

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037935.D
 Acq On : 10 Dec 2022 15:09
 Operator : CG/JU
 Sample : N5832-17MEDL2 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL2MEDL2

Quant Time: Dec 11 21:27:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	213591	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	778061	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	391589	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	775026	20.000	ng/u1	0.00
79) Chrysene-d12	21.615	240	811091	20.000	ng/u1	0.00
88) Perylene-d12	24.097	264	929518	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1709m	0.363	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.234	99	16242	0.936	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	12107	1.146	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	14970	1.051	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	11544	0.852	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	7283	1.182	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	6489	1.005	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	11476	0.936	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	22499	1.329	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	34877	1.249	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	39902	1.169	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	2276m	0.478	ng/u1	0.00
60) Fluorene-d10	15.692	176	32479	1.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	1913	0.462	ng/u1	0.00
73) Anthracene-d10	17.545	188	58918	1.629	ng/u1	0.00
81) Pyrene-d10	19.827	212	63873	1.311	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	62510	1.346	ng/u1	-0.01
Target Compounds						Qvalue
52) Acenaphthene	14.769	153	123519	4.760	ng/u1	98
61) Fluorene	15.751	166	204249	7.069	ng/u1	94
72) Phenanthrene	17.492	178	764540	18.064	ng/u1	100
74) Anthracene	17.580	178	1898627	44.142	ng/u1	99
80) Fluoranthene	19.498	202	767486	13.347	ng/u1	97
82) Pyrene	19.856	202	568526	9.500	ng/u1	97
85) Benzo(a)anthracene	21.597	228	145528	2.665	ng/u1	97
87) Chrysene	21.656	228	185568	3.622	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	153691	2.667	ng/u1	97
93) Benzo(a)pyrene	23.986	252	61247	1.209	ng/u1	96

