

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048092.D
 Acq On : 16 Oct 2024 17:51
 Operator : RC/JU
 Sample : P4329-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FB4

Manual Integrations
 APPROVED

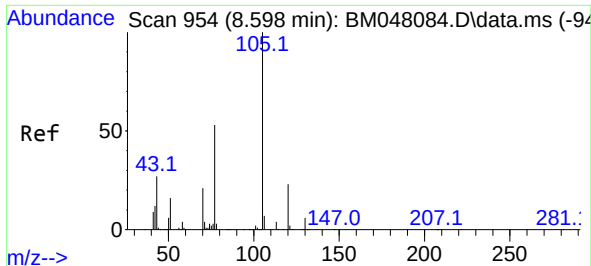
Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 16 23:14:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

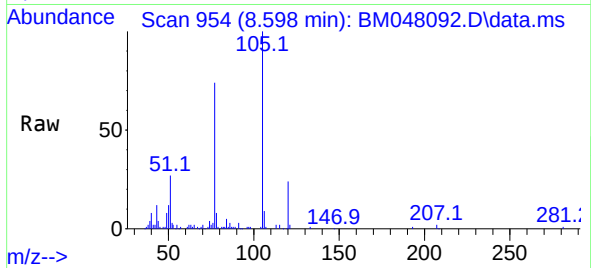
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	287057	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.569	136	1172285	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.415	164	714140	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.156	188	1392438	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1248744	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1374715	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	13153	1.481	ng/uL	0.00
4) Pyridine-d5	3.663	84	46775	1.798	ng/u1	0.00
7) Phenol-d5	6.951	99	249713	9.200	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	152327	7.908	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	222468	11.265	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	187370	9.284	ng/u1	0.00
21) Nitrobenzene-d5	8.933	128	103283m	11.065	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	108955	12.181	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	198945	11.134	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	194867m	7.054	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	608331	11.749	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	675805	11.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	73737m	7.153	ng/u1	0.02
60) Fluorene-d10	15.410	176	540115	12.044	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	26886	3.300	ng/u1	0.00
73) Anthracene-d10	17.256	188	804976	11.757	ng/u1	0.00
81) Pyrene-d10	19.545	212	637038	8.989	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	377871	5.298	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.598	105	72676	2.105	ng/u1#	89
80) Fluoranthene	19.215	202	207808	2.490	ng/u1	98
82) Pyrene	19.574	202	114719	1.235	ng/u1	98
85) Benzo(a)anthracene	21.368	228	105613	1.208	ng/u1	97
87) Chrysene	21.427	228	108917m	1.278	ng/u1	
90) Benzo(b)fluoranthene	23.433	252	124332	1.450	ng/u1#	91

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



#16
Acetophenone
Concen: 2.105 ng/u1
RT: 8.598 min Scan# 954
Delta R.T. -0.012 min
Lab File: BM048092.D
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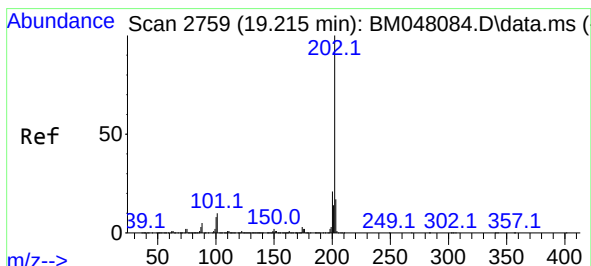
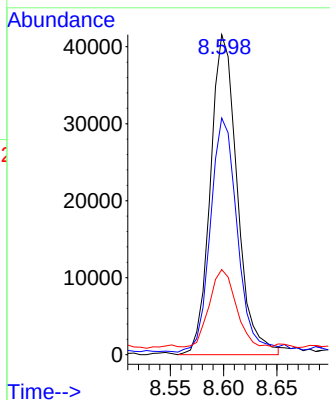
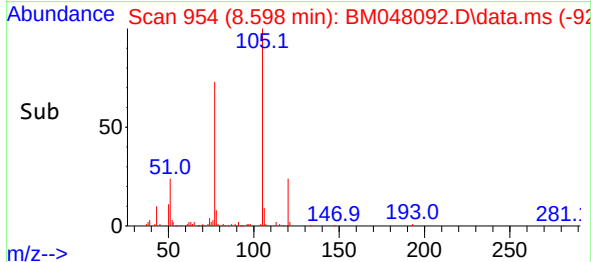
Instrument :
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A4FB4



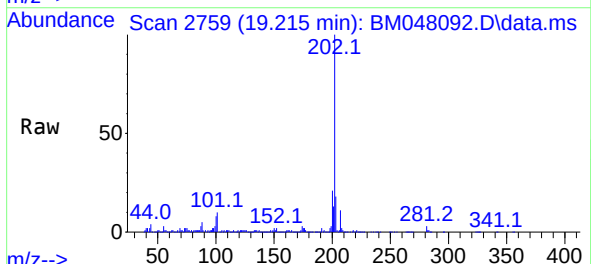
Tgt Ion:105 Resp: 72670
Ion Ratio Lower Upper
105 100
77 73.9 66.6 100.0
51 26.6 27.0 40.4

