

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037936.D
 Acq On : 10 Dec 2022 16:04
 Operator : CG/JU
 Sample : N5896-12ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXN0ME

Quant Time: Dec 11 21:27:18 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	189675	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	703436	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	392259	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	835431	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	835185	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	960580	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	23070m	5.523	ng/uL	0.00
4) Pyridine-d5	3.857	84	304850	24.600	ng/u1	0.00
7) Phenol-d5	7.228	99	465164	30.180	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.398	67	294655	31.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	411516	32.547	ng/u1	0.00
15) 4-Methylphenol-d8	8.786	113	381940	31.745	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	206285	37.038	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	220572	37.791	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	389882	35.169	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.033	131	500134	32.682	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1141488	40.818	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1360426	39.803	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	165147	34.651	ng/u1	0.00
60) Fluorene-d10	15.698	176	1056537	42.405	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	142244	31.846	ng/u1	0.00
73) Anthracene-d10	17.551	188	1574978	40.394	ng/u1	0.00
81) Pyrene-d10	19.833	212	1916041	38.191	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.944	264	1996519	41.612	ng/u1	0.00
Target Compounds	Qvalue					
30) Naphthalene	10.945	128	49544	1.305	ng/u1	97
37) 1-Methylnaphthalene	12.763	142	83754	3.327	ng/u1	99
50) Acenaphthylene	14.433	152	150929	4.016	ng/u1	96
52) Acenaphthene	14.774	153	1435489	55.222	ng/u1	99
61) Fluorene	15.751	166	1550155	53.559	ng/u1	98
72) Phenanthrene	17.498	178	5958336	130.600	ng/u1	99
74) Anthracene	17.586	178	4153928	89.593	ng/u1	99
80) Fluoranthene	19.503	202	6918868	116.853	ng/u1	99
82) Pyrene	19.868	202	5138576	83.389	ng/u1	99
85) Benzo(a)anthracene	21.603	228	1269319	22.575	ng/u1	98
87) Chrysene	21.662	228	1394172	26.427	ng/u1	99
90) Benzo(b)fluoranthene	23.344	252	1873729	31.464	ng/u1	99
91) Benzo(k)fluoranthene	23.391	252	502617m	8.709	ng/u1	
93) Benzo(a)pyrene	23.997	252	770592	14.715	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.691	276	421217	6.245	ng/u1	96
95) Dibenzo(a,h)anthracene	26.691	278	110895	1.950	ng/u1#	81
96) Benzo(g,h,i)perylene	27.491	276	322771	5.994	ng/u1	96

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

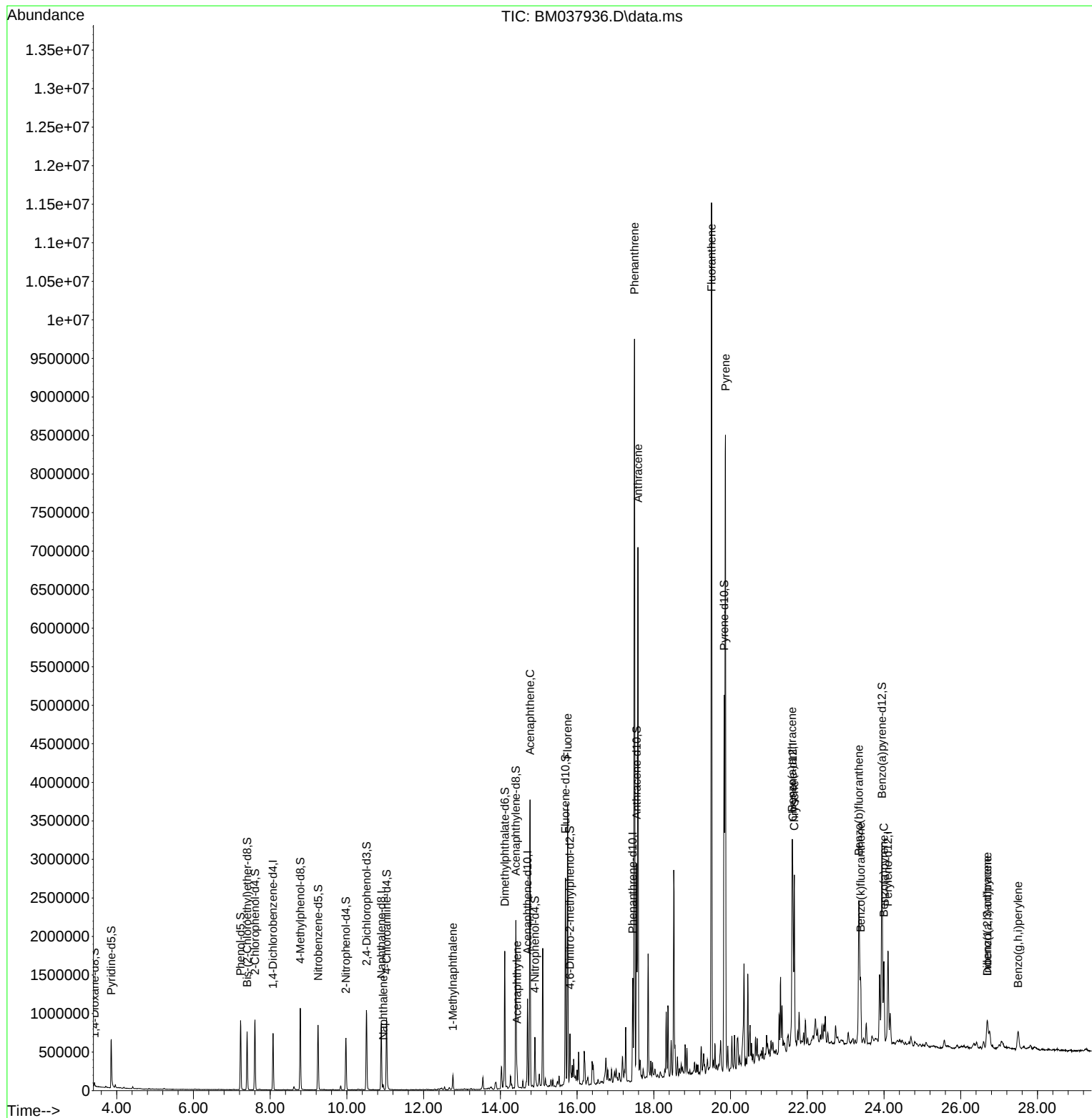
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
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ALS Vial : 11 Sample Multiplier: 1