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

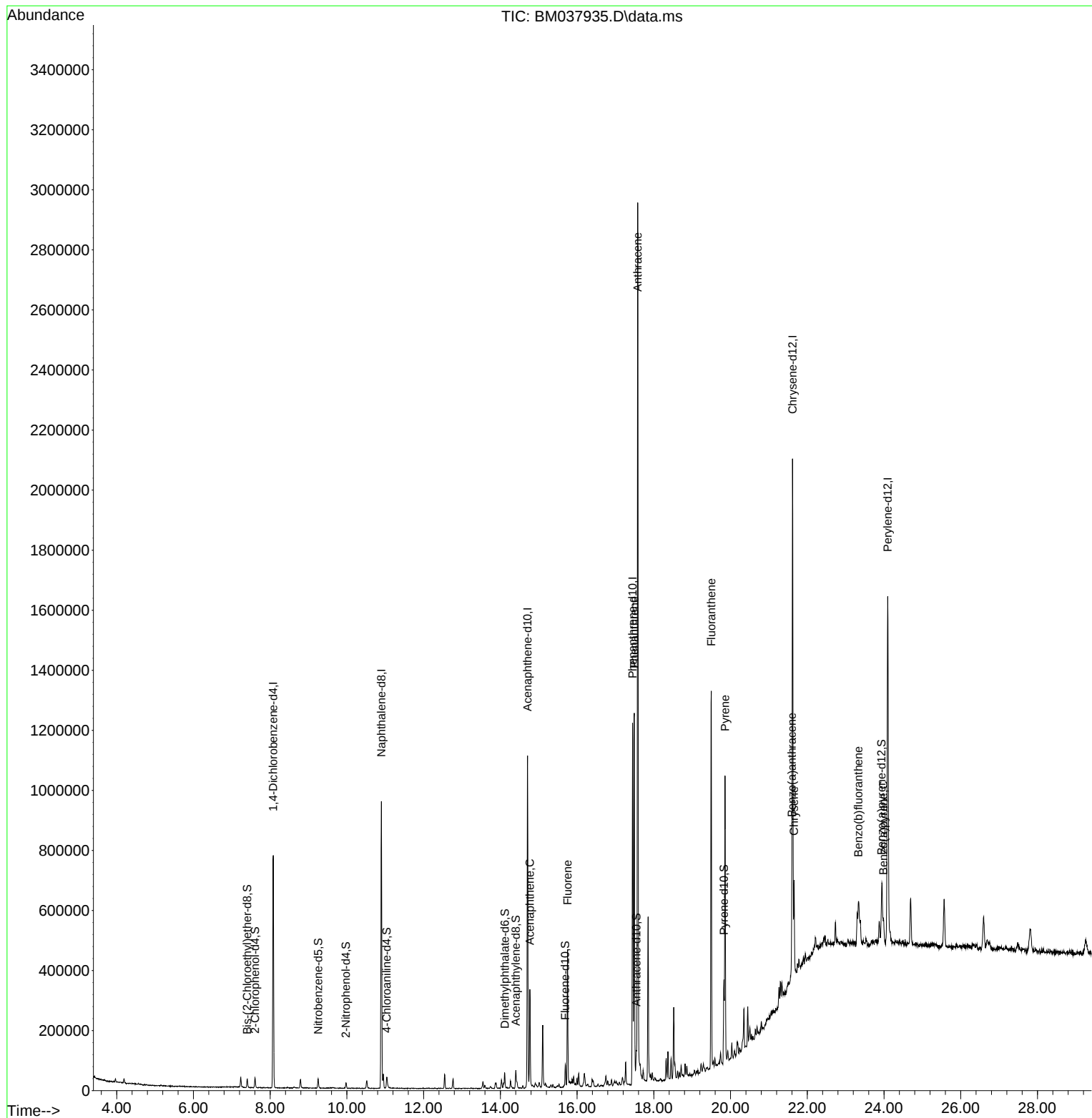
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037935.D
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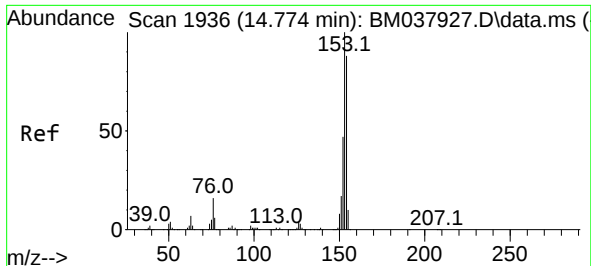
Instrument :
BNA_M
ClientSampleId :
DBXL2MEDL2

Quant Time: Dec 11 21:27:05 2022
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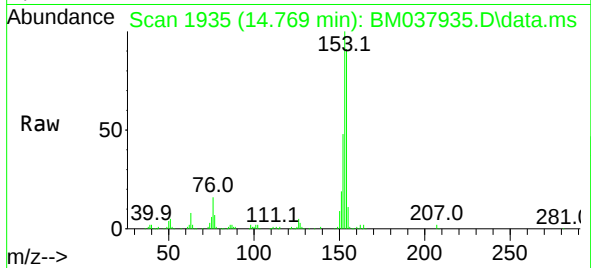
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022





#52
Acenaphthene
Concen: 4.760 ng/ul
RT: 14.769 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09

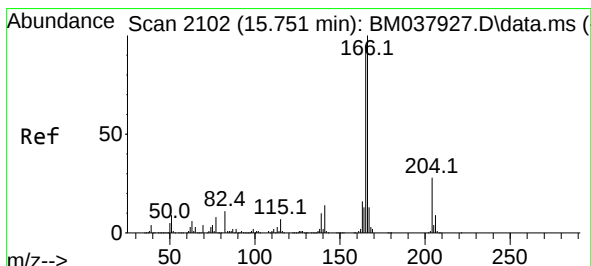
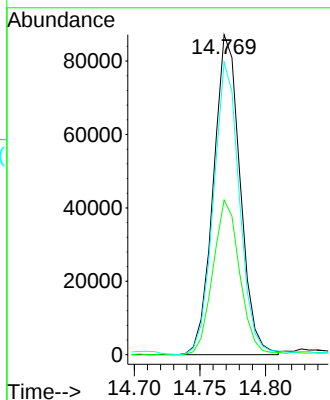
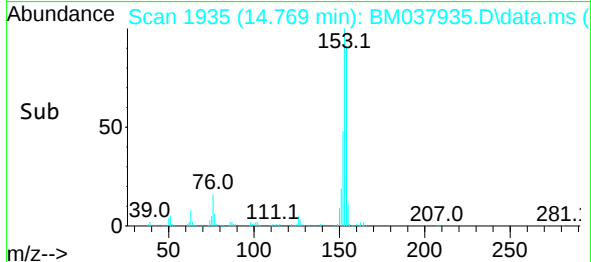
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BNA_M
ClientSampleId :
DBXL2MEDL2



