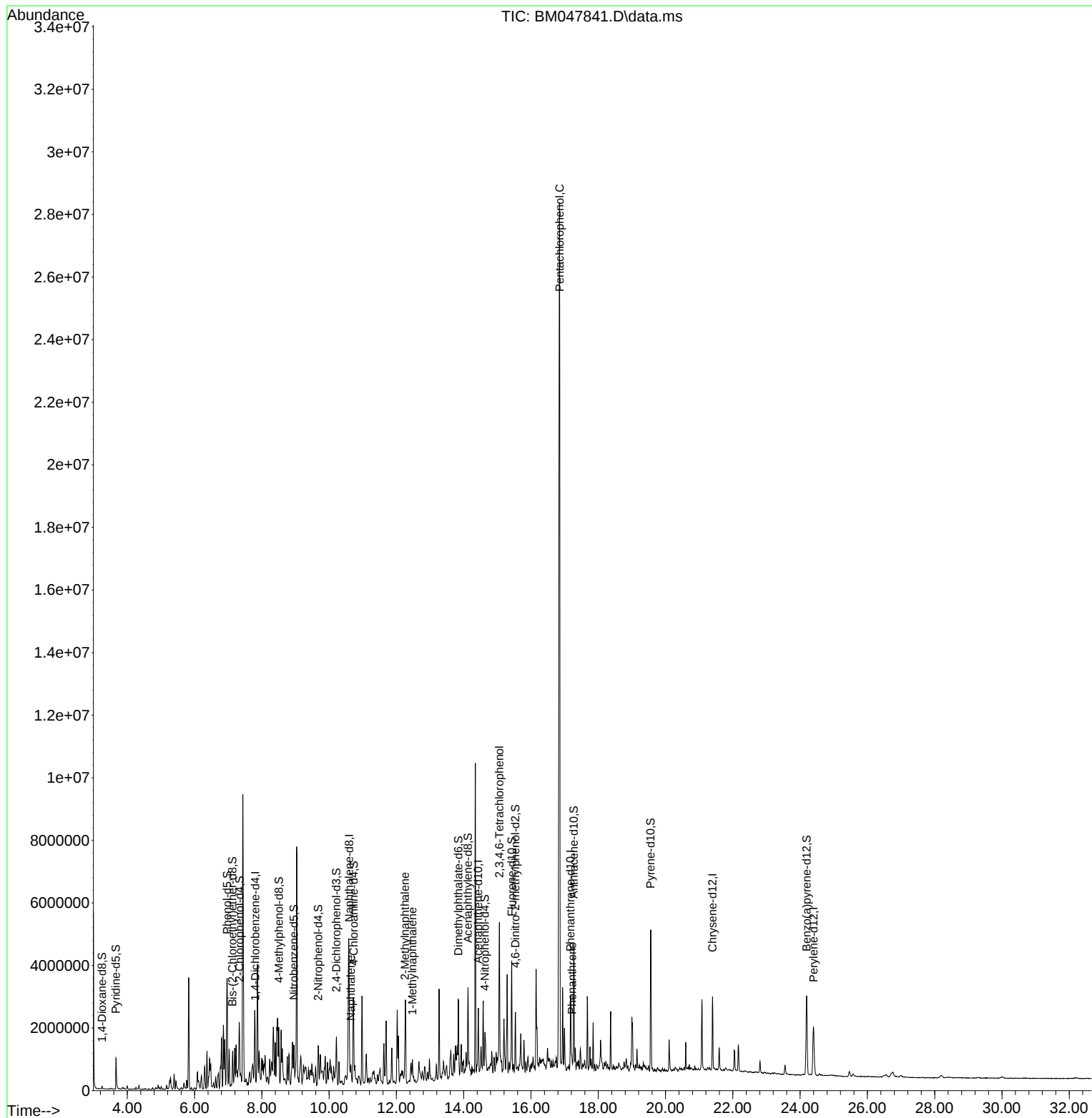
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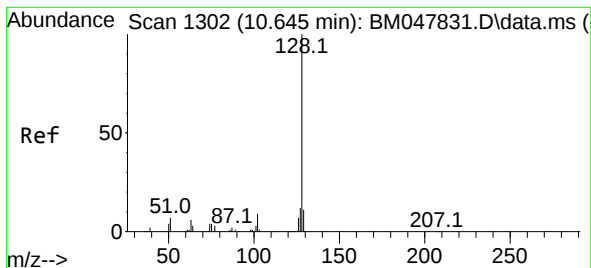
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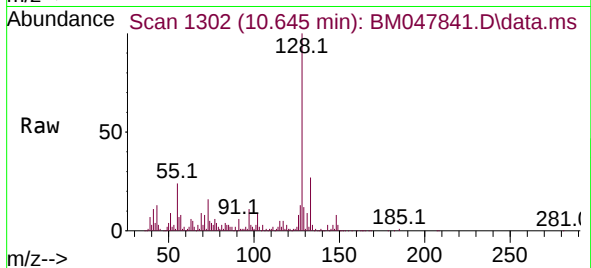
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024





