

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015742.D
 Acq On : 27 Jun 2023 12:23
 Operator : MA/JU
 Sample : 03084-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFM6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 22:26:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	137625	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	502203	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	284932	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	642060	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	667037	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	822048	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	9811	2.565	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	134047	11.384	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	97950	13.445	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	127205	14.311	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	57984	6.233	ng/u1	0.02
21) Nitrobenzene-d5	9.252	128	53772	14.010	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	60703	13.551	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	96227	12.055	ng/u1	0.03
31) 4-Chloroaniline-d4	11.087	131	49076	4.786	ng/u1	0.05
46) Dimethylphthalate-d6	14.122	166	341504	15.507	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	390188	15.761	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	32951m	11.338	ng/u1	0.04
60) Fluorene-d10	15.710	176	295107	16.274	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	39749	10.067	ng/u1	0.01
73) Anthracene-d10	17.575	188	429908	14.659	ng/u1	0.00
81) Pyrene-d10	19.798	212	610054	14.006	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	657319	15.851	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.440	152	29756	1.091	ng/u1	96
72) Phenanthrene	17.516	178	112869	3.236	ng/u1	98
80) Fluoranthene	19.475	202	373851	6.906	ng/u1	99
82) Pyrene	19.828	202	311418	5.640	ng/u1	97
85) Benzo(a)anthracene	21.545	228	196043	4.178	ng/u1	97
87) Chrysene	21.598	228	228100	5.124	ng/u1	98
90) Benzo(b)fluoranthene	23.327	252	352913	6.681	ng/u1#	96
91) Benzo(k)fluoranthene	23.369	252	120366m	2.255	ng/u1	
93) Benzo(a)pyrene	23.992	252	215574	4.671	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.804	276	189432	3.023	ng/u1	98
96) Benzo(g,h,i)perylene	27.639	276	180142	3.495	ng/u1	96

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

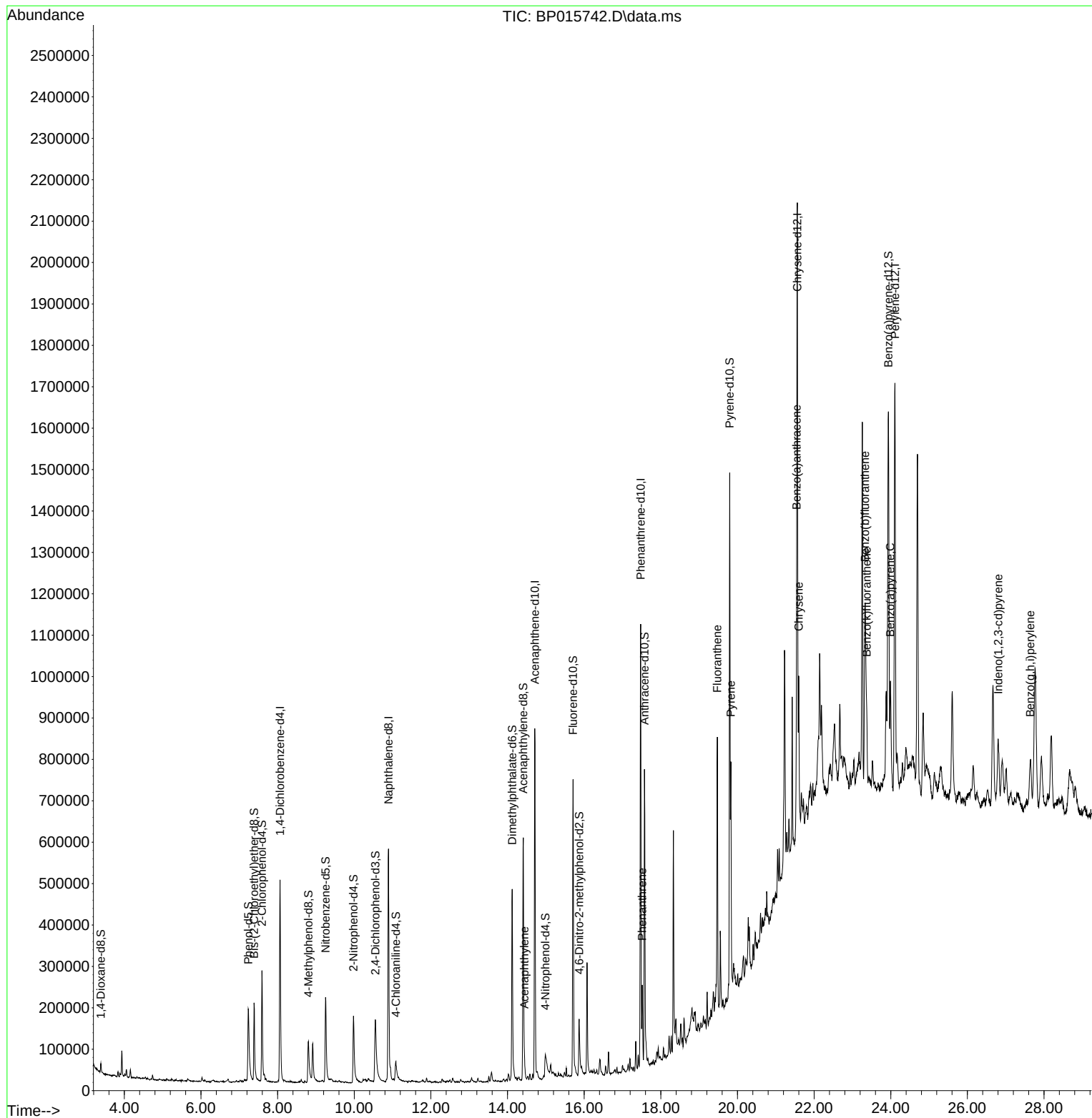
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015742.D
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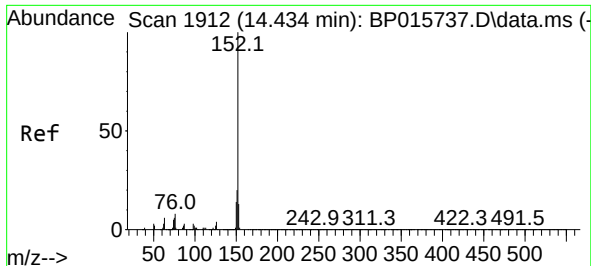
Instrument :
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ClientSampleId :
DCFM6