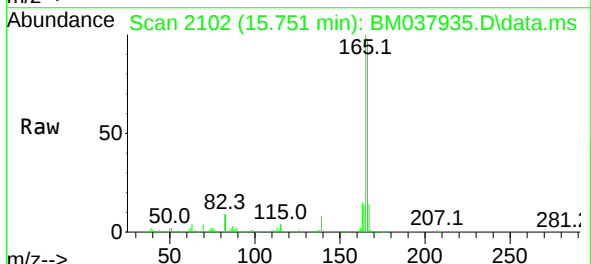
Tgt Ion:153 Resp: 123519
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 91.4 71.4 107.0

Manual Integrations
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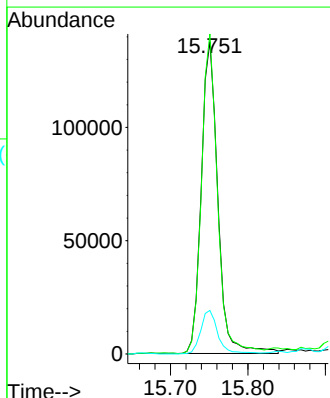
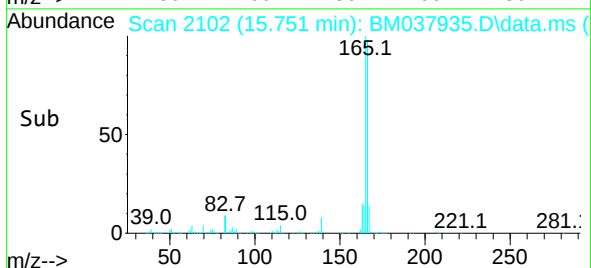
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Supervised By :mohammad ahmed 12/12/2022

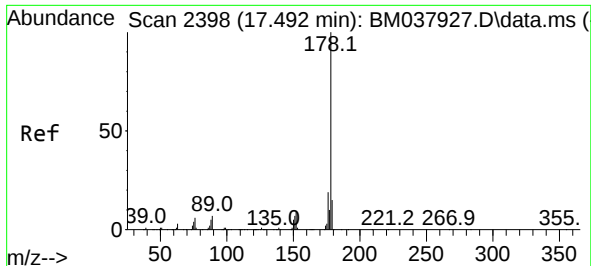


#61
Fluorene
Concen: 7.069 ng/ul
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09



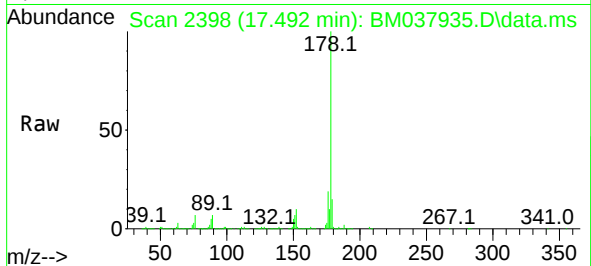
Tgt Ion:166 Resp: 204249
Ion Ratio Lower Upper
166 100
165 102.5 77.2 115.8
167 13.9 10.4 15.6





#72
Phenanthrene
Concen: 18.064 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09

