Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037915.D
Acq On : 09 Dec 2022 14:02
Operator : CG/JU
Sample : N5896-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 09 21:48:10 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

Instrument :
BNA_M
ClientSampleId :
DBXM1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	250886	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1023203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	579059	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1195140	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	923347	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1020490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1532	0.277	ng/uL	0.00
4) Pyridine-d5	3.899	84	12191m	0.744	ng/ul	0.04
7) Phenol-d5	7.234	99	37845	1.856	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	23654	1.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	32119	1.921	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	28155	1.769	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	15474	1.910	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	14739	1.736	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	27659	1.715	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	26018	1.169	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	80297	1.945	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	95303	1.889	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	6177	0.878	ng/ul	0.00
60) Fluorene-d10	15.698	176	76807	2.088	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	6108	0.956	ng/ul	0.00
73) Anthracene-d10	17.551	188	135485	2.429	ng/ul	0.00
81) Pyrene-d10	19.833	212	132919	2.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	109512	2.149	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	109971	1.992	ng/ul	99
50) Acenaphthylene	14.439	152	118578	2.137	ng/ul	97
52) Acenaphthene	14.774	153	93444	2.435	ng/ul	98
61) Fluorene	15.751	166	101421	2.374	ng/ul	97
72) Phenanthrene	17.492	178	618998	9.484	ng/ul	99
74) Anthracene	17.586	178	1096111	16.526	ng/ul	99
80) Fluoranthene	19.498	202	835772	12.768	ng/ul	99
82) Pyrene	19.862	202	956694	14.043	ng/ul	99
85) Benzo(a)anthracene	21.603	228	236932m	3.811	ng/ul	
87) Chrysene	21.662	228	528740m	9.066	ng/ul	
90) Benzo(b)fluoranthene	23.344	252	1435330m	22.687	ng/ul	
91) Benzo(k)fluoranthene	23.380	252	310355m	5.062	ng/ul	
93) Benzo(a)pyrene	23.997	252	643340	11.564	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.697	276	445661	6.220	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.703	278	110897	1.836	ng/ul#	83
96) Benzo(g,h,i)perylene	27.503	276	341317	5.966	ng/ul	98

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

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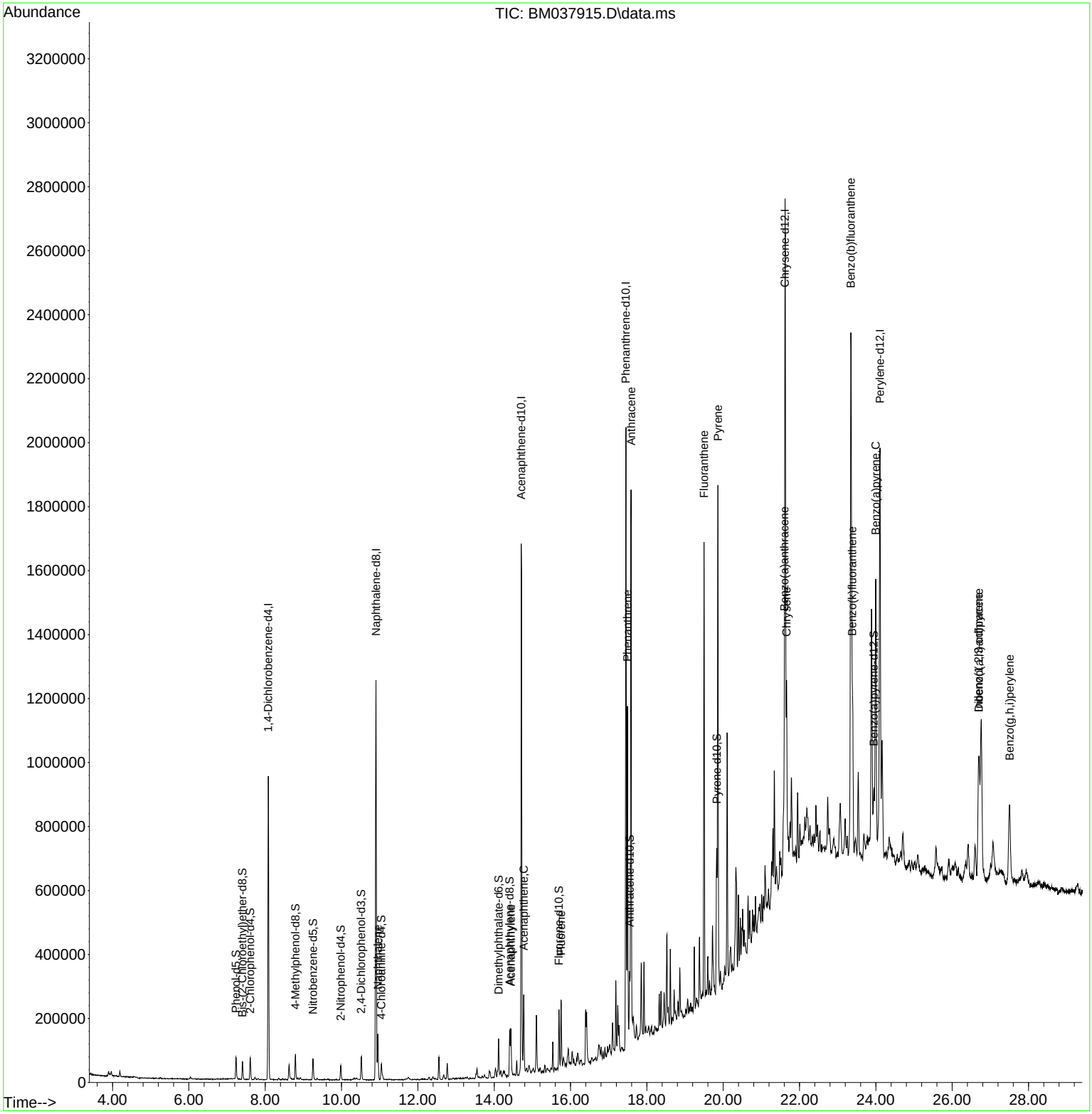
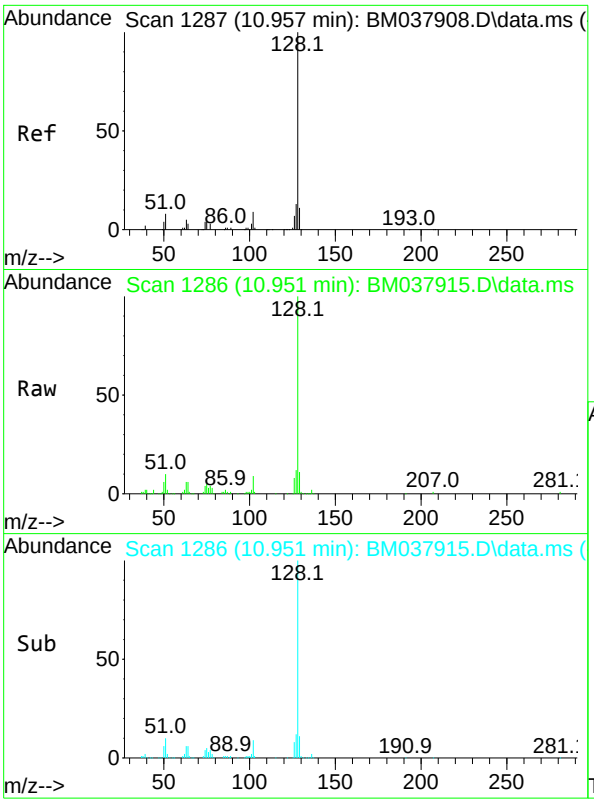
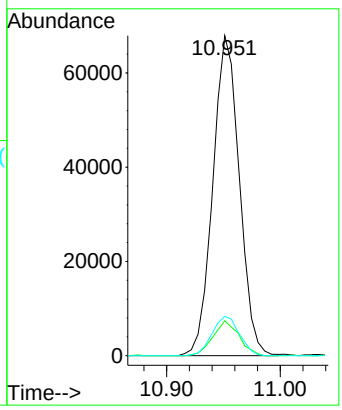