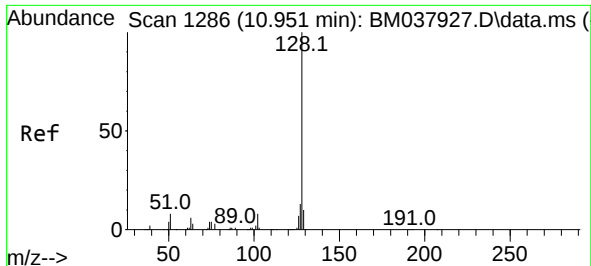
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BNA_M
ClientSampleId :
DBXN0ME

Quant Time: Dec 11 21:27:18 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
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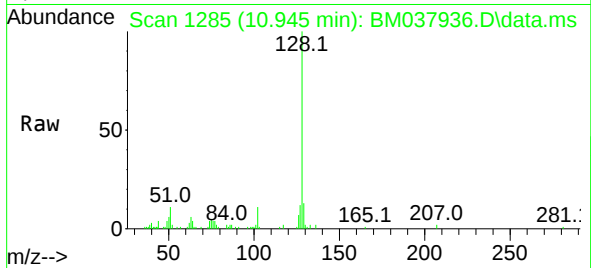
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022





#30
Naphthalene
Concen: 1.305 ng/ul
RT: 10.945 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

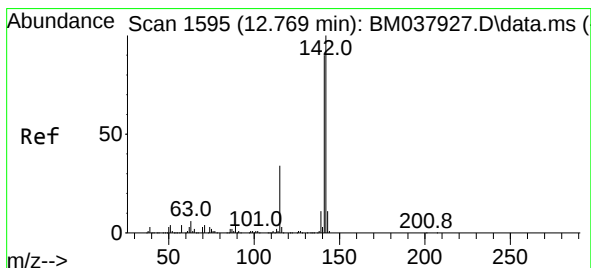
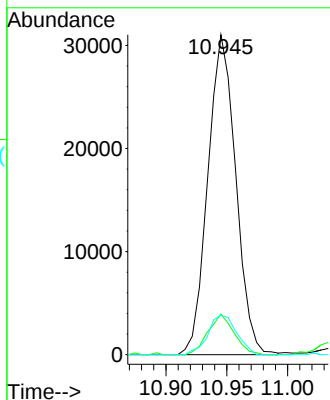
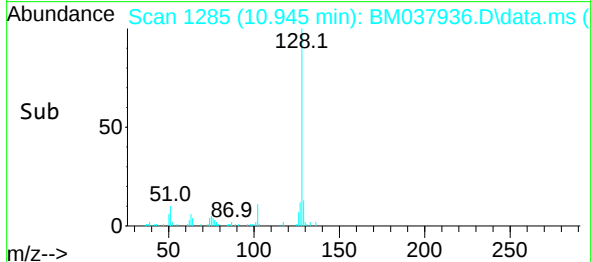
Instrument :
BNA_M
ClientSampleId :
DBXN0ME



Tgt Ion:128 Resp: 49544
Ion Ratio Lower Upper
128 100
129 12.7 9.0 13.4
127 12.3 10.4 15.6

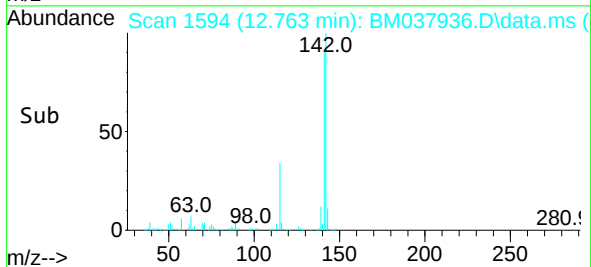
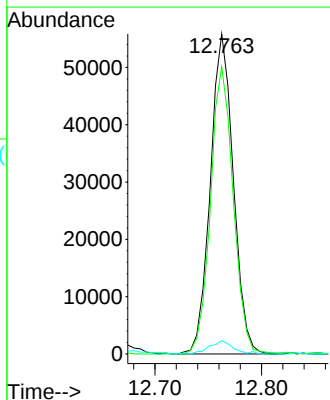
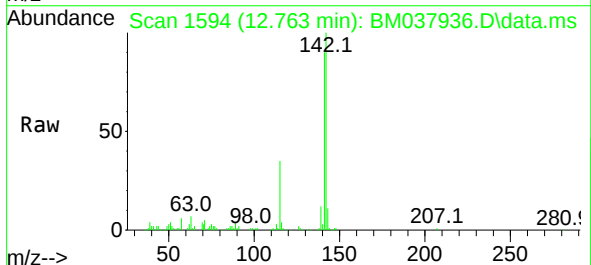
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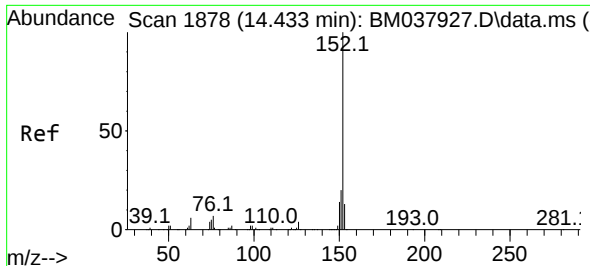
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#37
1-Methylnaphthalene
Concen: 3.327 ng/ul
RT: 12.763 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