#30
Naphthalene
Concen: 4.686 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047841.D
Acq: 04 Oct 2024 13:41

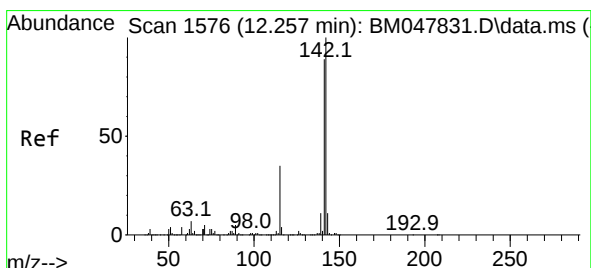
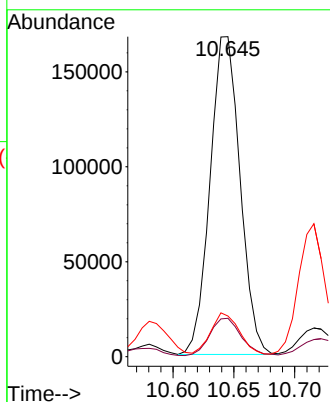
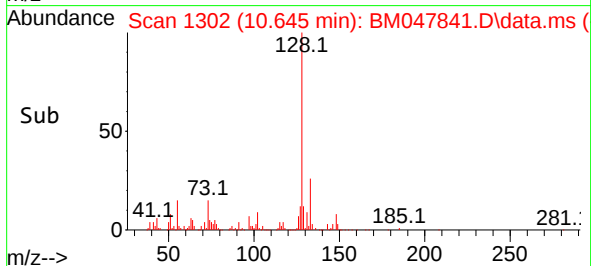
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ClientSampleId :
DDC42ME



Tgt Ion:128 Resp: 287440
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 12.7 10.4 15.6

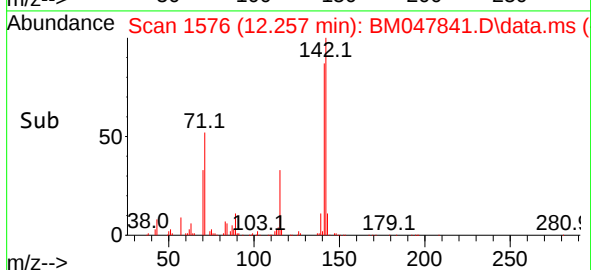
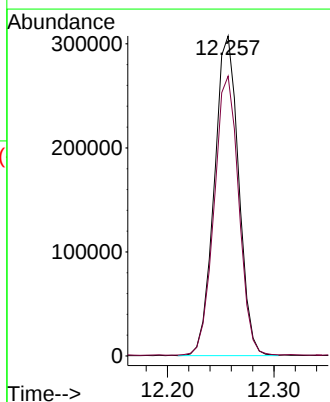
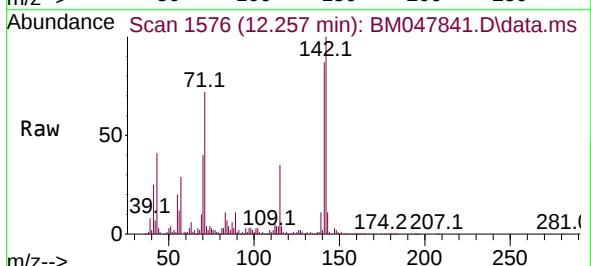
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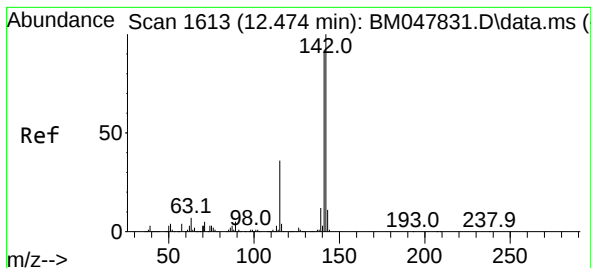
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Supervised By :mohammad ahmed 10/06/2024