#30
Naphthalene
Concen: 1.992 ng/ul
RT: 10.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:128 Resp: 10997

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.3	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
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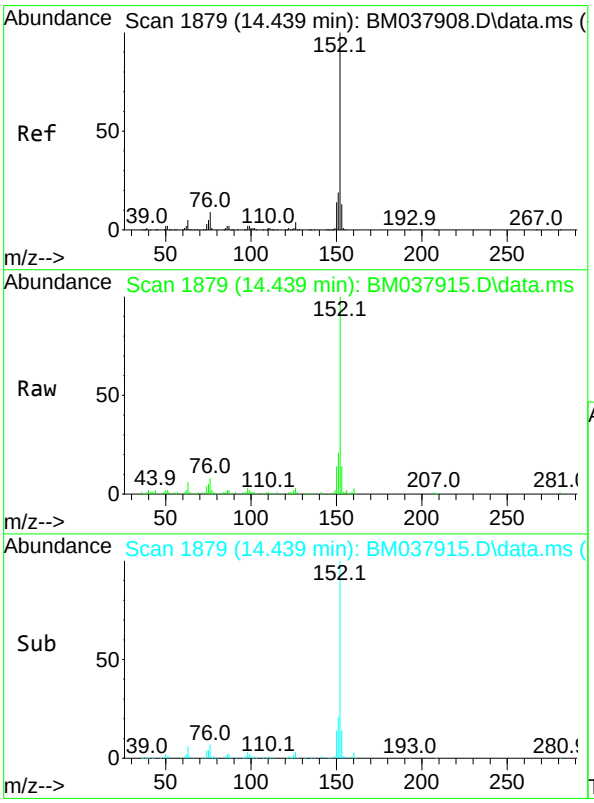
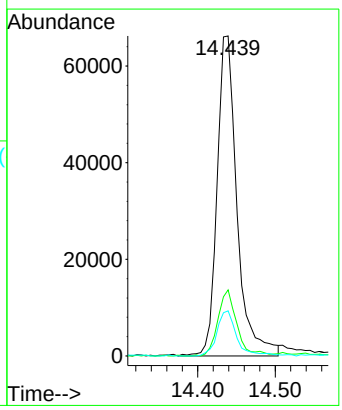
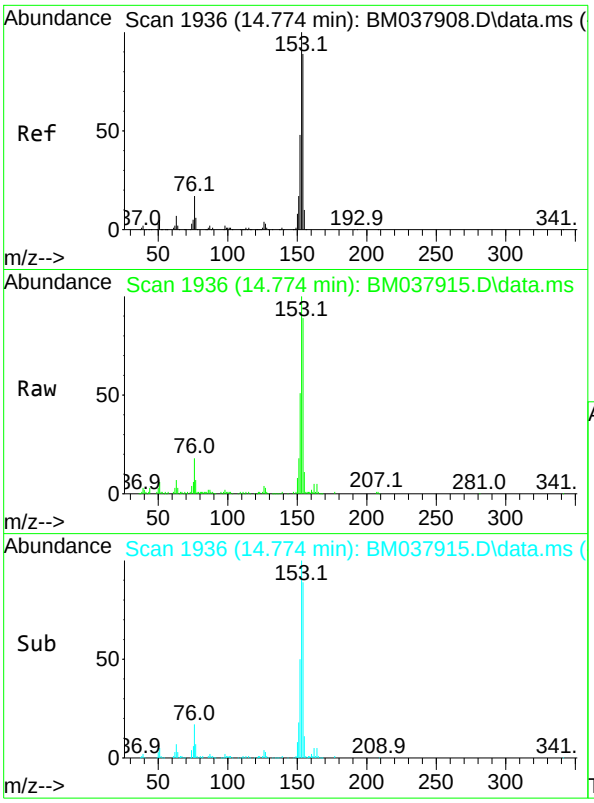