Manual Integrations
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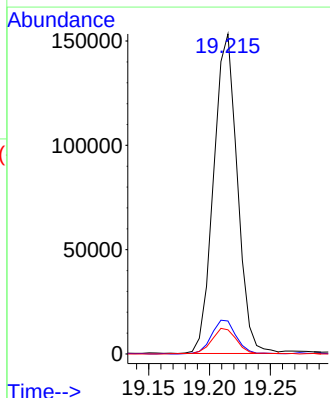
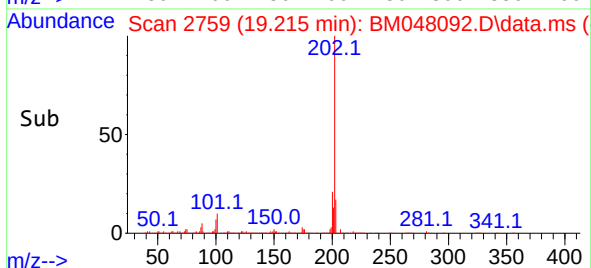
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

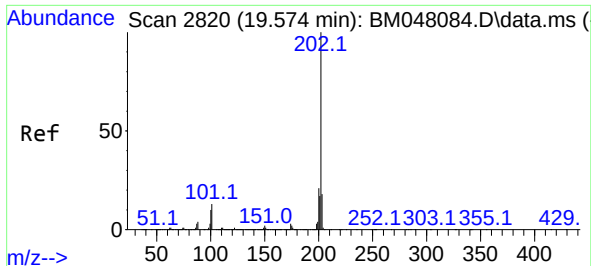


#80
Fluoranthene
Concen: 2.490 ng/u1
RT: 19.215 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM048092.D
Acq: 16 Oct 2024 17:51



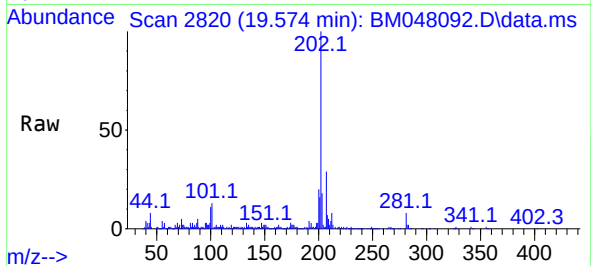
Tgt Ion:202 Resp: 207808
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.4
100 7.6 6.8 10.2





#82
Pyrene
Concen: 1.235 ng/ul
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM048092.D
Acq: 16 Oct 2024 17:51

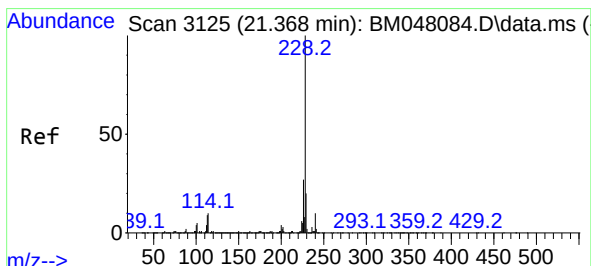
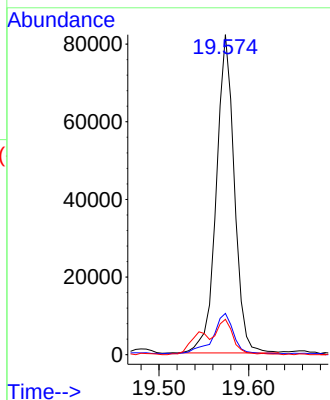
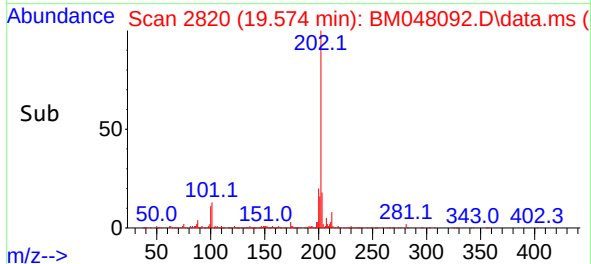
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Tgt Ion:202 Resp: 114719
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 11.0 9.4 14.2

