

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037938.D
 Acq On : 10 Dec 2022 17:17
 Operator : CG/JU
 Sample : N5896-12MEDL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXN0MEDL

Quant Time: Dec 11 21:27:51 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	8.075	152	214322	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	802567	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	425371	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	838444	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	829325	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	961323	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	13949	2.955	ng/uL	0.00
4) Pyridine-d5	3.857	84	172299	12.305	ng/u1	0.00
7) Phenol-d5	7.234	99	274582	15.766	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	173539	16.364	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	236683	16.566	ng/u1	0.00
15) 4-Methylphenol-d8	8.786	113	219365	16.136	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	120323	18.935	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	124572	18.707	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	213917	16.913	ng/u1	0.00
31) 4-Chloroaniline-d4	11.033	131	281390	16.117	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	623502	20.560	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	738845	19.934	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	79347	15.352	ng/u1	0.00
60) Fluorene-d10	15.698	176	546737	20.236	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	61781	13.782	ng/u1	0.00
73) Anthracene-d10	17.545	188	803684	20.538	ng/u1	0.00
81) Pyrene-d10	19.827	212	981078	19.693	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	1010529	21.046	ng/u1	0.00
Target Compounds					Qvalue	
37) 1-Methylnaphthalene	12.763	142	47220	1.644	ng/u1	95
50) Acenaphthylene	14.433	152	84568	2.075	ng/u1	98
52) Acenaphthene	14.774	153	773672	27.446	ng/u1	99
61) Fluorene	15.751	166	806530	25.697	ng/u1	98
72) Phenanthrene	17.492	178	3139048	68.557	ng/u1	99
74) Anthracene	17.580	178	2125678	45.683	ng/u1	99
80) Fluoranthene	19.498	202	3736542	63.553	ng/u1	99
82) Pyrene	19.862	202	2720278	44.457	ng/u1	99
85) Benzo(a)anthracene	21.603	228	643665	11.528	ng/u1	98
87) Chrysene	21.656	228	715515	13.659	ng/u1	98
90) Benzo(b)fluoranthene	23.338	252	935519	15.697	ng/u1	99
91) Benzo(k)fluoranthene	23.386	252	271203m	4.695	ng/u1	
93) Benzo(a)pyrene	23.991	252	387169	7.387	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.685	276	219112	3.246	ng/u1	95
95) Dibenzo(a,h)anthracene	26.691	278	58240m	1.024	ng/u1	
96) Benzo(g,h,i)perylene	27.491	276	168695	3.130	ng/u1	96

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

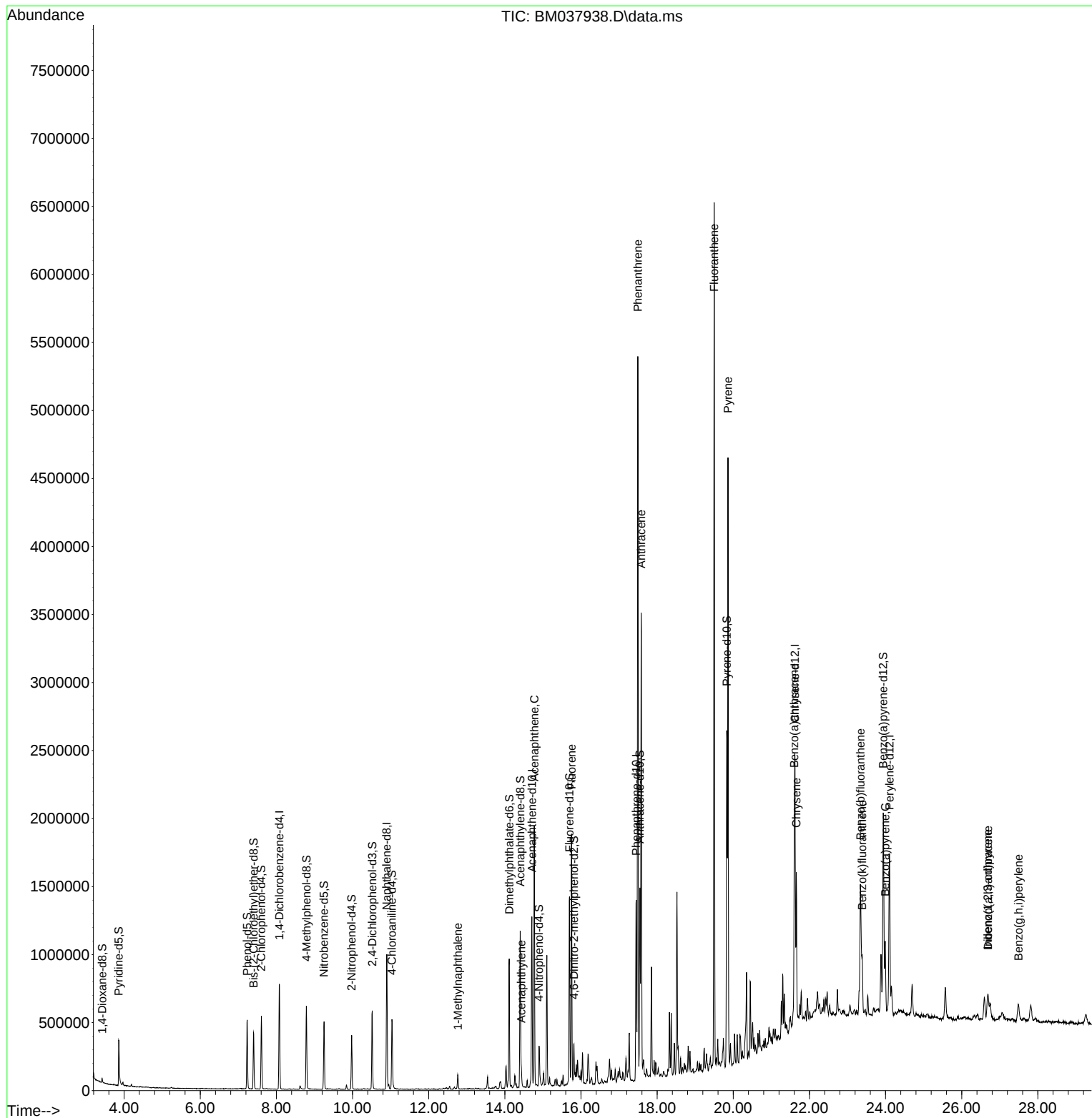
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037938.D
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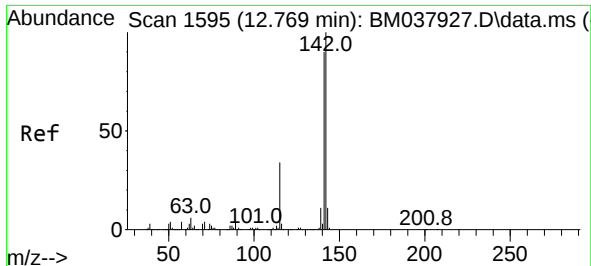
Instrument :
 BNA_M
 ClientSampleId :
 DBXN0MEDL