#50
Acenaphthylene
Concen: 2.137 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:152 Resp: 118578

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.3	22.9
153	14.1	10.2	15.4

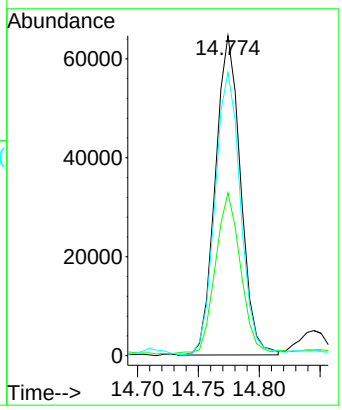




#52
Acenaphthene
Concen: 2.435 ng/ul
RT: 14.774 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:153 Resp: 9344

Ion	Ratio	Lower	Upper
153	100		
152	50.9	38.2	57.4
154	88.5	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
DBXM1

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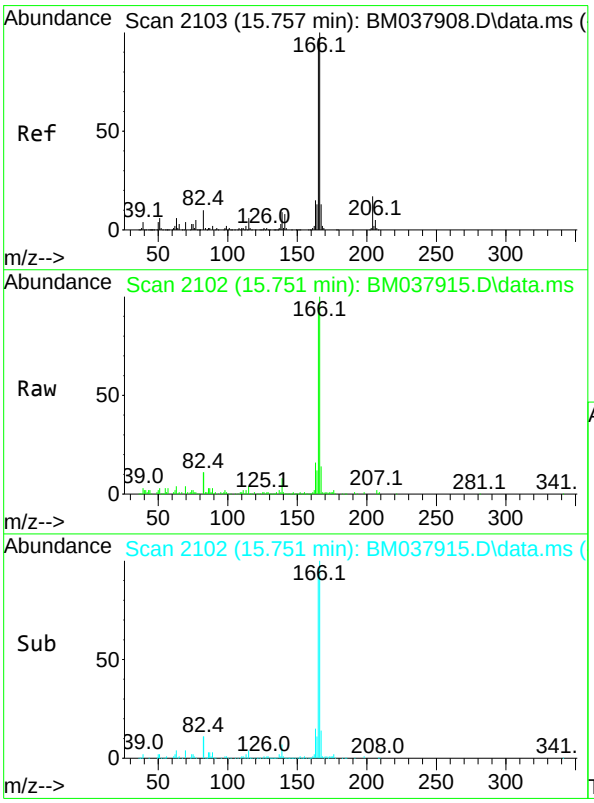
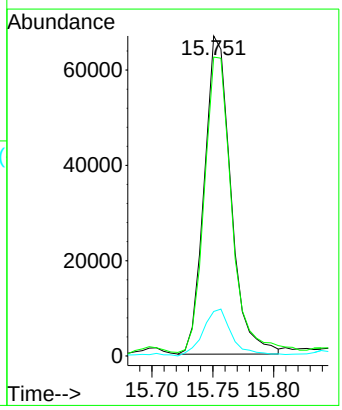
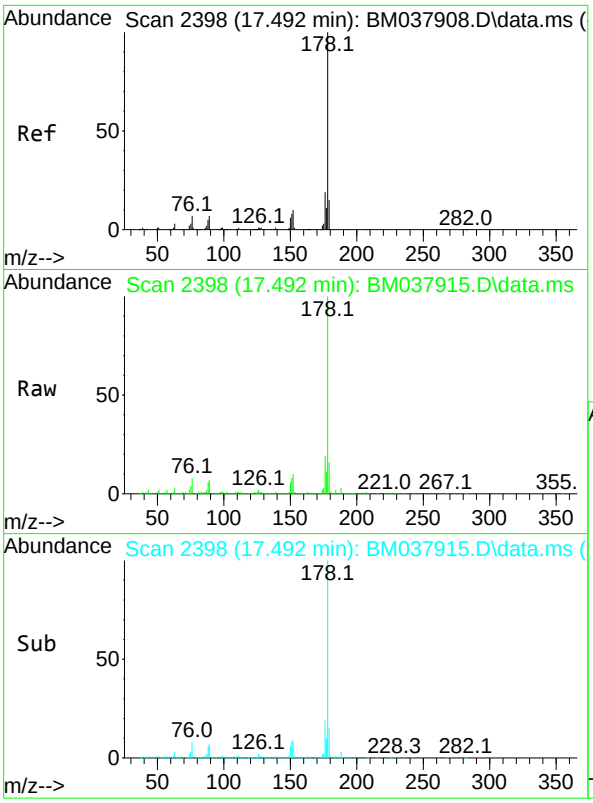


