

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048614.D
 Acq On : 12 Nov 2024 10:47
 Operator : RC/JU
 Sample : P4714-03DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 12 12:41:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	137139	20.000	ng/u1	0.00
20) Naphthalene-d8	10.439	136	576478	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	359531	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.051	188	752495	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	709728	20.000	ng/u1	0.00
88) Perylene-d12	24.185	264	799618	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	4467	1.299	ng/uL	0.00
4) Pyridine-d5	3.575	84	13956m	1.472	ng/u1	0.03
7) Phenol-d5	6.851	99	34098	3.266	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	48484	7.732	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	67864	7.848	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	49196	5.993	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	31265	7.483	ng/u1	0.00
24) 2-Nitrophenol-d4	9.539	143	33311	7.495	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	66021	7.997	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	26081m	2.224	ng/u1	0.01
46) Dimethylphthalate-d6	13.721	166	220852	9.623	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	225087	8.318	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	8352m	1.959	ng/u1	0.06
60) Fluorene-d10	15.304	176	189748	9.471	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	19175	5.065	ng/u1	0.00
73) Anthracene-d10	17.151	188	308273	9.681	ng/u1	0.00
81) Pyrene-d10	19.450	212	373133	10.476	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.985	264	359291	9.617	ng/u1	0.00
Target Compounds						
26) 2,4-Dimethylphenol	9.633	107	61832m	6.835	ng/u1	Qvalue
30) Naphthalene	10.492	128	1076543	36.895	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	33733	1.807	ng/u1	97
37) 1-Methylnaphthalene	12.333	142	84157	4.392	ng/u1	99
52) Acenaphthene	14.368	153	58935	2.807	ng/u1	95