Quant Time: Dec 11 21:27:51 2022
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#37

1-Methylnaphthalene

Concen: 1.644 ng/ul

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037938.D

Acq: 10 Dec 2022 17:17

Instrument :

BNA_M

ClientSampleId :

DBXN0MEDL

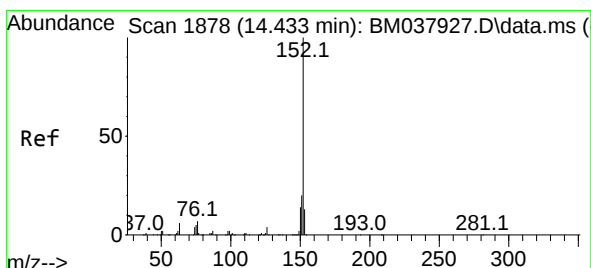
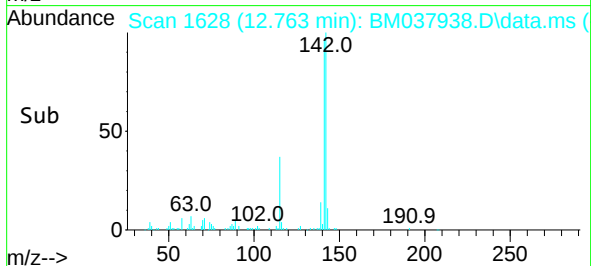
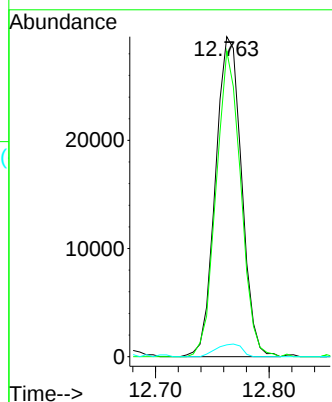
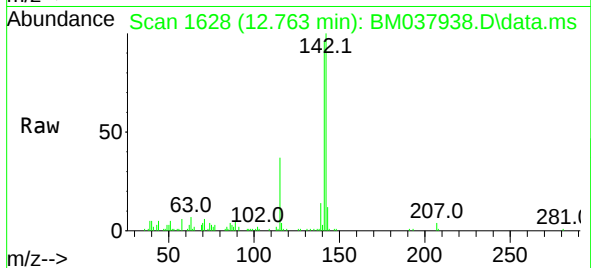
Tgt Ion:142 Resp: 47220

Ion	Ratio	Lower	Upper
142	100		
141	95.6	72.4	108.6
116	3.7	2.9	4.3

Manual Integrations

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#50

Acenaphthylene

Concen: 2.075 ng/ul

RT: 14.433 min Scan# 1912

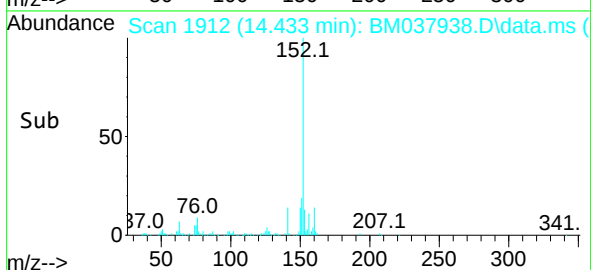
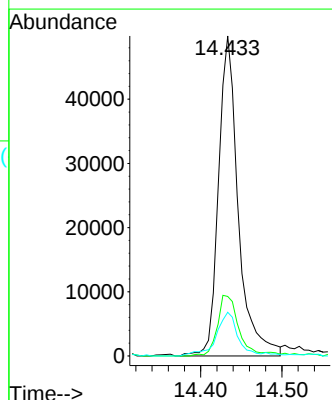
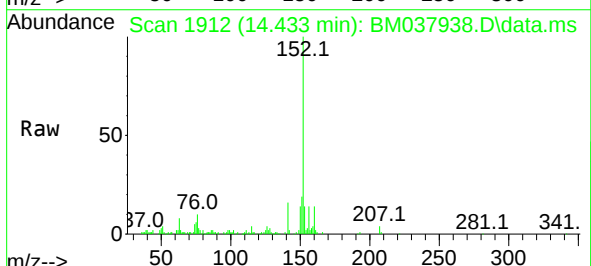
Delta R.T. -0.006 min