#61
Fluorene
Concen: 2.374 ng/ul
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:166 Resp: 101421

Ion	Ratio	Lower	Upper
166	100		
165	93.4	77.2	115.8
167	13.9	10.4	15.6

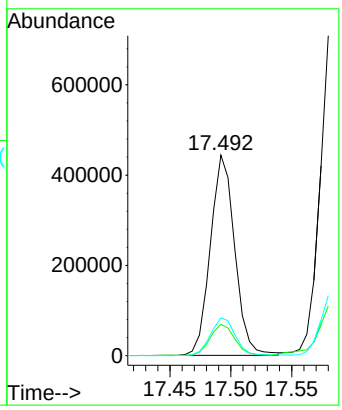




#72
Phenanthrene
Concen: 9.484 ng/ul
RT: 17.492 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:178 Resp: 61899

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.9	15.4	23.0



Instrument :
BNA_M
ClientSampleId :
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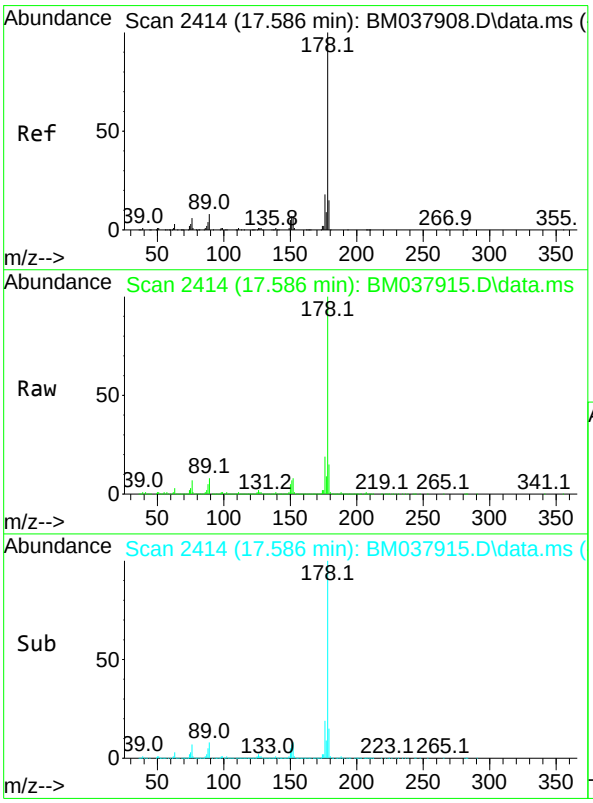
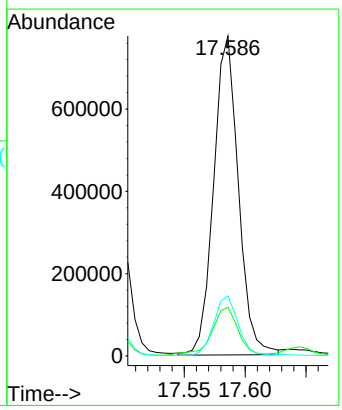
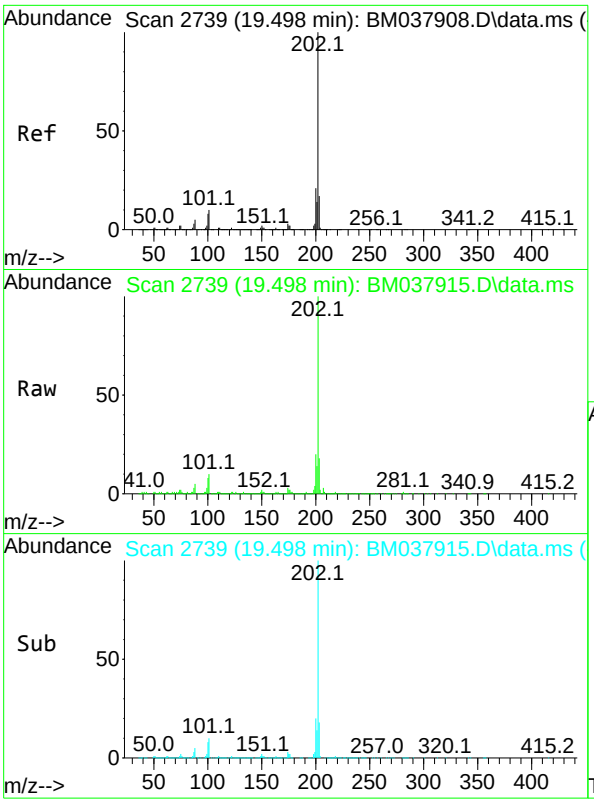