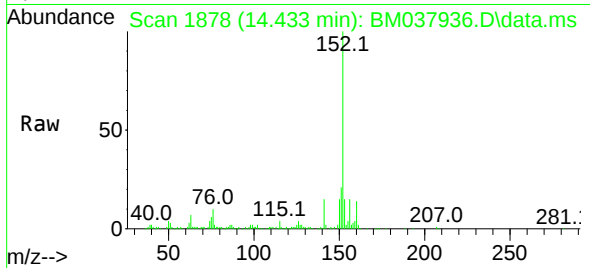
Tgt Ion:142 Resp: 83754
Ion Ratio Lower Upper
142 100
141 89.7 72.4 108.6
116 4.1 2.9 4.3





#50
Acenaphthylene
Concen: 4.016 ng/ul
RT: 14.433 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

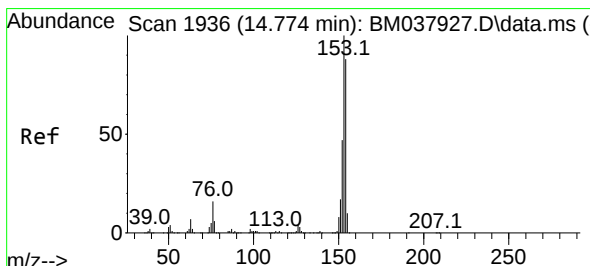
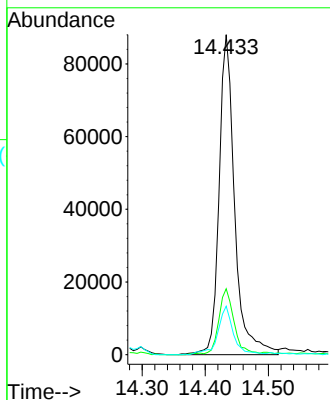
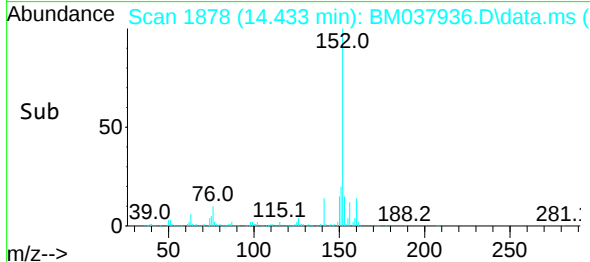
Instrument :
BNA_M
ClientSampleId :
DBXN0ME



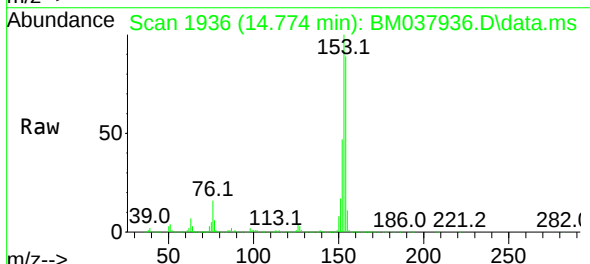
Tgt Ion:152 Resp: 150929
Ion Ratio Lower Upper
152 100
151 20.6 15.3 22.9
153 15.2 10.2 15.4

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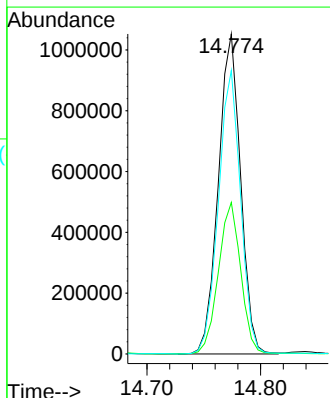
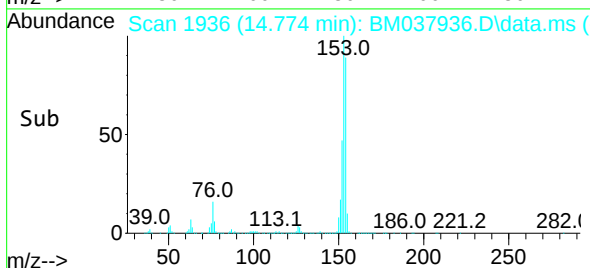
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

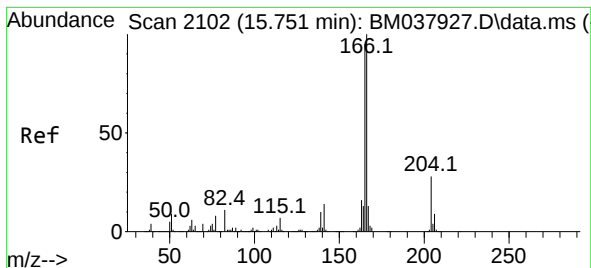


#52
Acenaphthene
Concen: 55.222 ng/ul
RT: 14.774 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04



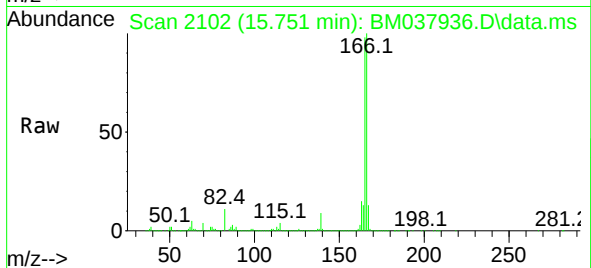
Tgt Ion:153 Resp: 1435489
Ion Ratio Lower Upper
153 100
152 47.4 38.2 57.4
154 88.6 71.4 107.0





#61
Fluorene
Concen: 53.559 ng/u1
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