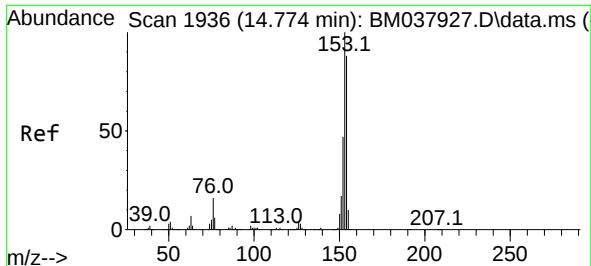
Lab File: BM037938.D

Acq: 10 Dec 2022 17:17

Tgt Ion:152 Resp: 84568

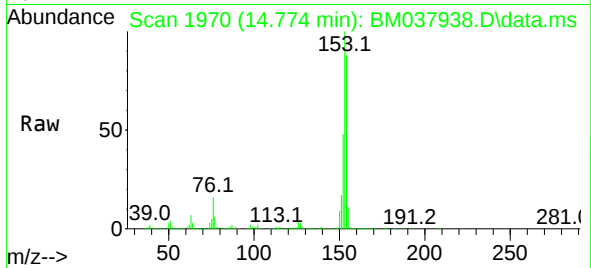
Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.3	22.9
153	13.7	10.2	15.4





#52
Acenaphthene
Concen: 27.446 ng/ul
RT: 14.774 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17

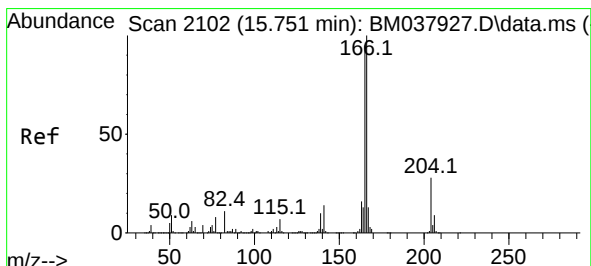
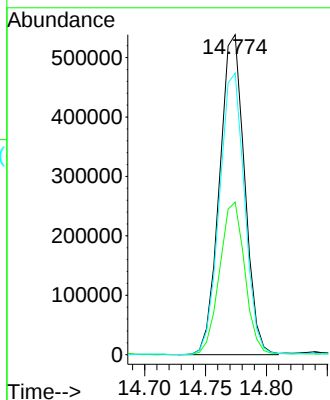
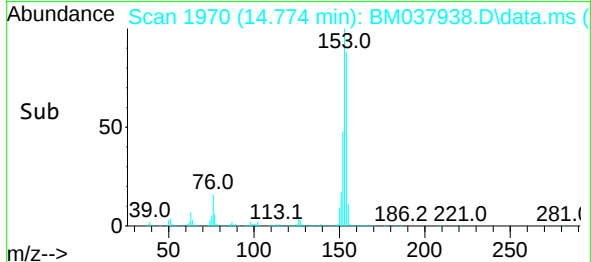
Instrument :
BNA_M
ClientSampleId :
DBXN0MEDL



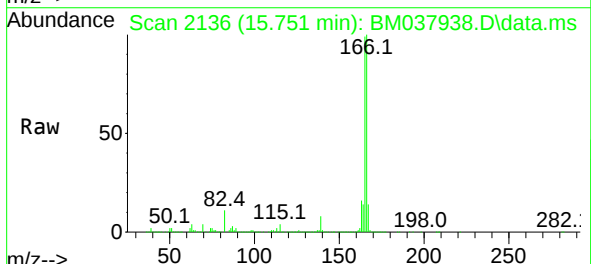
Tgt Ion:153 Resp: 773672
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.4
154 88.0 71.4 107.0

Manual Integrations
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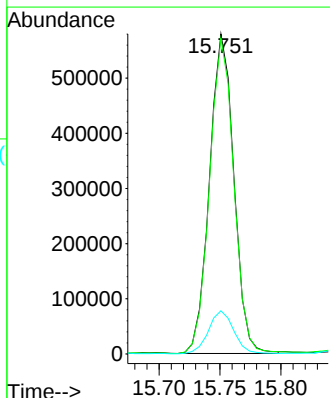
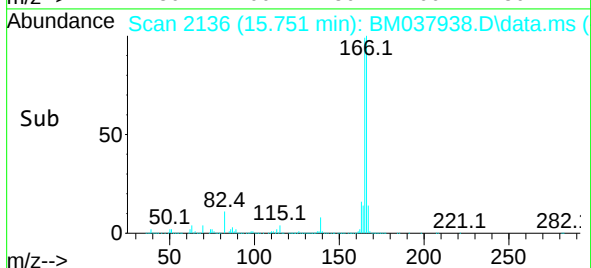
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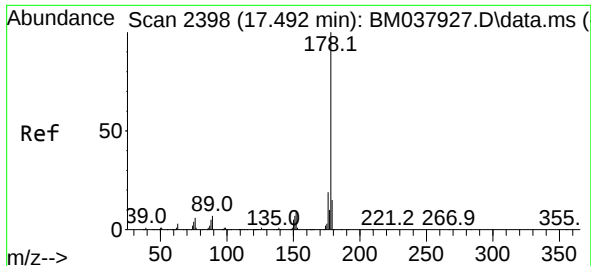