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

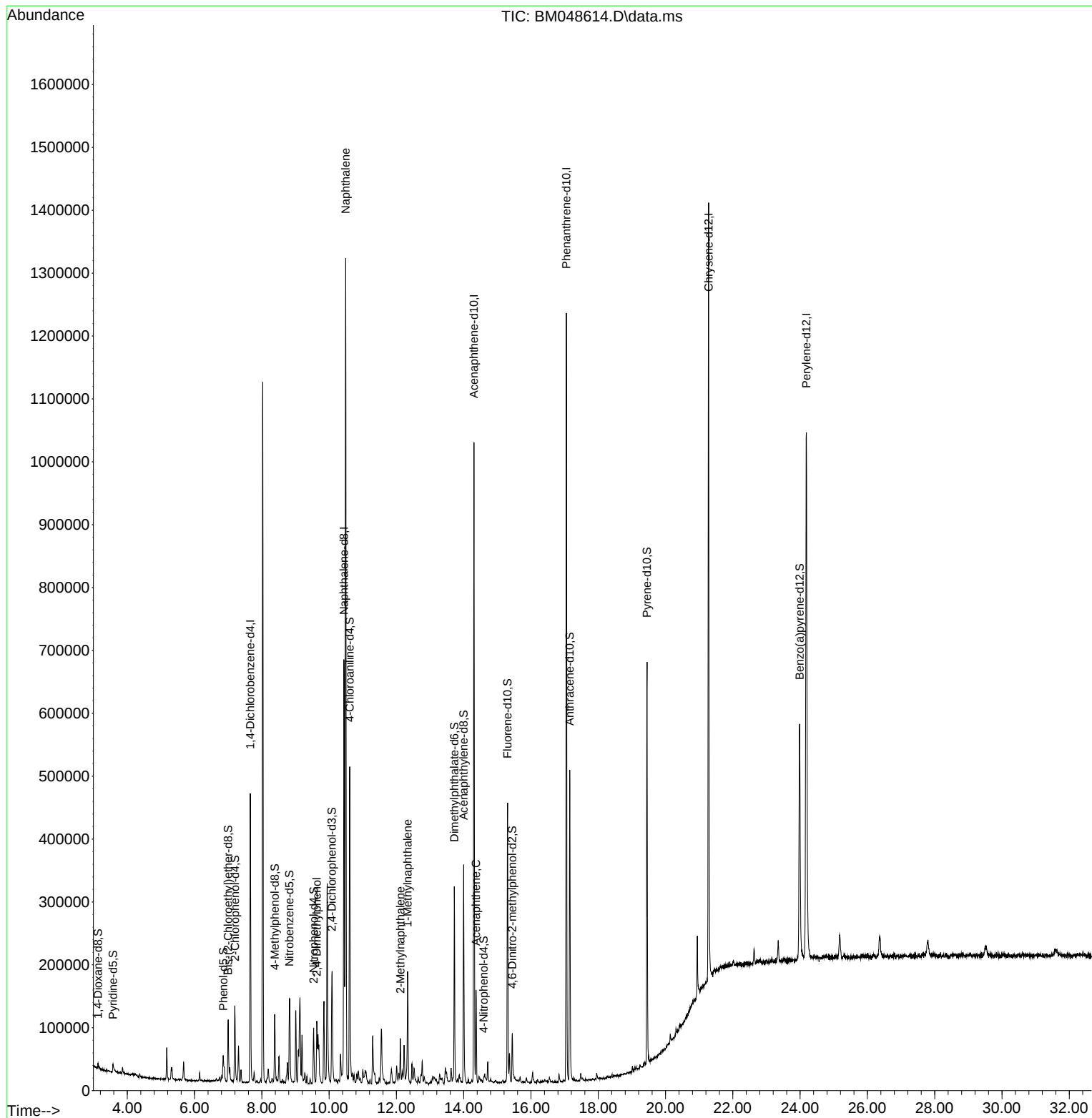
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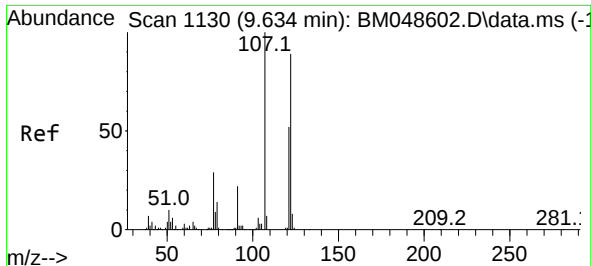
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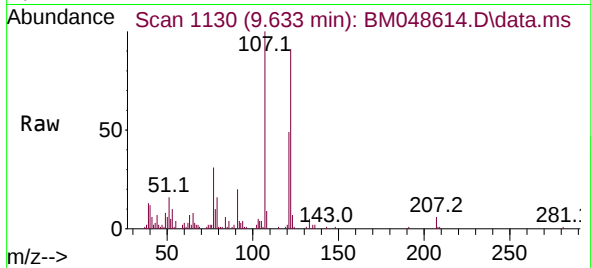
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024





#26
2,4-Dimethylphenol
Concen: 6.835 ng/ul m
RT: 9.633 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BM048614.D
Acq: 12 Nov 2024 10:47

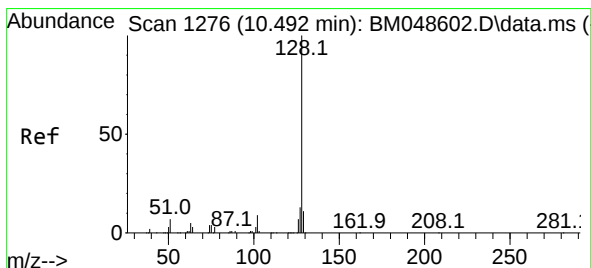
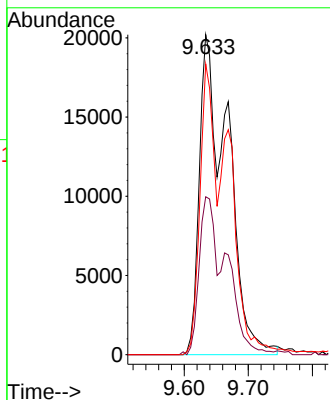
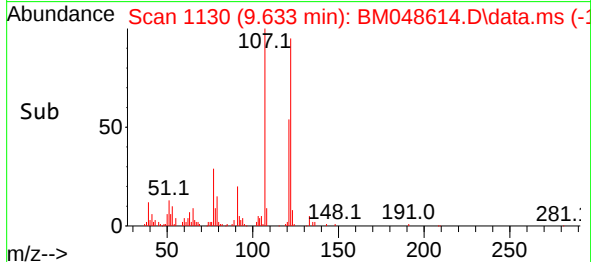
Instrument :
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ClientSampleId :
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Tgt Ion:107 Resp: 61832
Ion Ratio Lower Upper
107 100
121 49.3 42.9 64.3
122 90.9 69.8 104.8