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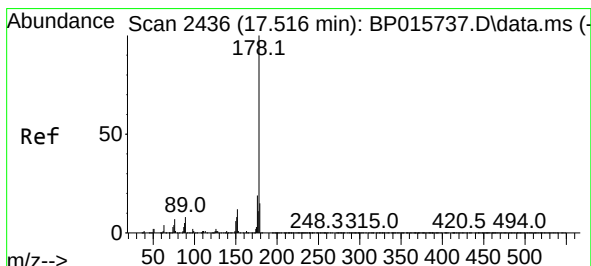
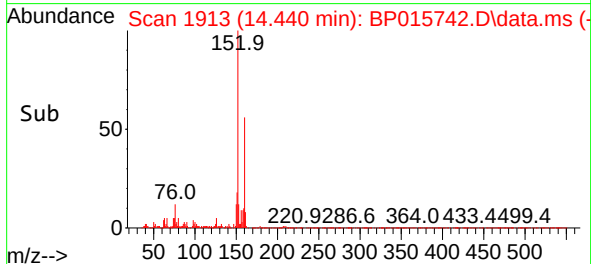
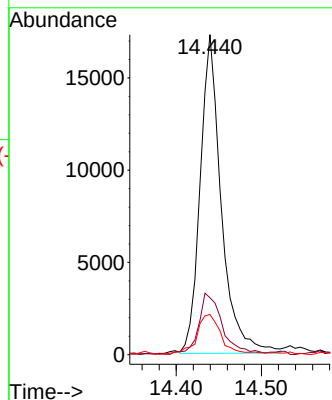
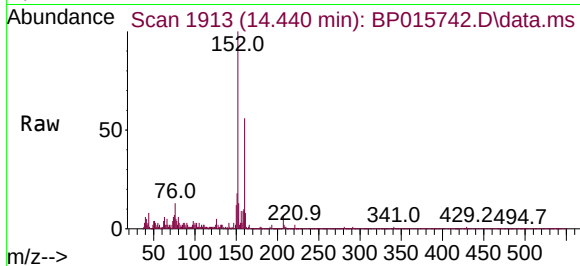
#50
Acenaphthylene
Concen: 1.091 ng/ul
RT: 14.440 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

Instrument :
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ClientSampleId :
DCFM6

Tgt Ion:152 Resp: 29750
Ion Ratio Lower Upper
152 100
151 17.8 16.2 24.2
153 12.5 10.5 15.7

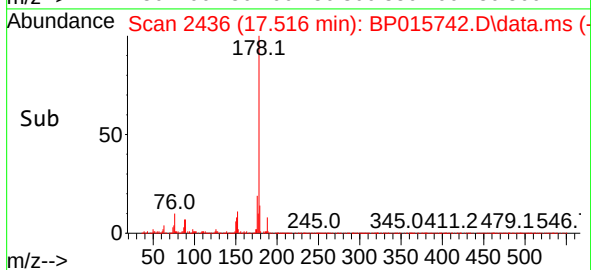
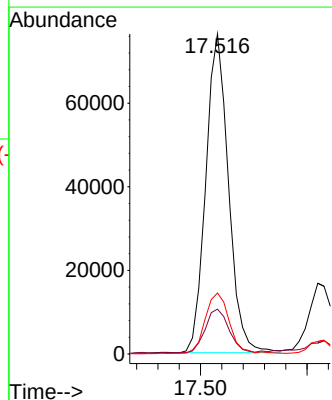
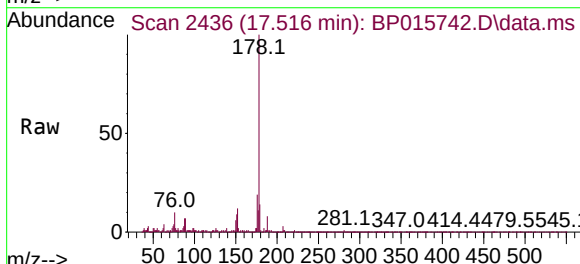
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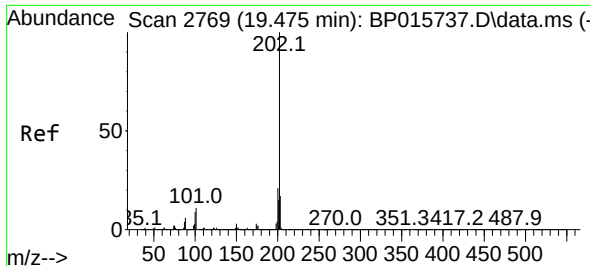
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#72
Phenanthrene
Concen: 3.236 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