#61
Fluorene
Concen: 25.697 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17



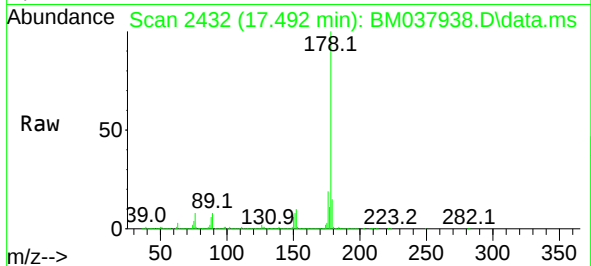
Tgt Ion:166 Resp: 806530
Ion Ratio Lower Upper
166 100
165 98.7 77.2 115.8
167 13.5 10.4 15.6





#72
Phenanthrene
Concen: 68.557 ng/u1
RT: 17.492 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17

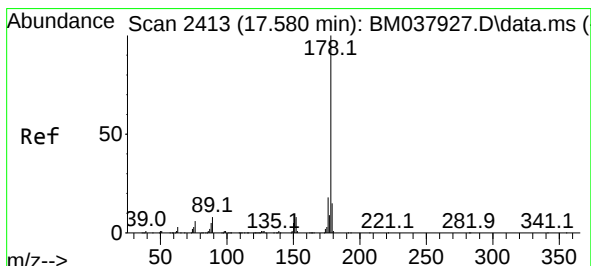
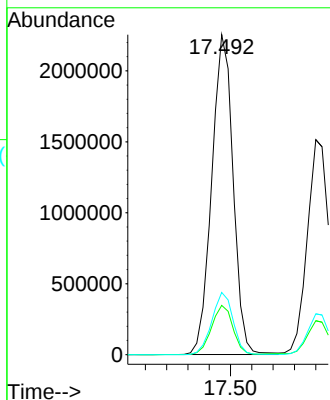
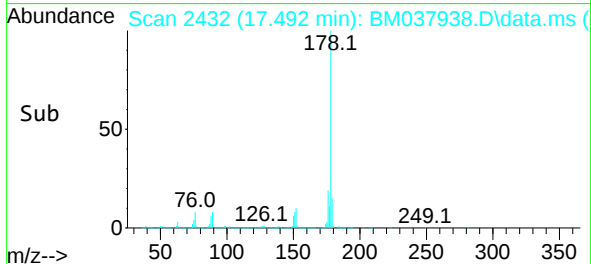
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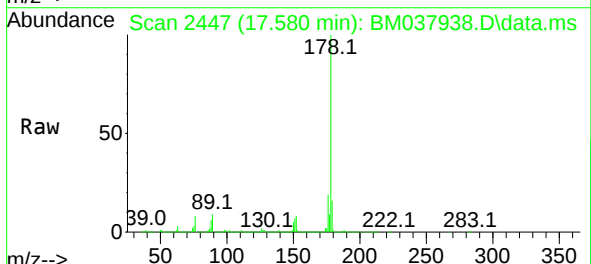
Tgt Ion:178 Resp: 313904
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.4 15.4 23.0

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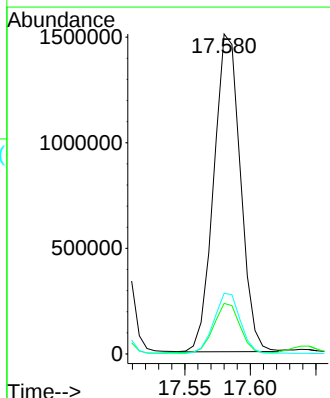
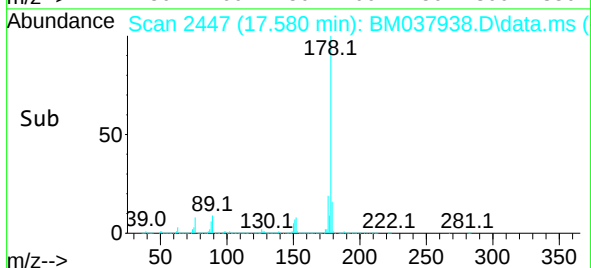
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

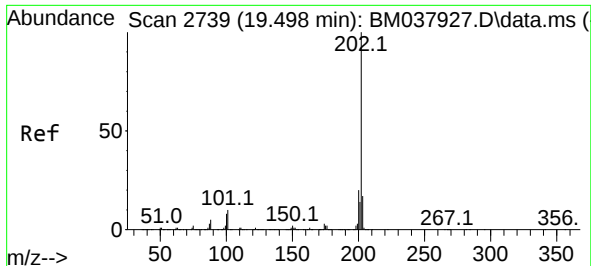


#74
Anthracene
Concen: 45.683 ng/u1
RT: 17.580 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17



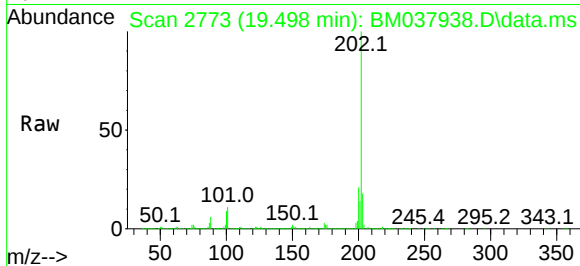
Tgt Ion:178 Resp: 2125678
Ion Ratio Lower Upper
178 100
179 15.8 11.8 17.8
176 19.0 15.0 22.6