#36
2-Methylnaphthalene
Concen: 12.484 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BM047841.D
Acq: 04 Oct 2024 13:41

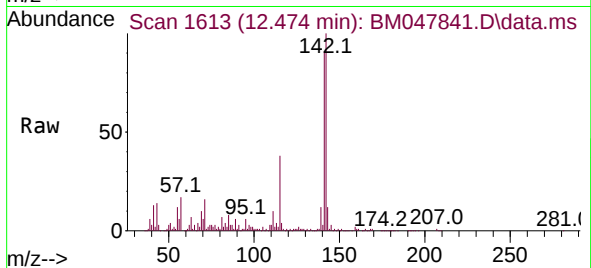
Tgt Ion:142 Resp: 486588
Ion Ratio Lower Upper
142 100
141 87.5 72.5 108.7





#37
1-Methylnaphthalene
Concen: 7.276 ng/ul
RT: 12.474 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BM047841.D
Acq: 04 Oct 2024 13:41

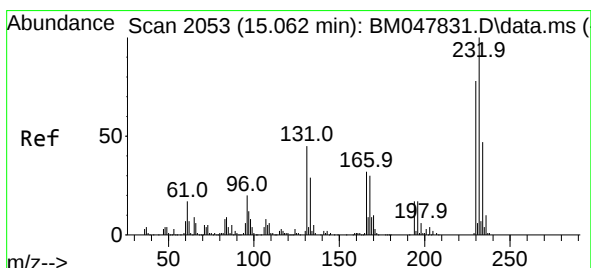
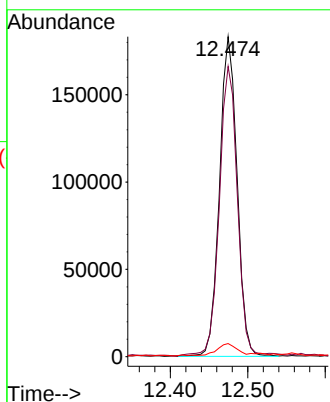
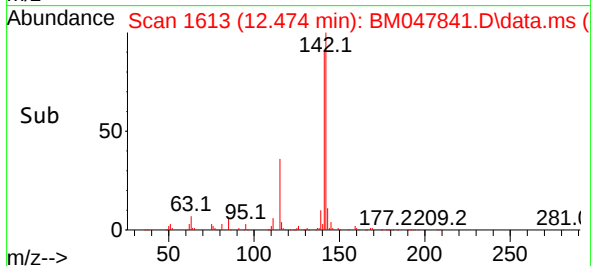
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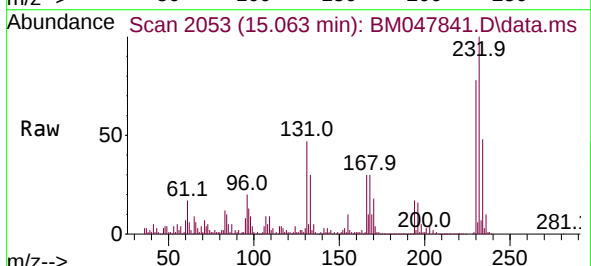
Tgt Ion:142 Resp: 288538
Ion Ratio Lower Upper
142 100
141 90.7 73.4 110.2
116 4.1 3.0 4.6

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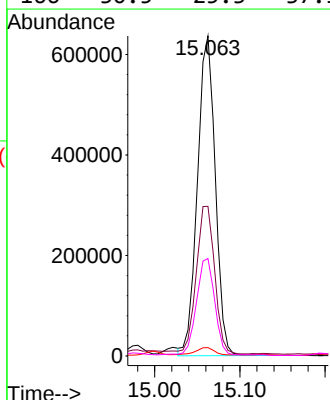
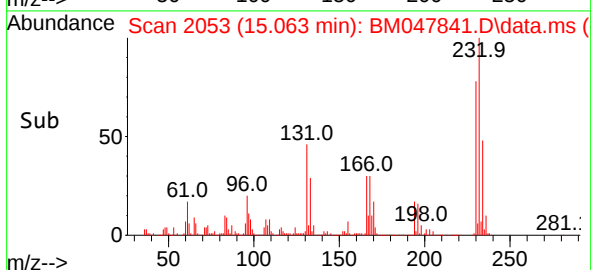
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024