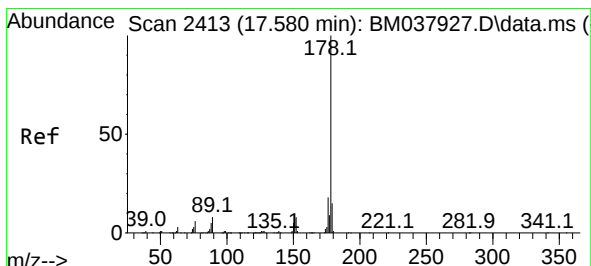
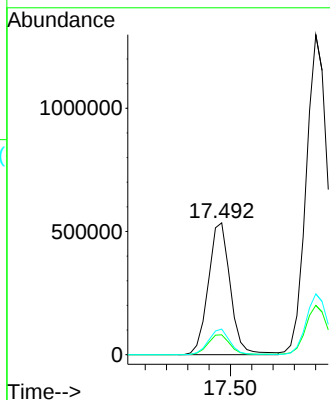
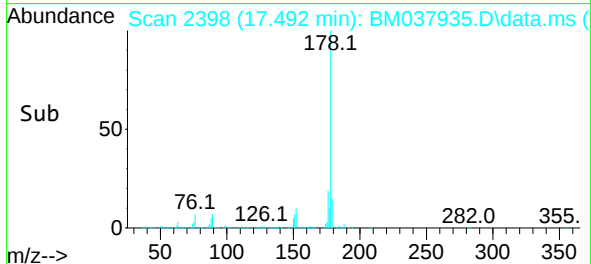
Instrument :
BNA_M
ClientSampleId :
DBXL2MEDL2



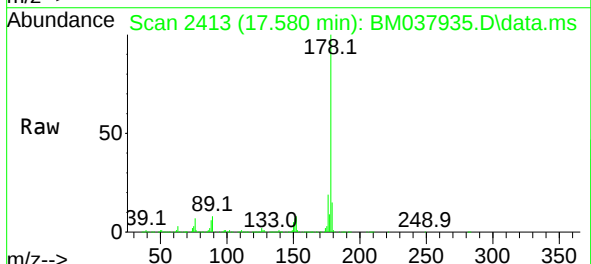
Tgt Ion:178 Resp: 764540
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.5 15.4 23.0

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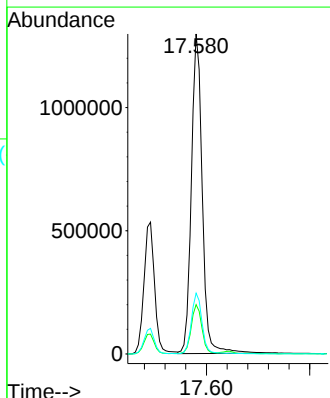
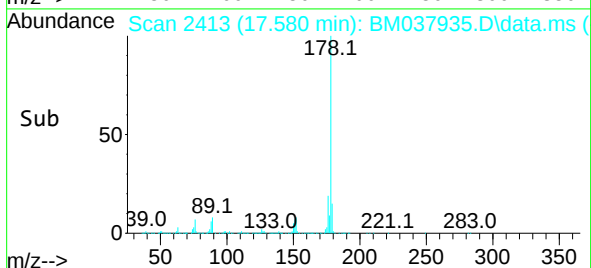
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

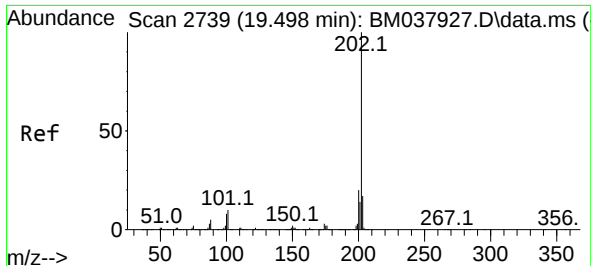


#74
Anthracene
Concen: 44.142 ng/ul
RT: 17.580 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09