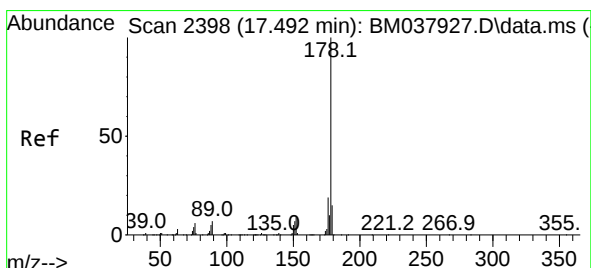
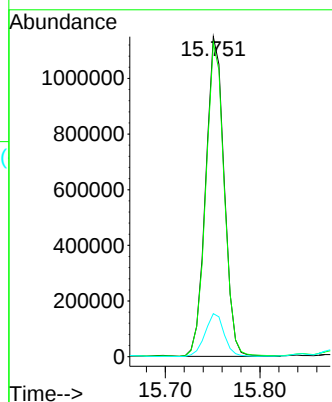
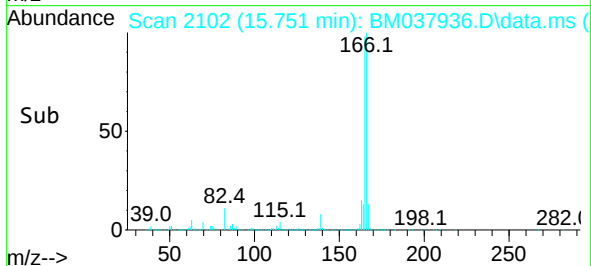
Instrument :
BNA_M
ClientSampleId :
DBXN0ME



Tgt Ion:166 Resp: 155015
Ion Ratio Lower Upper
166 100
165 98.1 77.2 115.8
167 13.5 10.4 15.6

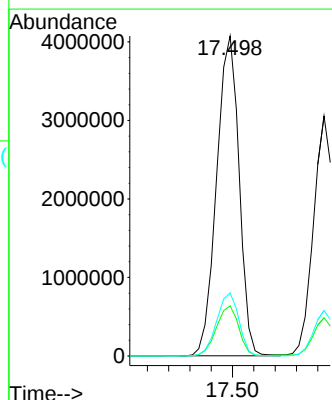
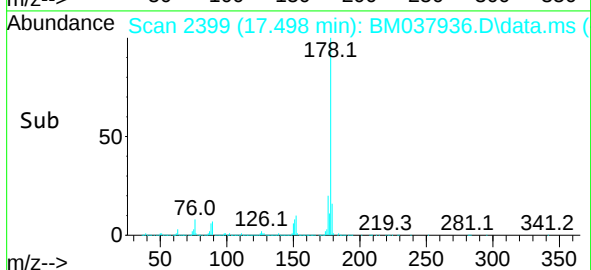
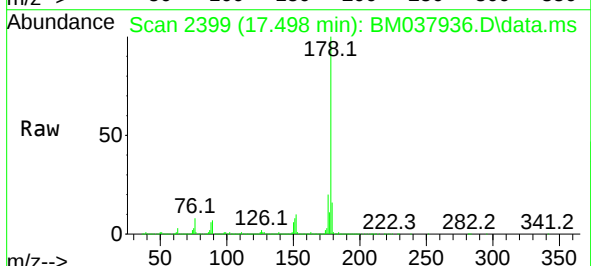
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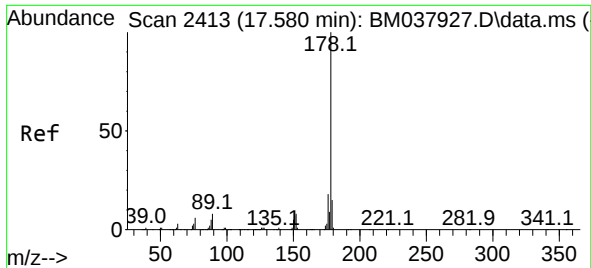
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#72
Phenanthrene
Concen: 130.600 ng/u1
RT: 17.498 min Scan# 2399
Delta R.T. 0.006 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

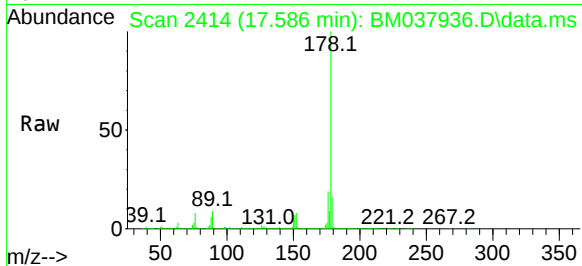
Tgt Ion:178 Resp: 5958336
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.7 15.4 23.0





#74
 Anthracene
 Concen: 89.593 ng/u1
 RT: 17.586 min Scan# 2413
 Delta R.T. -0.000 min
 Lab File: BM037936.D
 Acq: 10 Dec 2022 16:04