#74
Anthracene
Concen: 16.526 ng/ul
RT: 17.586 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:178 Resp: 1096111

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.7	15.0	22.6

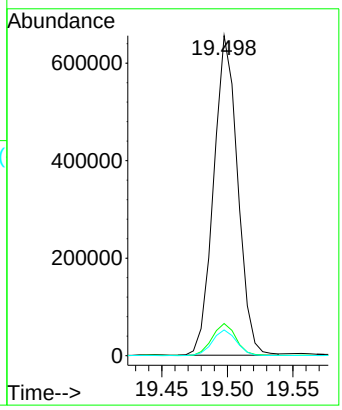




#80
Fluoranthene
Concen: 12.768 ng/ul
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:202 Resp: 83577

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.6	13.0
100	8.1	6.6	10.0



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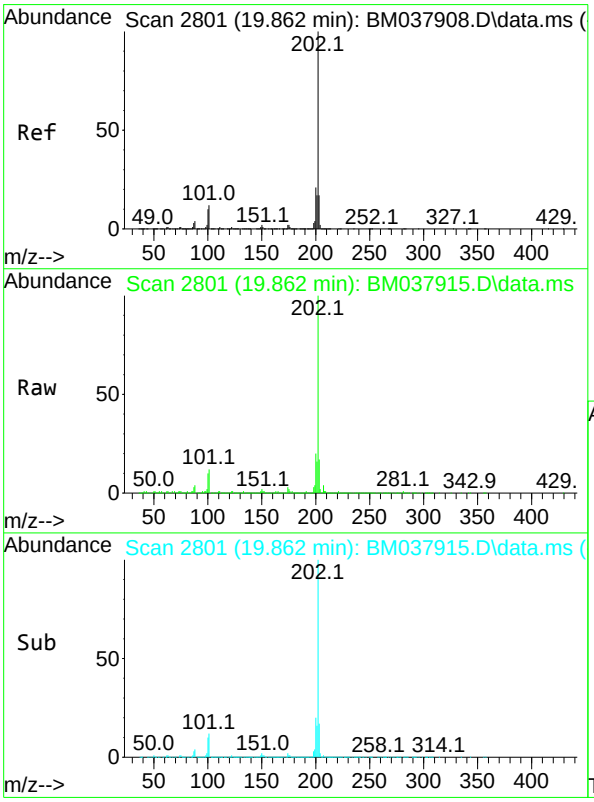
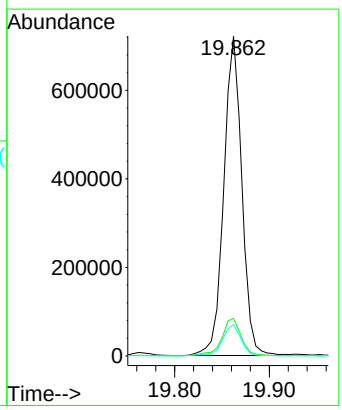
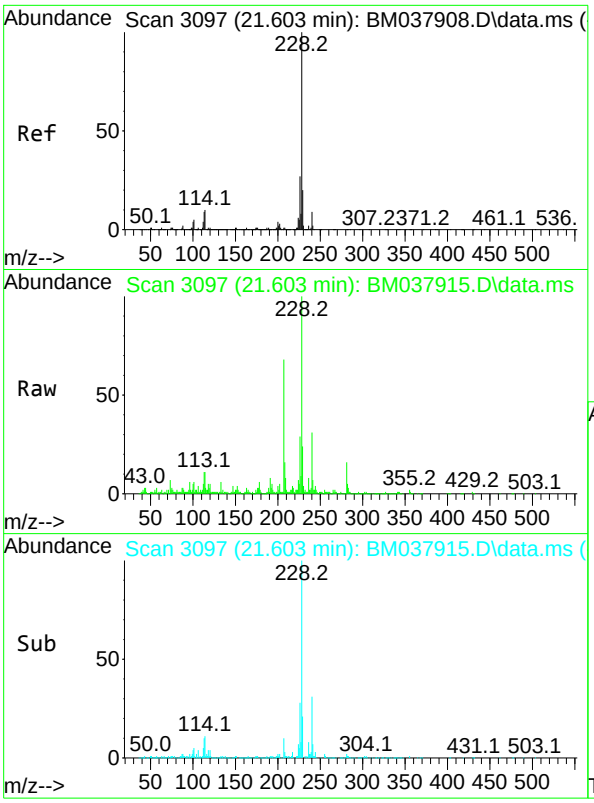


#82
Pyrene
Concen: 14.043 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:202 Resp: 956694

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.0	15.0
100	9.9	7.9	11.9

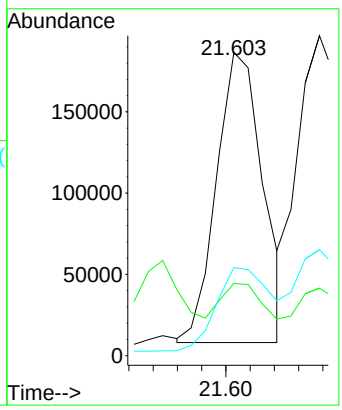




#85
Benzo(a)anthracene
Concen: 3.811 ng/ul m
RT: 21.603 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:228 Resp: 23693

Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.5	23.3#
226	29.1	21.8	32.8



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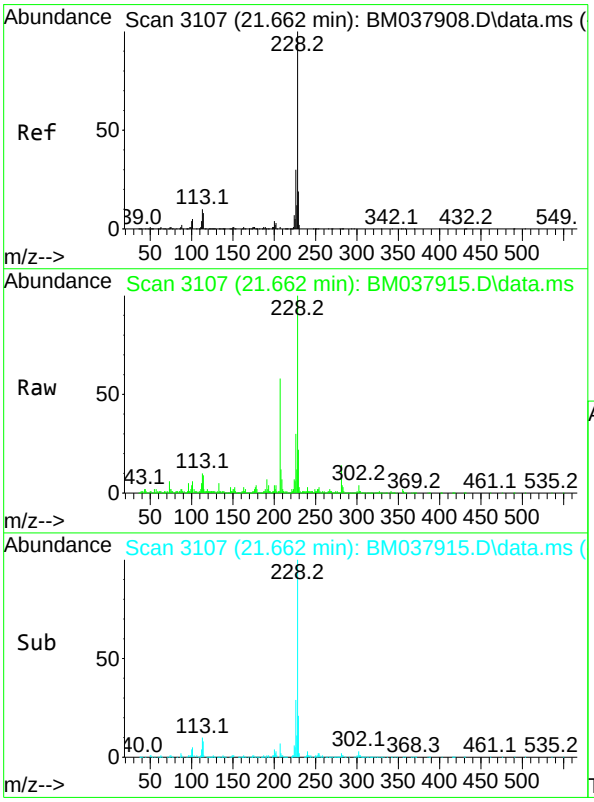
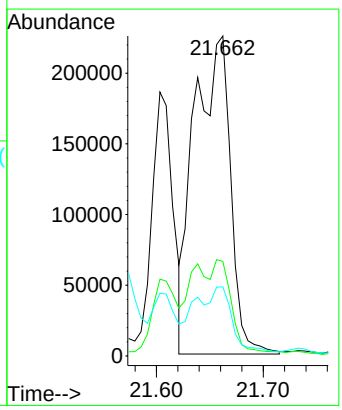
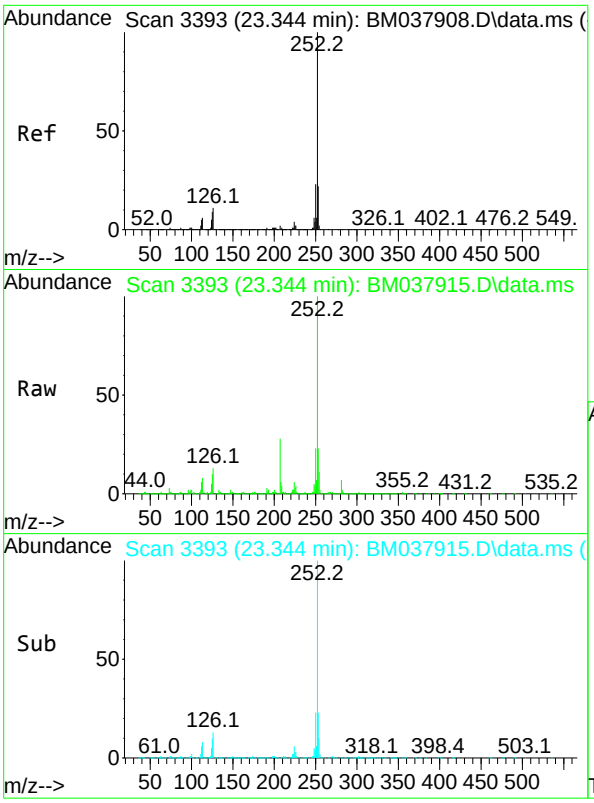


#87
Chrysene
Concen: 9.066 ng/ul m
RT: 21.662 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:228 Resp: 528740

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	21.6	15.6	23.4

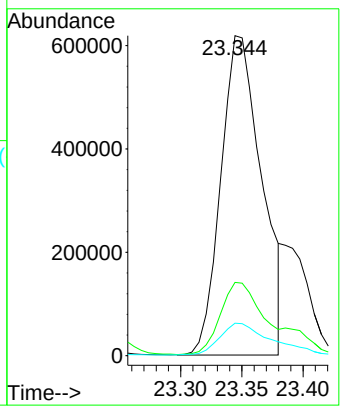




#90
Benzo(b)fluoranthene
Concen: 22.687 ng/ul m
RT: 23.344 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:252 Resp: 143533