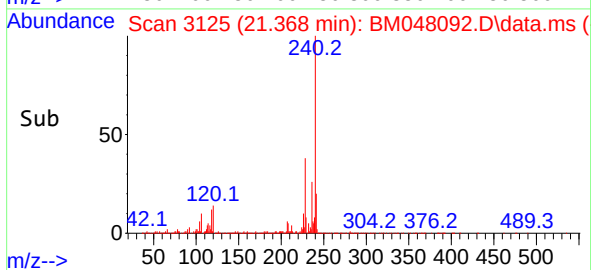
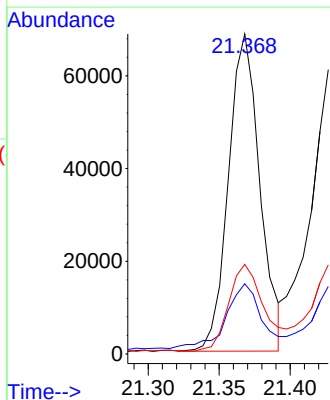
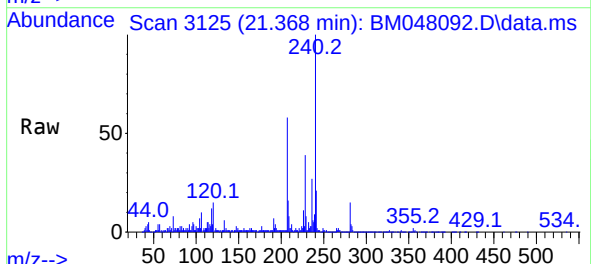
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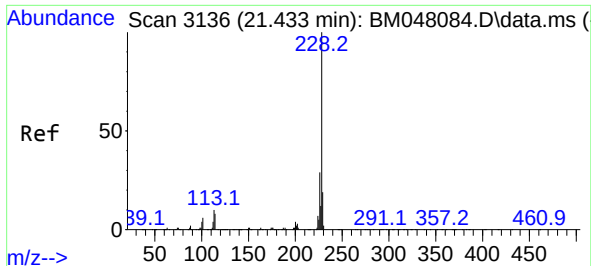
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#85
Benzo(a)anthracene
Concen: 1.208 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048092.D
Acq: 16 Oct 2024 17:51

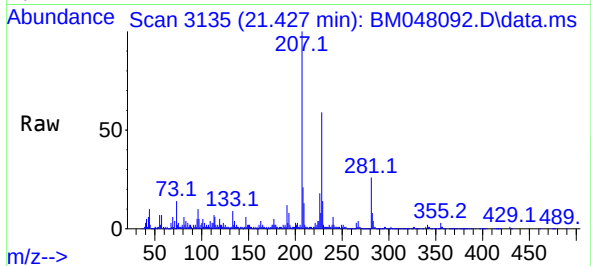
Tgt Ion:228 Resp: 105613
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 28.0 21.9 32.9





#87
Chrysene
Concen: 1.278 ng/ul m
RT: 21.427 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM048092.D
Acq: 16 Oct 2024 17:51

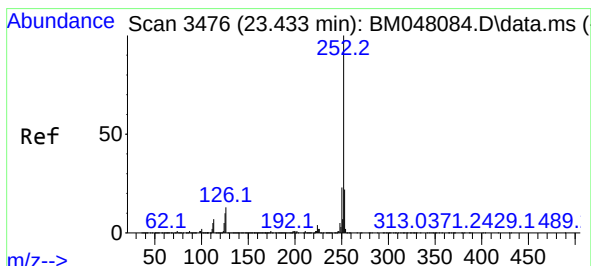
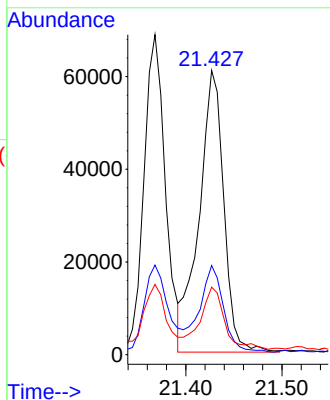
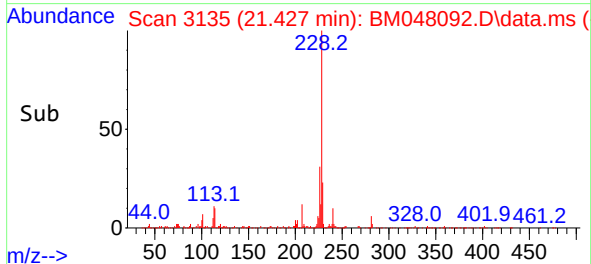
Instrument :
BNA_M
ClientSampleId :
A4FB4



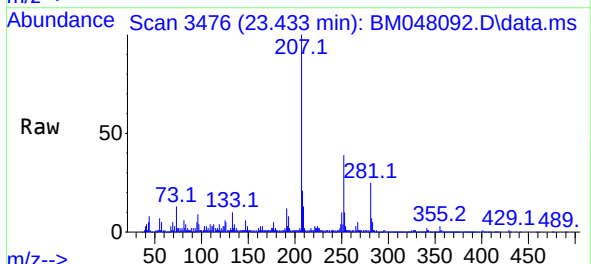
Tgt Ion:228 Resp: 108917
Ion Ratio Lower Upper
228 100
226 31.4 23.6 35.4
229 23.8 15.3 22.9

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#90
Benzo(b)fluoranthene
Concen: 1.450 ng/ul
RT: 23.433 min Scan# 3476
Delta R.T. 0.006 min
Lab File: BM048092.D
Acq: 16 Oct 2024 17:51



Tgt Ion:252 Resp: 124332
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.2
125 15.7 9.0 13.4