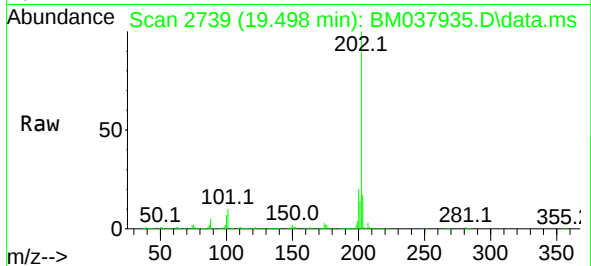
Tgt Ion:178 Resp: 1898627
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.8
176 19.0 15.0 22.6





#80
Fluoranthene
Concen: 13.347 ng/ul
RT: 19.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09

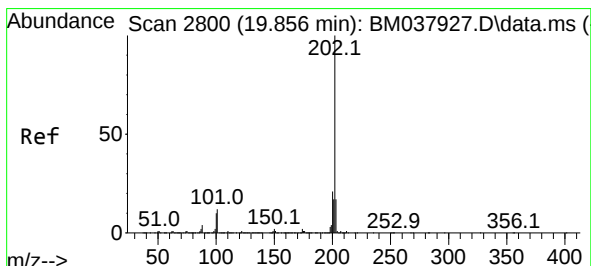
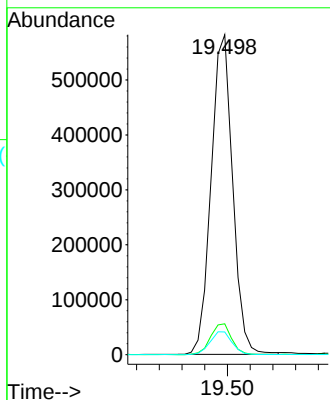
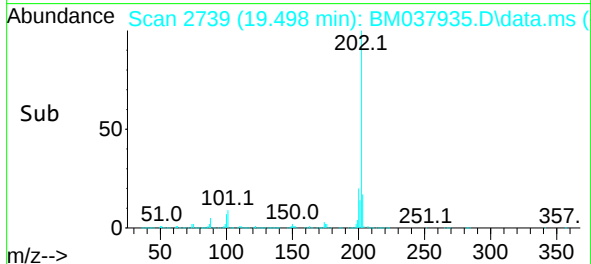
Instrument :
BNA_M
ClientSampleId :
DBXL2MEDL2



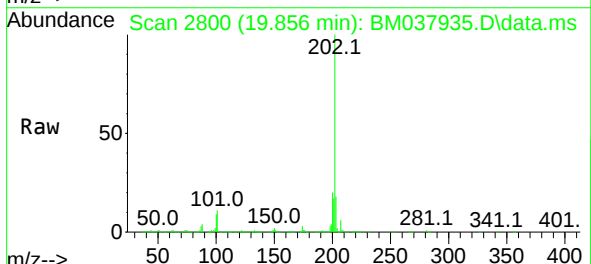
Tgt Ion:202 Resp: 767480
Ion Ratio Lower Upper
202 100
101 9.6 8.6 13.0
100 7.1 6.6 10.0

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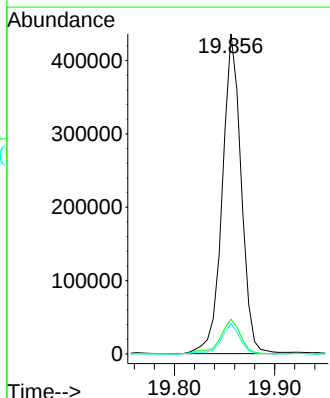
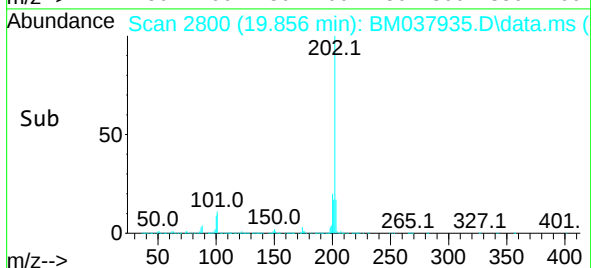
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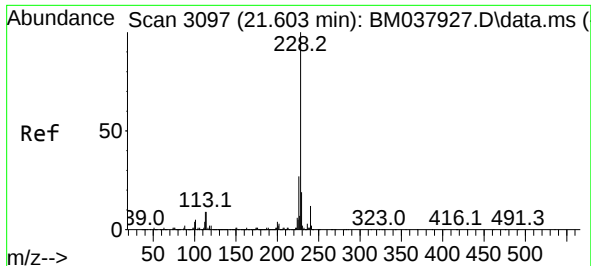