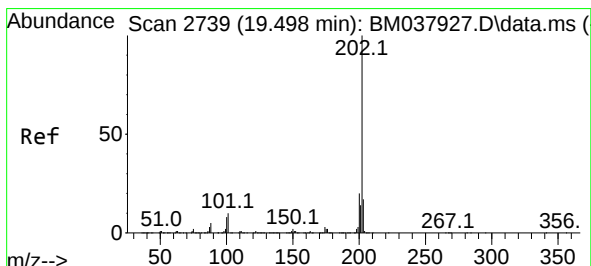
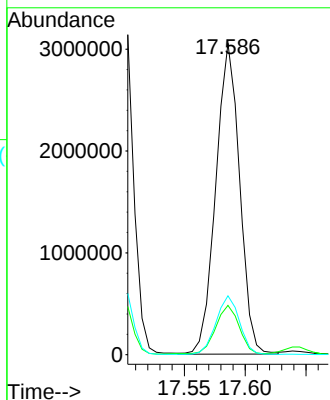
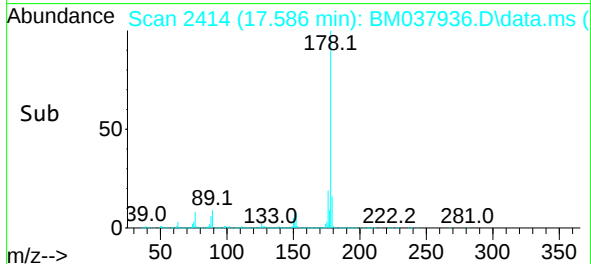
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 ClientSampleId :
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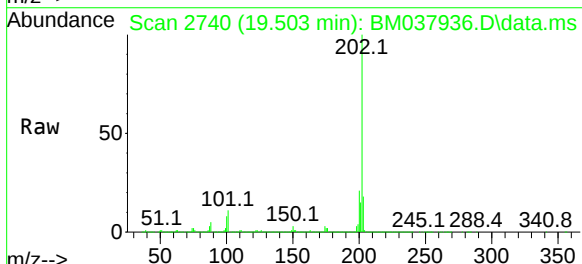
Tgt Ion:178 Resp: 4153928
 Ion Ratio Lower Upper
 178 100
 179 15.8 11.8 17.8
 176 18.9 15.0 22.6

Manual Integrations
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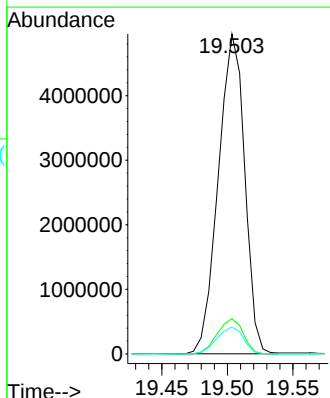
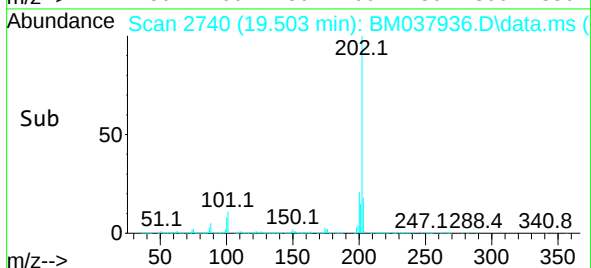
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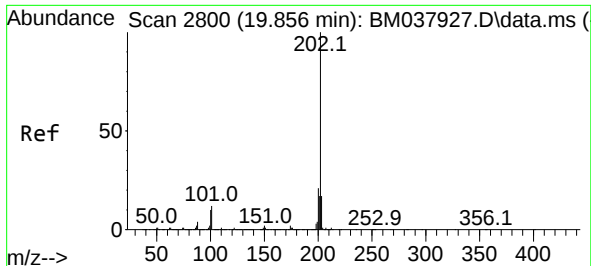


#80
 Fluoranthene
 Concen: 116.853 ng/u1
 RT: 19.503 min Scan# 2740
 Delta R.T. 0.006 min
 Lab File: BM037936.D
 Acq: 10 Dec 2022 16:04



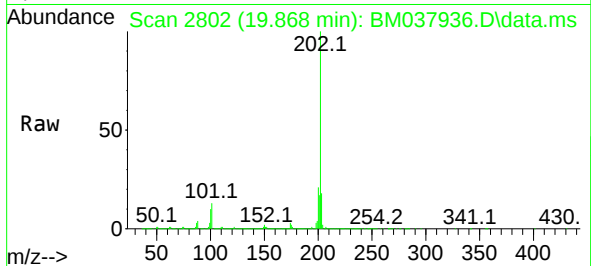
Tgt Ion:202 Resp: 6918868
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.6 13.0
 100 8.5 6.6 10.0





#82
Pyrene
Concen: 83.389 ng/u1
RT: 19.868 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

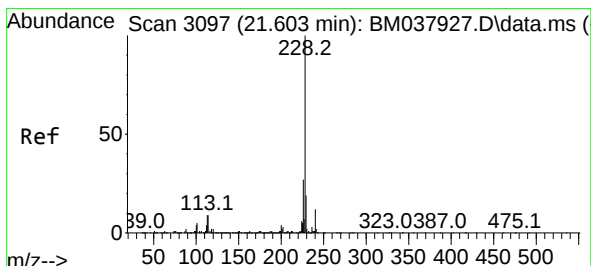
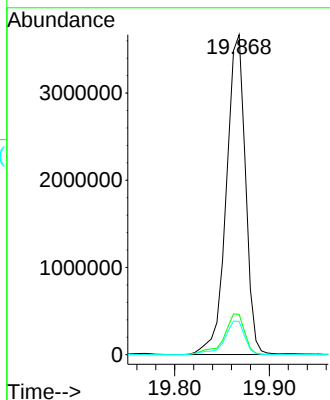
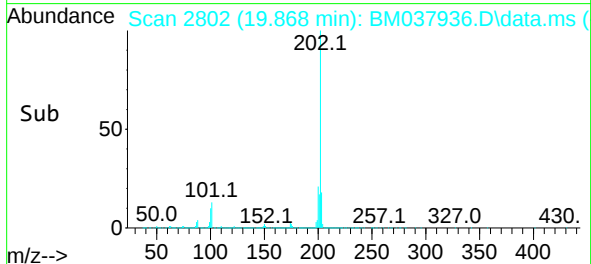
Instrument :
BNA_M
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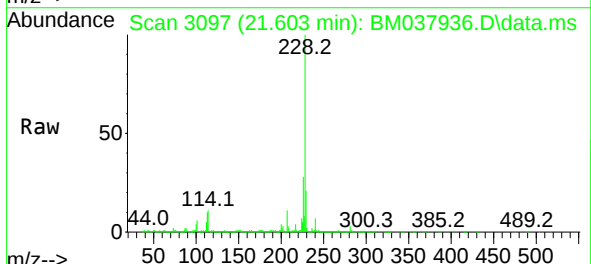
Tgt Ion:202 Resp: 5138570
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 10.4 7.9 11.9