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	10.1	8.0	12.0



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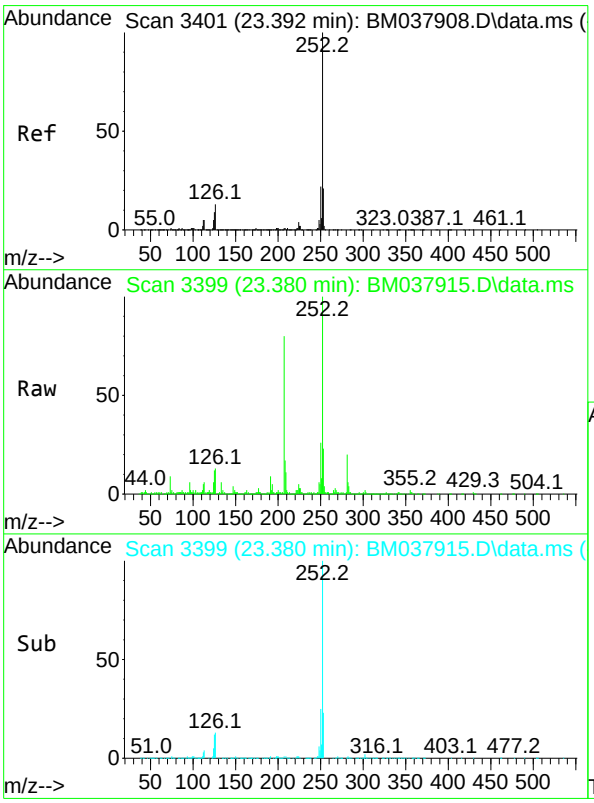
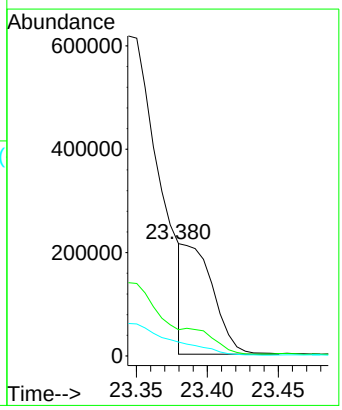
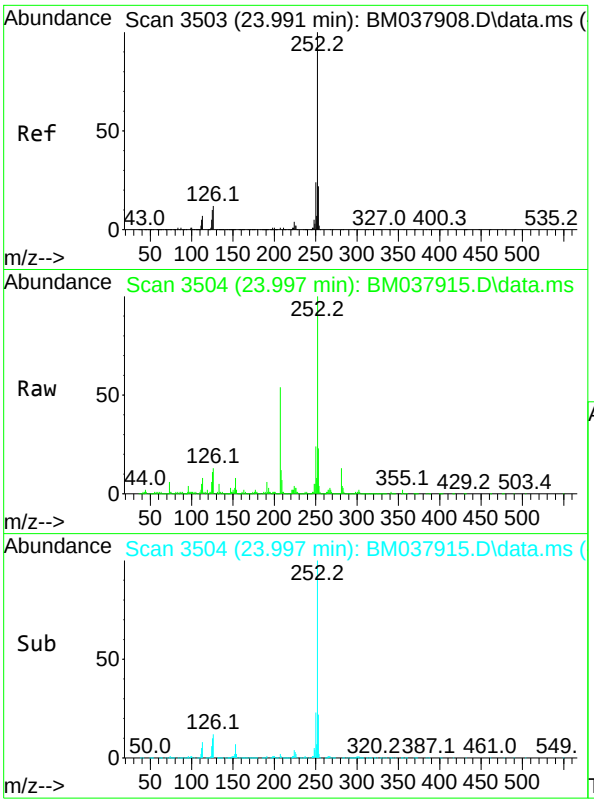


#91
Benzo(k)fluoranthene
Concen: 5.062 ng/ul m
RT: 23.380 min Scan# 3399
Delta R.T. -0.012 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:252 Resp: 310355

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	12.3	8.1	12.1#

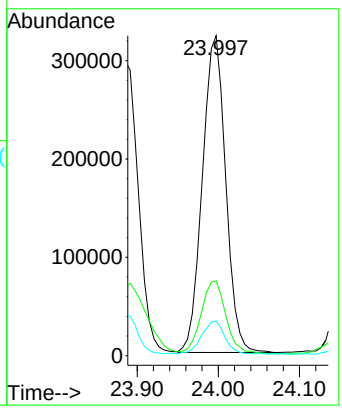




#93
Benzo(a)pyrene
Concen: 11.564 ng/ul
RT: 23.997 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:252 Resp: 64334