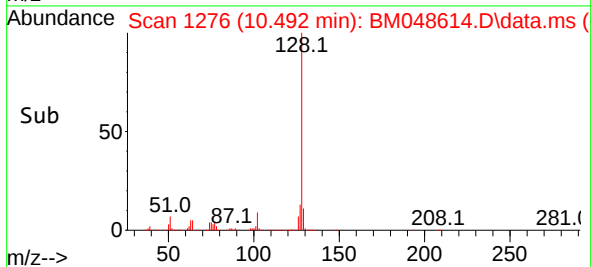
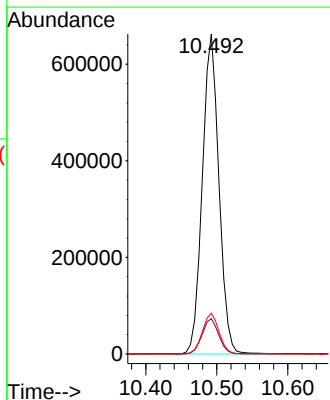
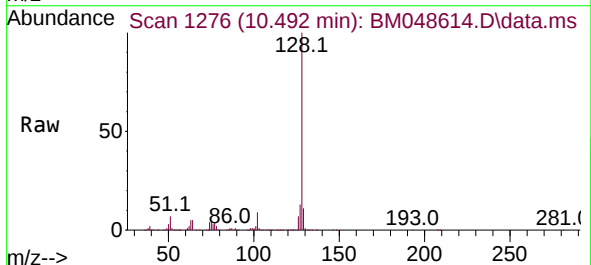
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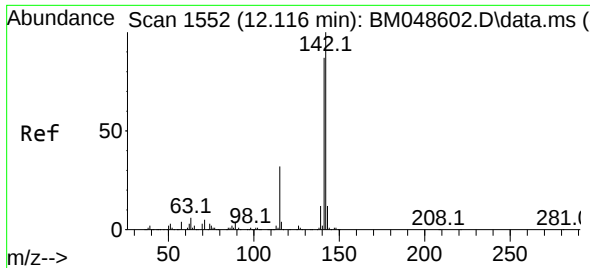
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#30
Naphthalene
Concen: 36.895 ng/ul
RT: 10.492 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM048614.D
Acq: 12 Nov 2024 10:47

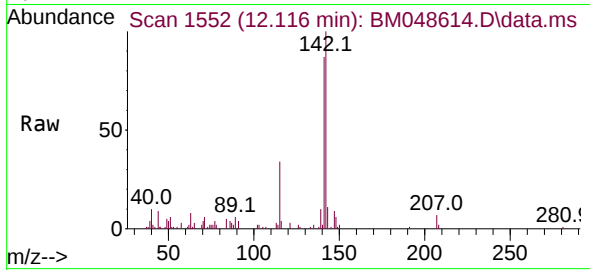
Tgt Ion:128 Resp: 1076543
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.7 10.0 15.0





#36
2-Methylnaphthalene
Concen: 1.807 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BM048614.D
Acq: 12 Nov 2024 10:47

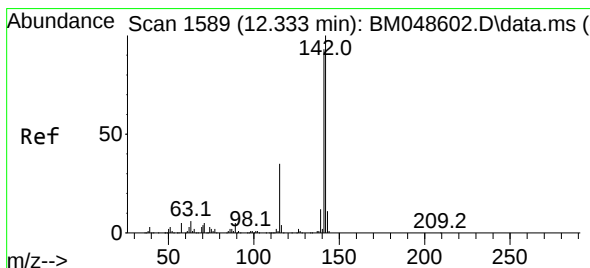
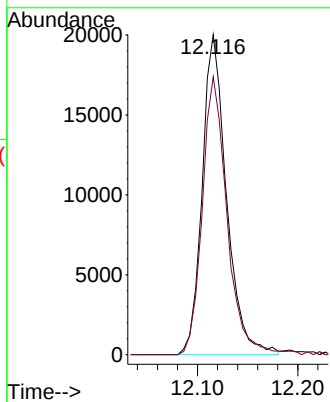
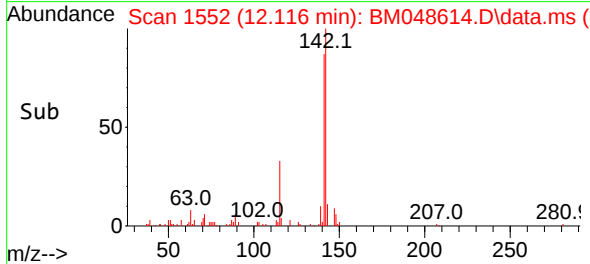
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Tgt Ion:142 Resp: 3373
Ion Ratio Lower Upper
142 100
141 86.9 71.6 107.4