#80
Fluoranthene
Concen: 63.553 ng/u1
RT: 19.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17

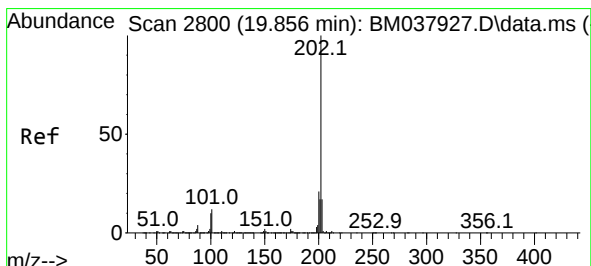
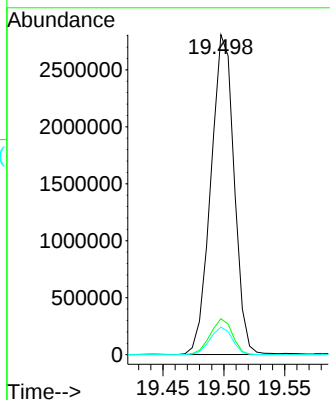
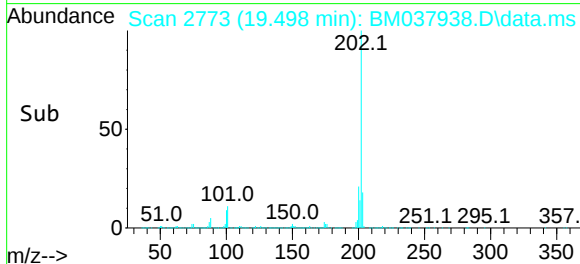
Instrument :
BNA_M
ClientSampleId :
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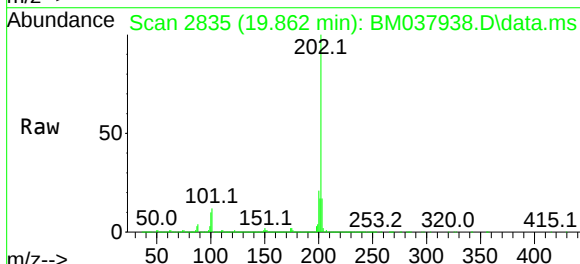
Tgt Ion:202 Resp: 373654
Ion Ratio Lower Upper
202 100
101 11.3 8.6 13.0
100 8.6 6.6 10.0

Manual Integrations
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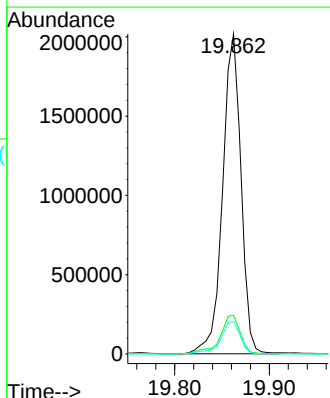
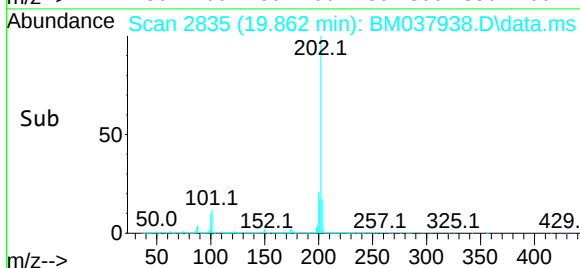
Reviewed By :Jagrut Upadhyay 12/12/2022
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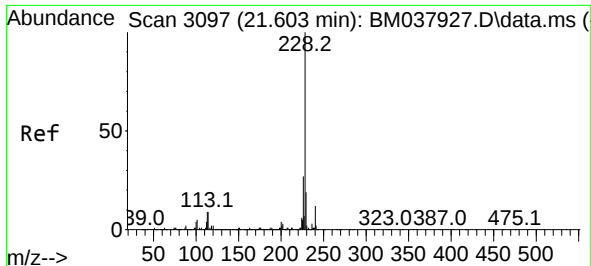


#82
Pyrene
Concen: 44.457 ng/u1
RT: 19.862 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17



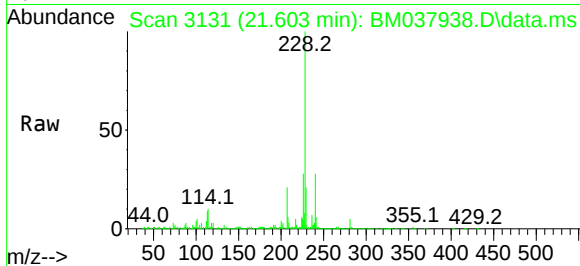
Tgt Ion:202 Resp: 2720278
Ion Ratio Lower Upper
202 100
101 12.1 10.0 15.0
100 10.2 7.9 11.9





#85
Benzo(a)anthracene
Concen: 11.528 ng/u1
RT: 21.603 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17