Manual Integrations
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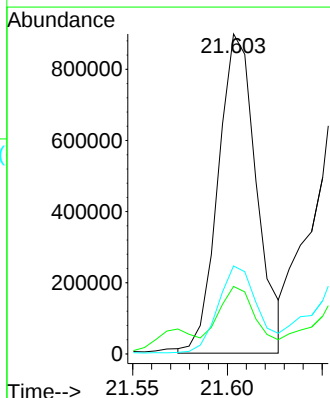
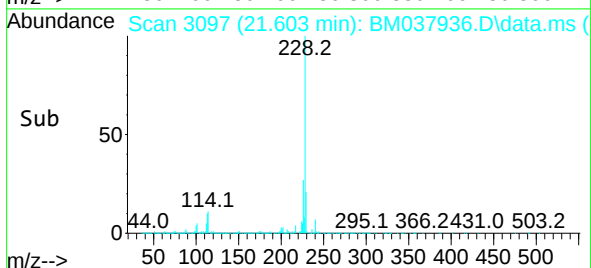
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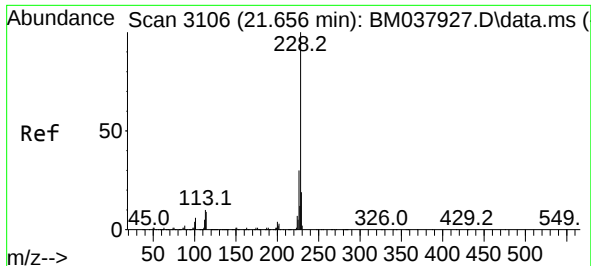


#85
Benzo(a)anthracene
Concen: 22.575 ng/u1
RT: 21.603 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04



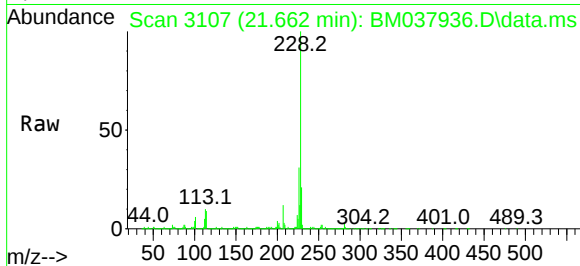
Tgt Ion:228 Resp: 1269319
Ion Ratio Lower Upper
228 100
229 21.1 15.5 23.3
226 27.5 21.8 32.8





#87
Chrysene
Concen: 26.427 ng/ul
RT: 21.662 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

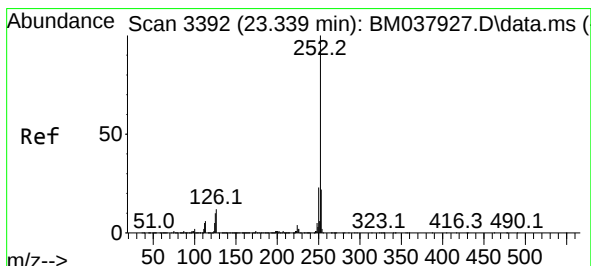
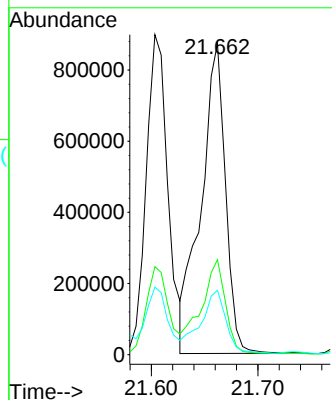
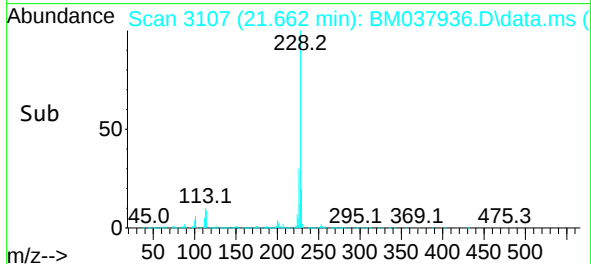
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BNA_M
ClientSampleId :
DBXN0ME



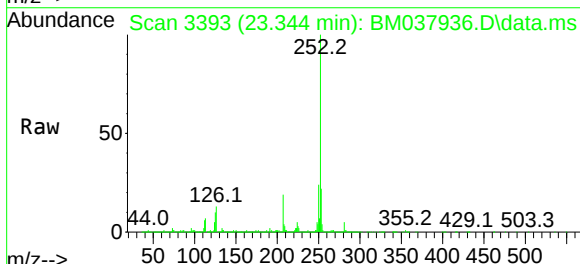
Tgt Ion:228 Resp: 1394172
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.7 15.6 23.4