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	10.8	9.4	14.0



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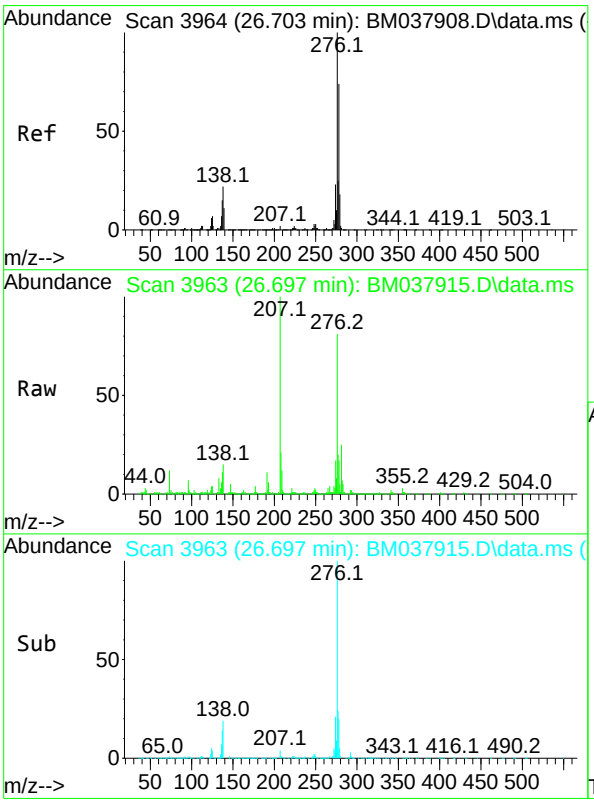
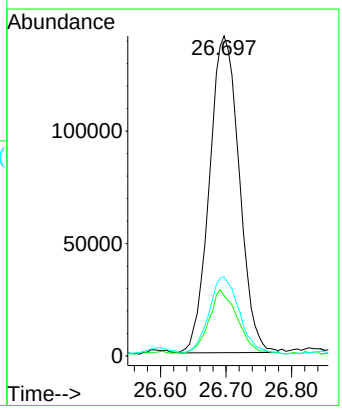
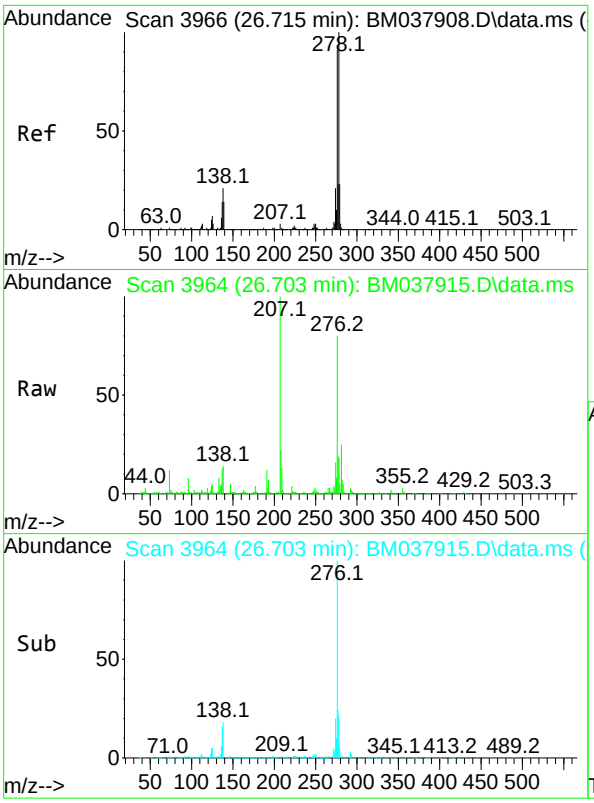


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.220 ng/ul
RT: 26.697 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:276 Resp: 445661

Ion	Ratio	Lower	Upper
276	100		
138	18.9	19.3	28.9#
277	24.7	19.8	29.8

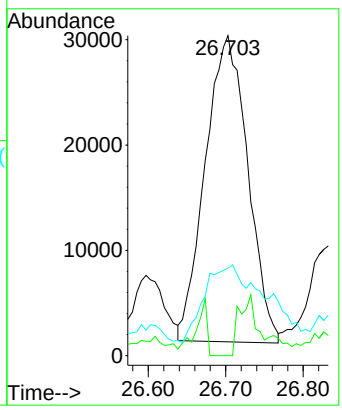




#95
Dibenzo(a,h)anthracene
Concen: 1.836 ng/ul
RT: 26.703 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:278 Resp: 11089

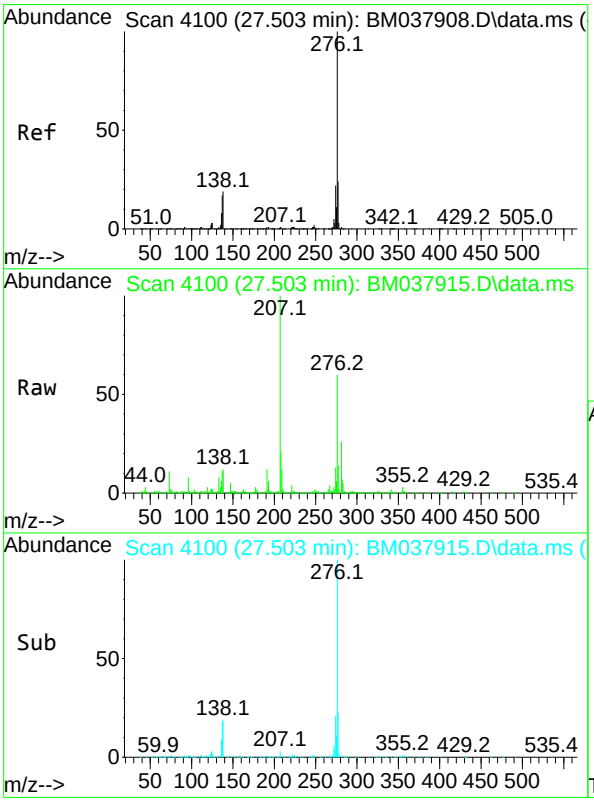
Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	27.4	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
DBXM1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#96
Benzo(g,h,i)perylene
Concen: 5.966 ng/ul
RT: 27.503 min Scan# 4100
Delta R.T. -0.000 min
Lab File: BM037915.D
Acq: 09 Dec 2022 14:02

Tgt Ion:276 Resp: 341317

Ion	Ratio	Lower	Upper
276	100		
138	19.5	17.1	25.7
277	23.1	18.2	27.4