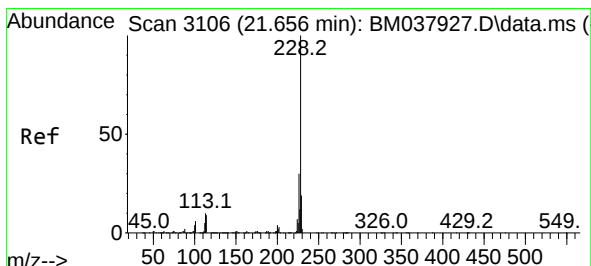
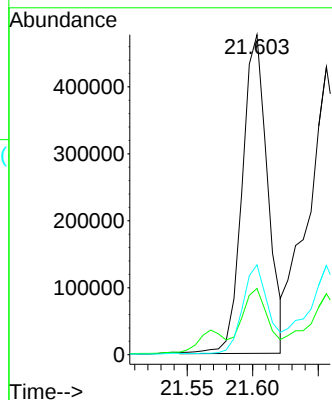
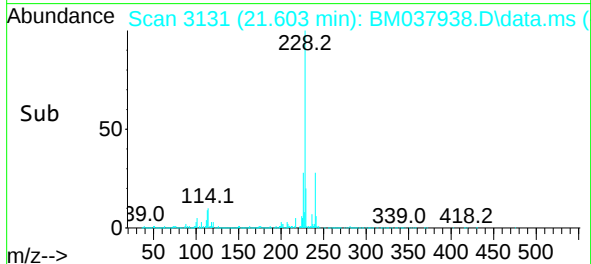
Instrument :
BNA_M
ClientSampleId :
DBXN0MEDL



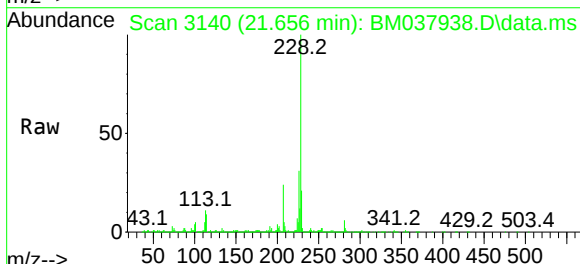
Tgt Ion:228 Resp: 64366
Ion Ratio Lower Upper
228 100
229 20.7 15.5 23.3
226 28.1 21.8 32.8

Manual Integrations
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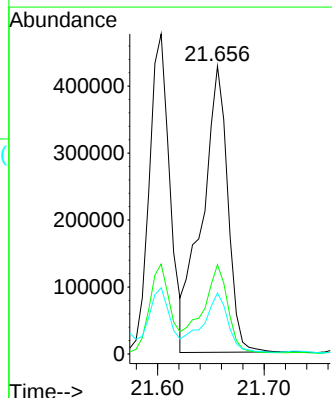
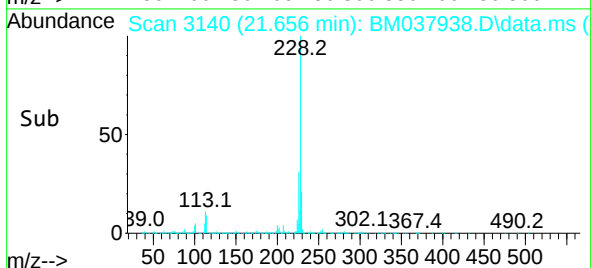
Reviewed By :Jagrut Upadhyay 12/12/2022
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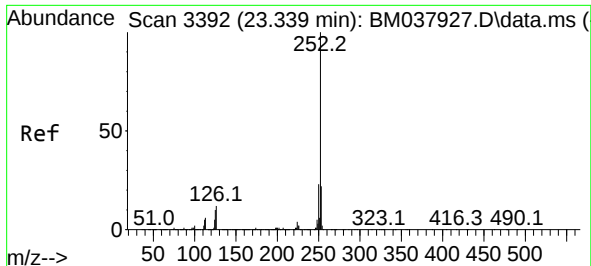


#87
Chrysene
Concen: 13.659 ng/u1
RT: 21.656 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17



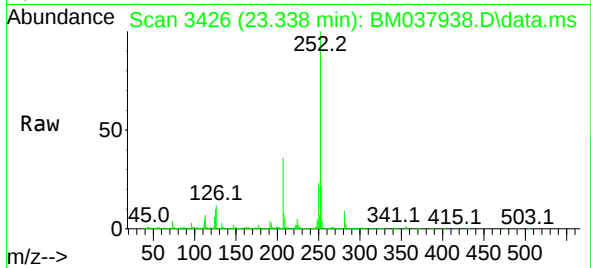
Tgt Ion:228 Resp: 715515
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.2 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 15.697 ng/ul
RT: 23.338 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17

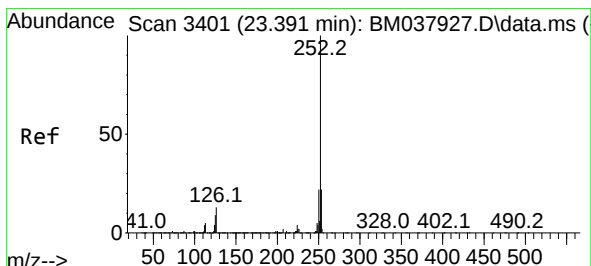
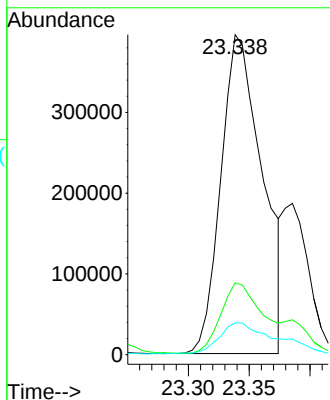
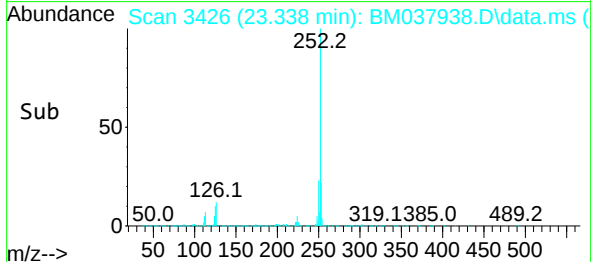
Instrument :
BNA_M
ClientSampleId :
DBXN0MEDL