Manual Integrations
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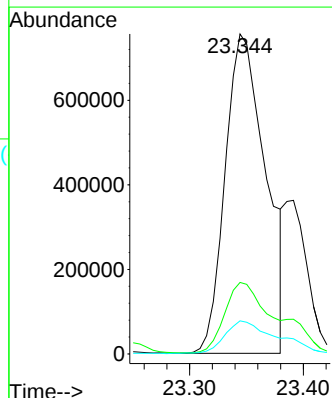
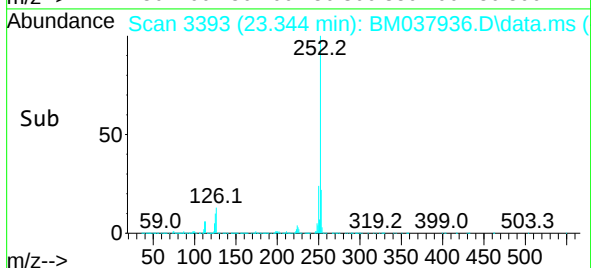
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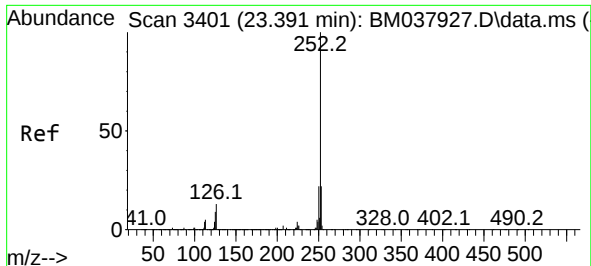


#90
Benzo(b)fluoranthene
Concen: 31.464 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04



Tgt Ion:252 Resp: 1873729
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.3 8.0 12.0





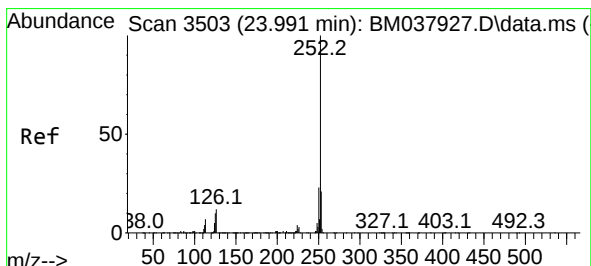
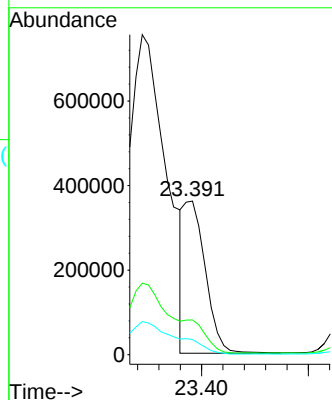
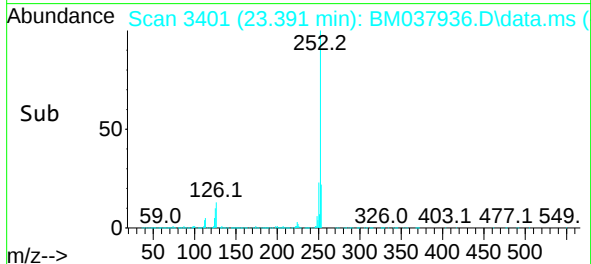
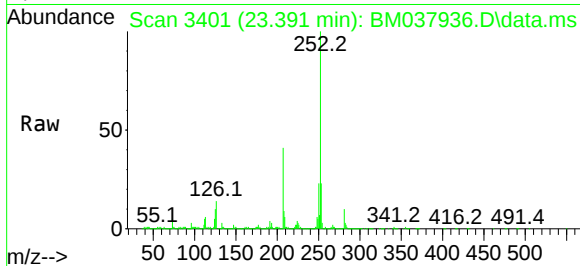
#91
Benzo(k)fluoranthene
Concen: 8.709 ng/ul m
RT: 23.391 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

Tgt Ion:252 Resp: 50261
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 9.9 8.1 12.1

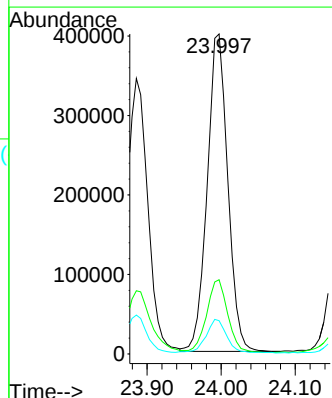
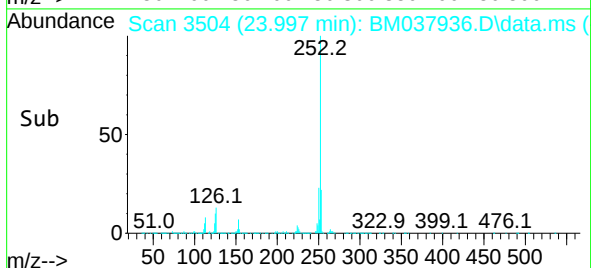
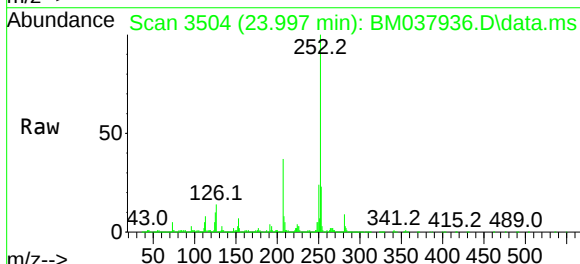
Manual Integrations
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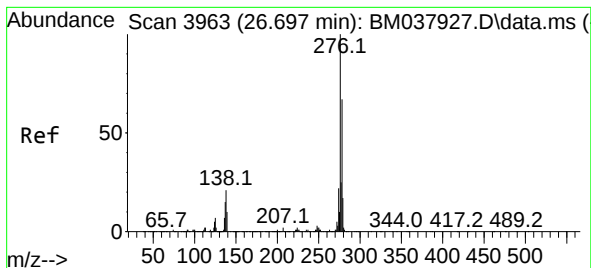
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#93
Benzo(a)pyrene
Concen: 14.715 ng/ul
RT: 23.997 min Scan# 3504
Delta R.T. 0.006 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

Tgt Ion:252 Resp: 770592
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 10.4 9.4 14.0