#82
Pyrene
Concen: 9.500 ng/ul
RT: 19.856 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09



Tgt Ion:202 Resp: 568526
Ion Ratio Lower Upper
202 100
101 10.9 10.0 15.0
100 9.5 7.9 11.9





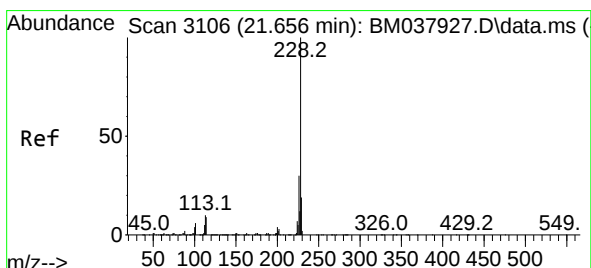
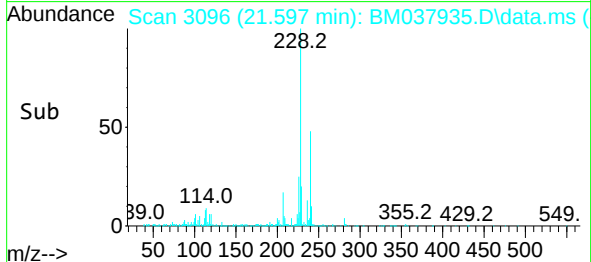
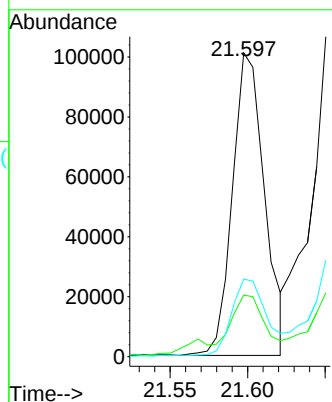
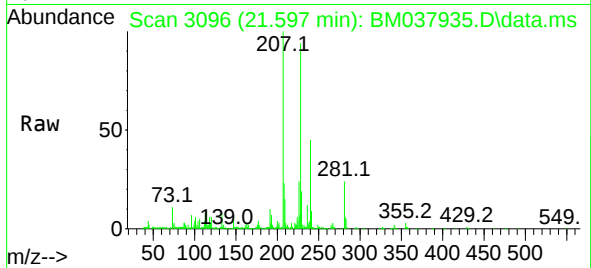
#85
Benzo(a)anthracene
Concen: 2.665 ng/u1
RT: 21.597 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
DBXL2MEDL2

Tgt Ion:228 Resp: 145528
Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 25.5 21.8 32.8