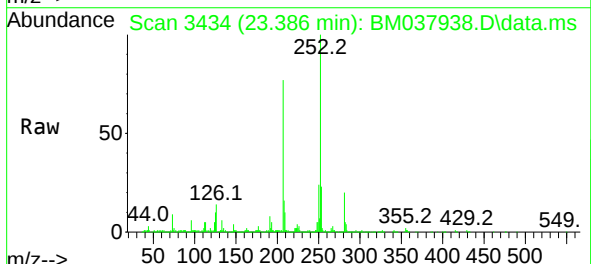
Tgt Ion:252 Resp: 935519
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 10.0 8.0 12.0

Manual Integrations
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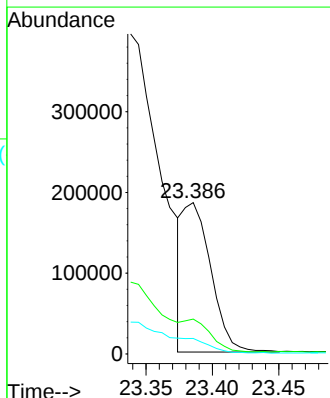
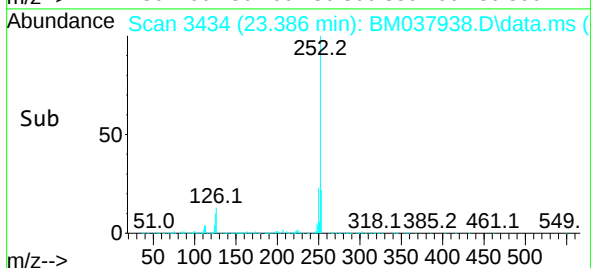
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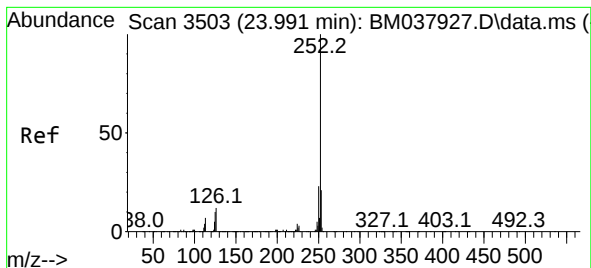


#91
Benzo(k)fluoranthene
Concen: 4.695 ng/ul m
RT: 23.386 min Scan# 3434
Delta R.T. -0.006 min
Lab File: BM037938.D
Acq: 10 Dec 2022 17:17



Tgt Ion:252 Resp: 271203
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.3 8.1 12.1





#93

Benzo(a)pyrene

Concen: 7.387 ng/ul

RT: 23.991 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM037938.D

Acq: 10 Dec 2022 17:17

Instrument :

BNA_M

ClientSampleId :

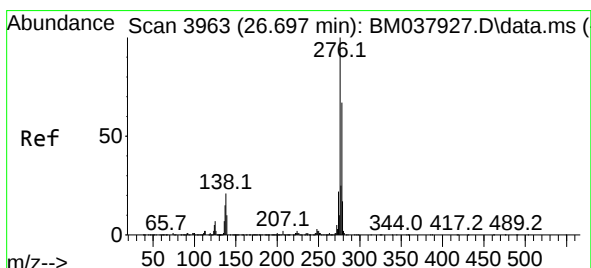
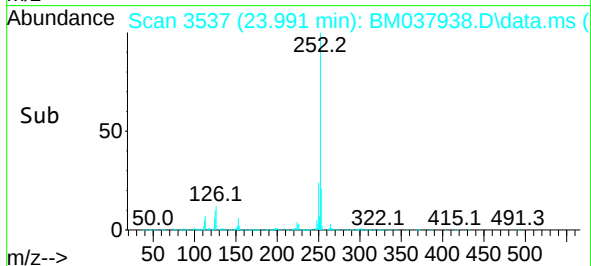
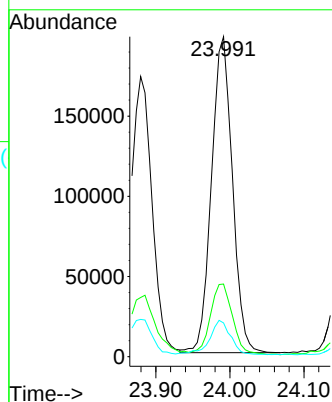
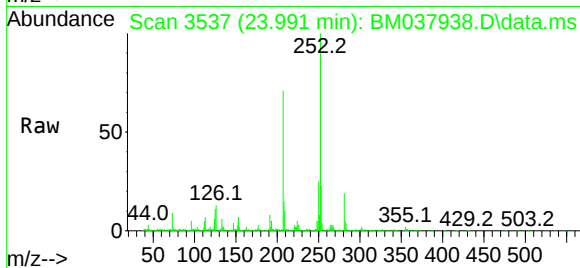
DBXN0MEDL