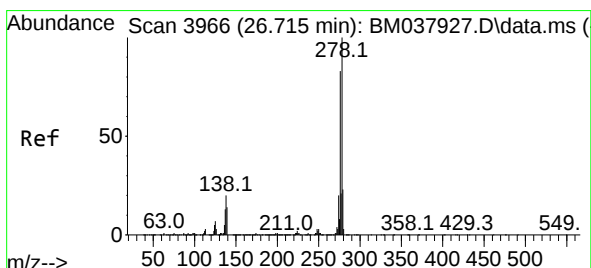
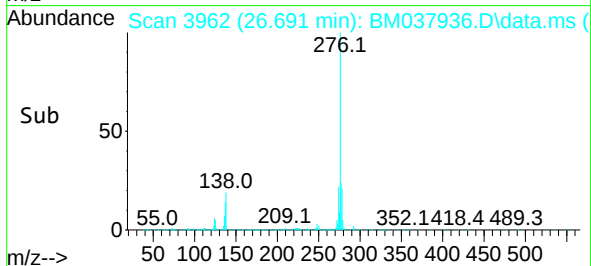
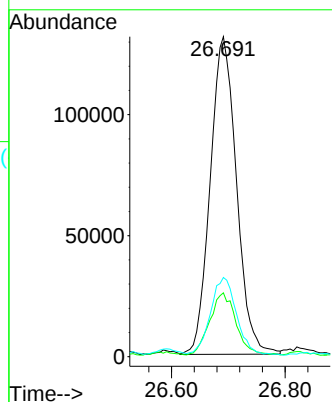
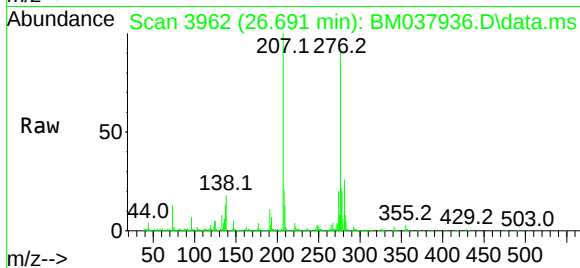
#94
Indeno(1,2,3-cd)pyrene
Concen: 6.245 ng/ul
RT: 26.691 min Scan# 3962
Delta R.T. -0.012 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

Tgt Ion:276 Resp: 42121
Ion Ratio Lower Upper
276 100
138 19.9 19.3 28.9
277 24.8 19.8 29.8

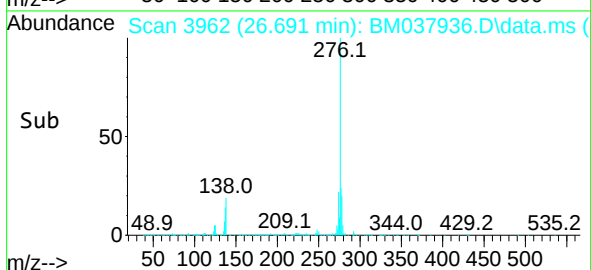
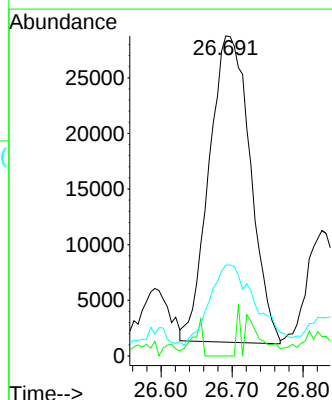
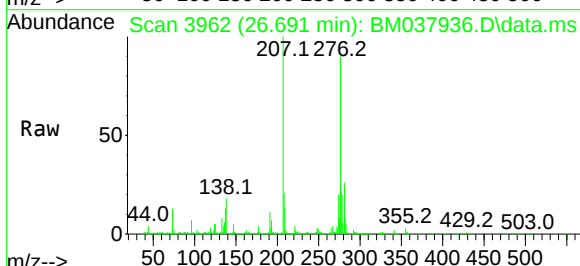
Manual Integrations
APPROVED

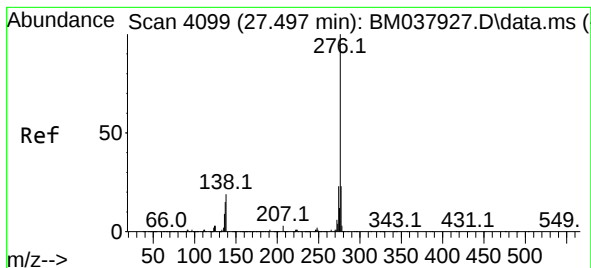
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#95
Dibenzo(a,h)anthracene
Concen: 1.950 ng/ul
RT: 26.691 min Scan# 3962
Delta R.T. -0.024 min
Lab File: BM037936.D
Acq: 10 Dec 2022 16:04

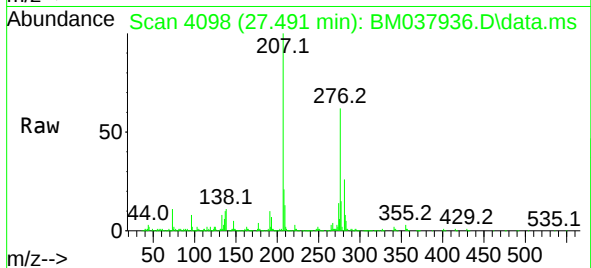
Tgt Ion:278 Resp: 110895
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 28.4 19.8 29.6





#96
 Benzo(g,h,i)perylene
 Concen: 5.994 ng/ul
 RT: 27.491 min Scan# 4098
 Delta R.T. -0.012 min
 Lab File: BM037936.D
 Acq: 10 Dec 2022 16:04

Instrument :
 BNA_M
 ClientSampleId :
 DBXN0ME



Tgt Ion:276 Resp: 32277
 Ion Ratio Lower Upper
 276 100
 138 18.0 17.1 25.7
 277 23.5 18.2 27.4

Manual Integrations
 APPROVED

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