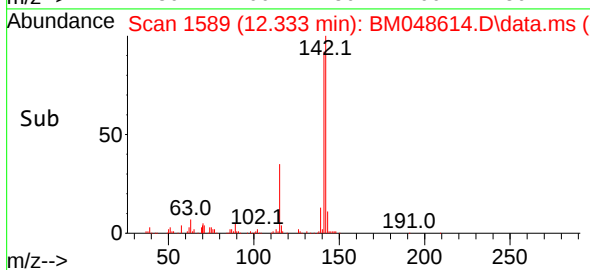
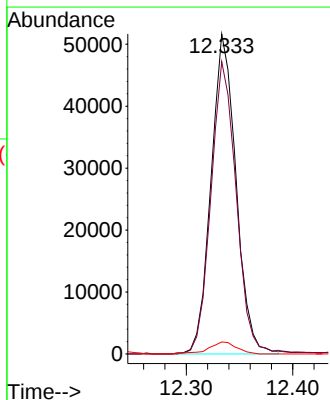
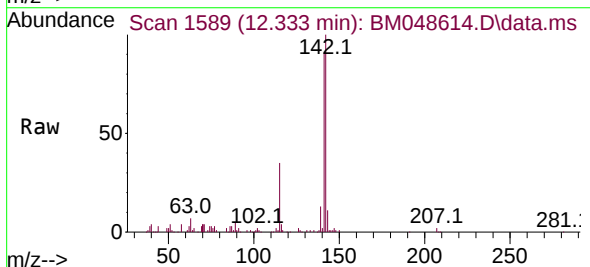
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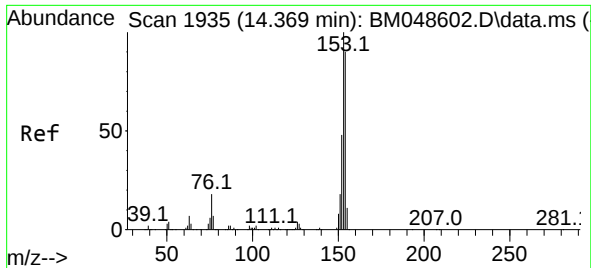
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#37
1-Methylnaphthalene
Concen: 4.392 ng/ul
RT: 12.333 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BM048614.D
Acq: 12 Nov 2024 10:47

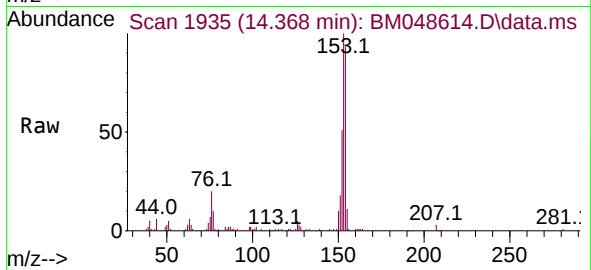
Tgt Ion:142 Resp: 84157
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4
116 3.7 2.7 4.1





#52
 Acenaphthene
 Concen: 2.807 ng/ul
 RT: 14.368 min Scan# 1935
 Delta R.T. -0.012 min
 Lab File: BM048614.D
 Acq: 12 Nov 2024 10:47

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5DL



Tgt Ion:153 Resp: 58935
 Ion Ratio Lower Upper
 153 100
 152 51.2 38.3 57.5
 154 93.1 71.1 106.7

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