Tgt Ion:	252	Resp:	387169
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	10.5	9.4	14.0

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.246 ng/ul

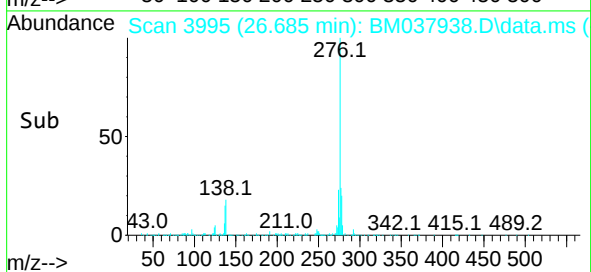
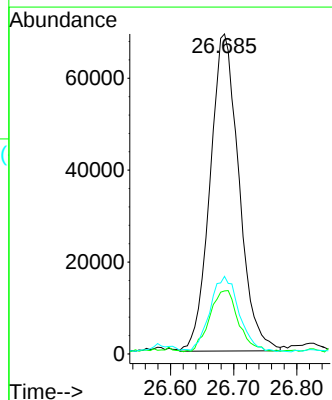
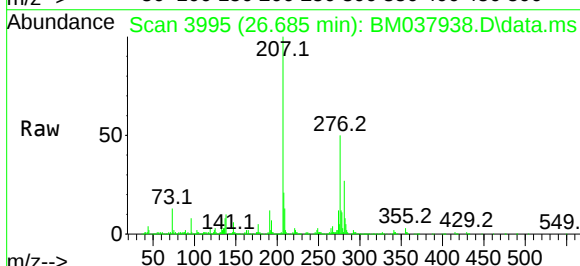
RT: 26.685 min Scan# 3995

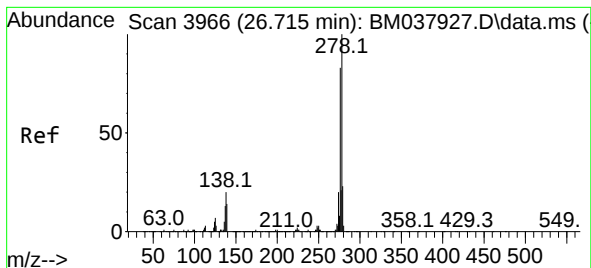
Delta R.T. -0.018 min

Lab File: BM037938.D

Acq: 10 Dec 2022 17:17

Tgt Ion:	276	Resp:	219112
Ion Ratio	Lower	Upper	
276	100		
138	19.7	19.3	28.9
277	24.2	19.8	29.8





#95

Dibenzo(a,h)anthracene

Concen: 1.024 ng/ul m

RT: 26.691 min Scan# 3966

Delta R.T. -0.024 min

Lab File: BM037938.D

Acq: 10 Dec 2022 17:17

Instrument :

BNA_M

ClientSampleId :

DBXN0MEDL

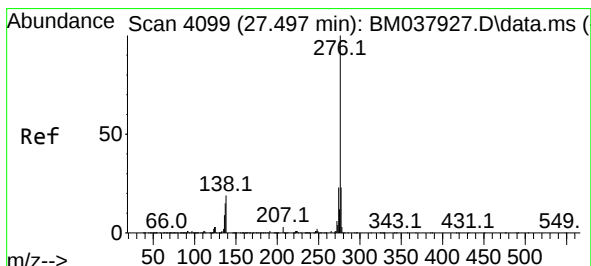
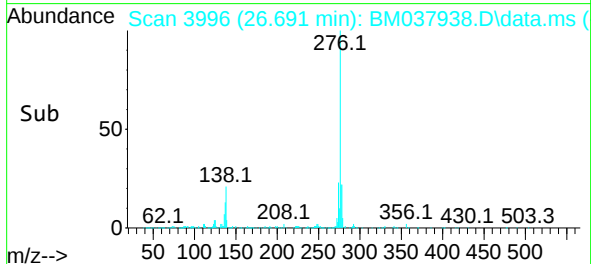
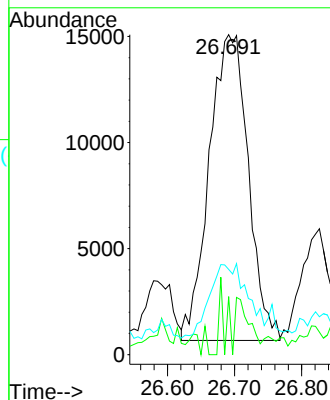
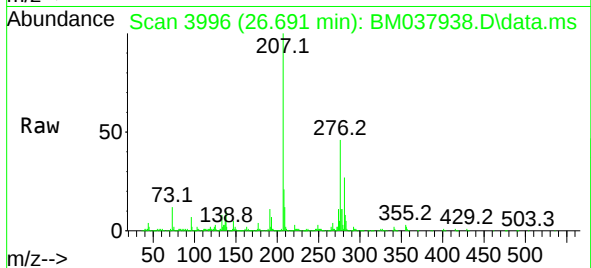
Tgt Ion:278 Resp: 58240

Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.4	18.6
279	26.7	19.8	29.6

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 3.130 ng/ul

RT: 27.491 min Scan# 4132

Delta R.T. -0.012 min

Lab File: BM037938.D

Acq: 10 Dec 2022 17:17

Tgt Ion:276 Resp: 168695

Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.1	25.7
277	24.5	18.2	27.4