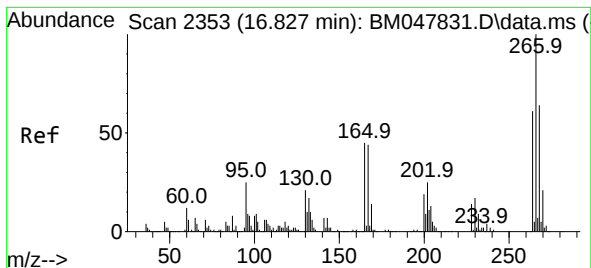


#58
2,3,4,6-Tetrachlorophenol
Concen: 86.101 ng/ul
RT: 15.063 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BM047841.D
Acq: 04 Oct 2024 13:41



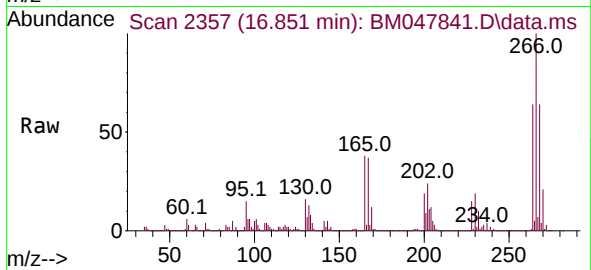
Tgt Ion:232 Resp: 926536
Ion Ratio Lower Upper
232 100
131 46.7 40.2 60.4
130 2.6 2.6 4.0#
166 30.5 25.3 37.9





#71
Pentachlorophenol
Concen: 797.397 ng/ul
RT: 16.851 min Scan# 21
Delta R.T. 0.024 min
Lab File: BM047841.D
Acq: 04 Oct 2024 13:41

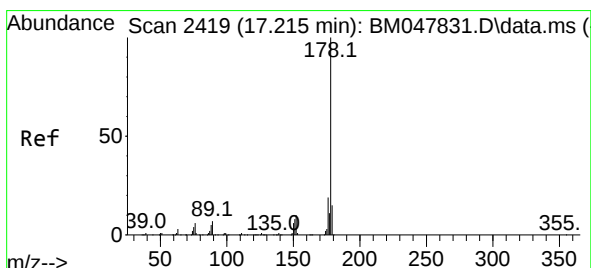
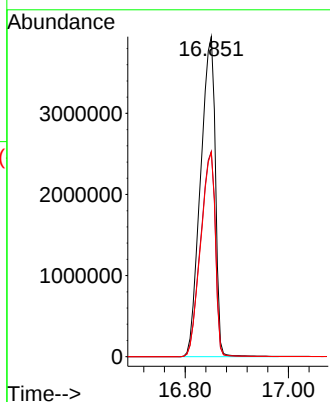
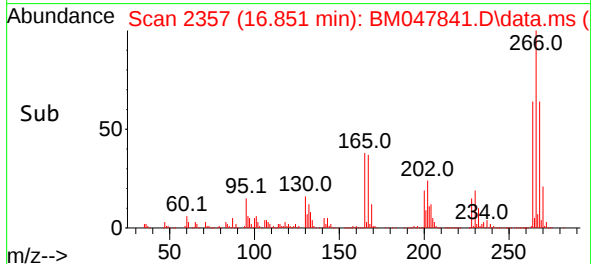
Instrument :
BNA_M
ClientSampleId :
DDC42ME



Tgt Ion:266 Resp: 7834478
Ion Ratio Lower Upper
266 100
264 64.1 50.2 75.2
268 63.9 50.9 76.3

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Supervised By :mohammad ahmed 10/06/2024



#72
Phenanthrene
Concen: 2.241 ng/ul
RT: 17.221 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM047841.D
Acq: 04 Oct 2024 13:41

Tgt Ion:178 Resp: 169246
Ion Ratio Lower Upper
178 100
179 17.7 12.0 18.0
176 18.6 15.4 23.0