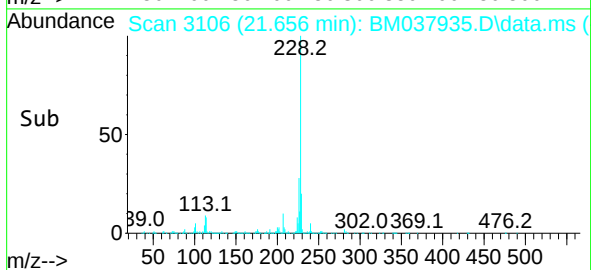
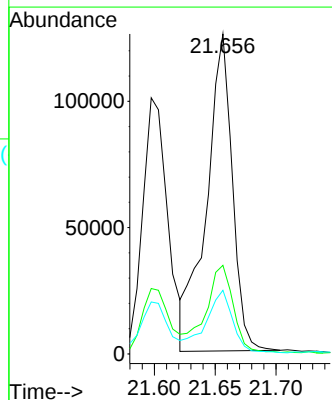
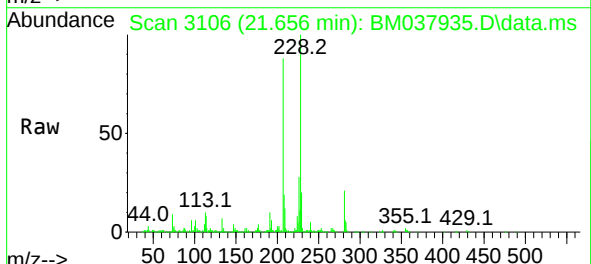
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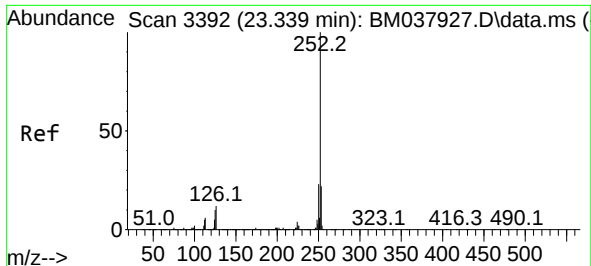
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#87
Chrysene
Concen: 3.622 ng/u1
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09

Tgt Ion:228 Resp: 185568
Ion Ratio Lower Upper
228 100
226 27.7 24.3 36.5
229 19.9 15.6 23.4





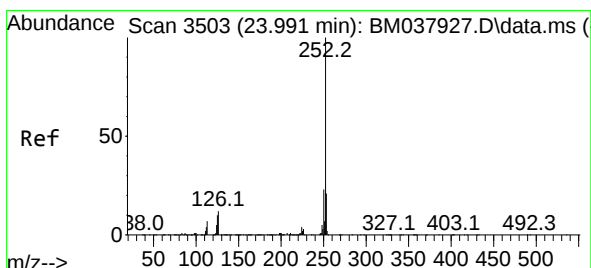
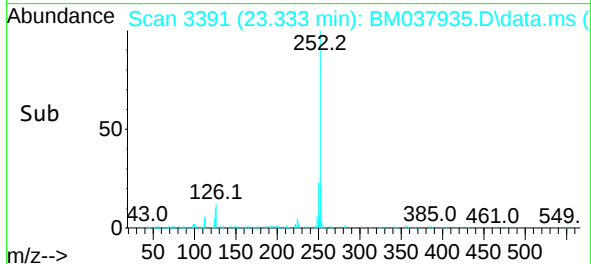
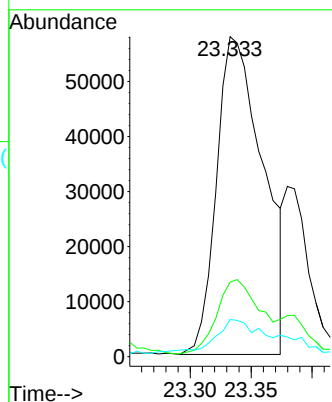
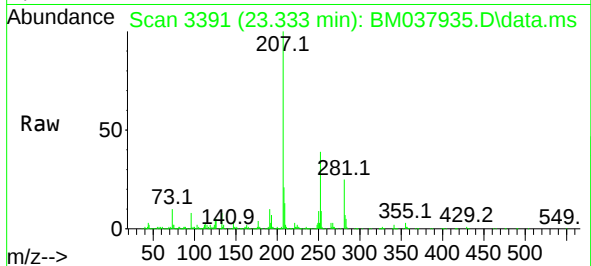
#90
Benzo(b)fluoranthene
Concen: 2.667 ng/u1
RT: 23.333 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
DBXL2MEDL2

Tgt Ion:252 Resp: 15369
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 11.6 8.0 12.0

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#93
Benzo(a)pyrene
Concen: 1.209 ng/u1
RT: 23.986 min Scan# 3502
Delta R.T. -0.006 min
Lab File: BM037935.D
Acq: 10 Dec 2022 15:09

Tgt Ion:252 Resp: 61247
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 10.6 9.4 14.0