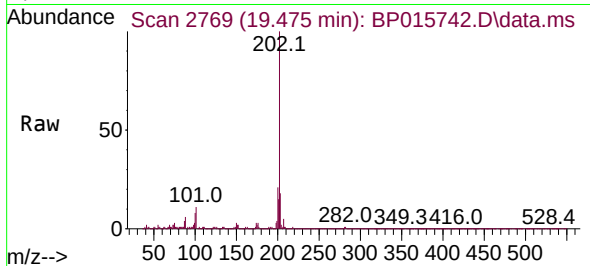
Tgt Ion:178 Resp: 112869
Ion Ratio Lower Upper
178 100
179 14.0 12.4 18.6
176 19.0 15.6 23.4





#80
Fluoranthene
Concen: 6.906 ng/u1
RT: 19.475 min Scan# 2769
Delta R.T. 0.000 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

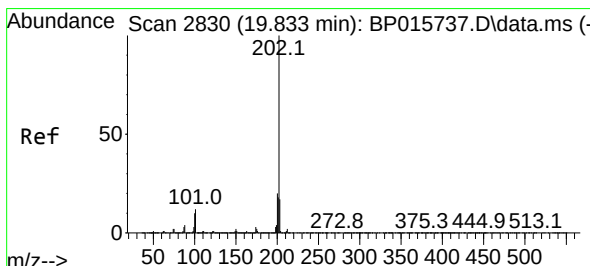
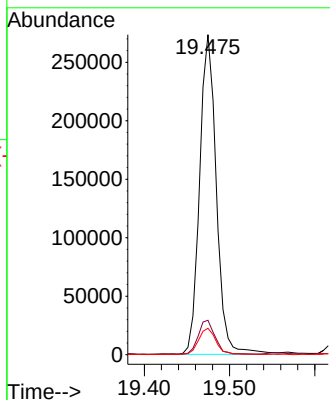
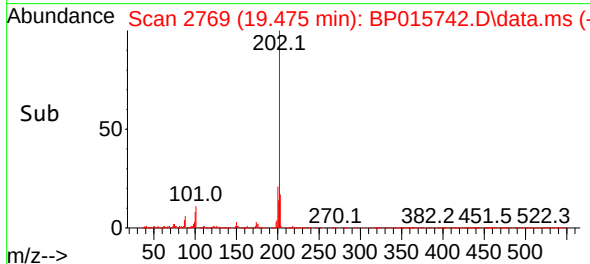
Instrument :
BNA_P
ClientSampleId :
DCFM6



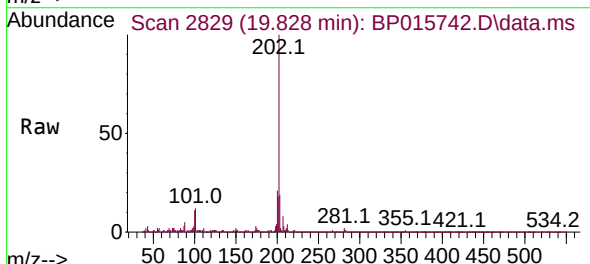
Tgt Ion:202 Resp: 37385
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 8.2 6.6 9.8

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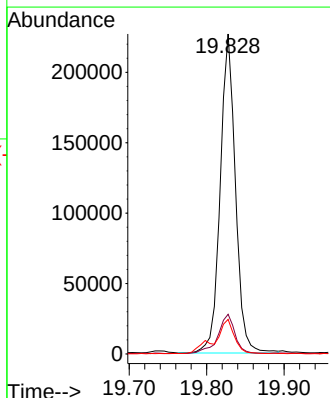
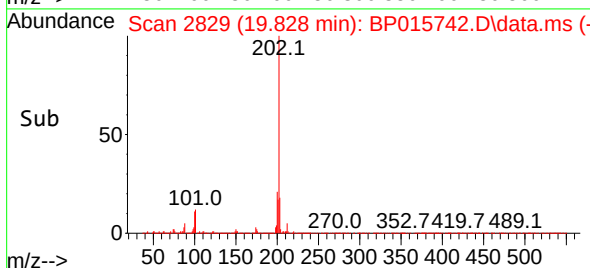
Reviewed By :Yogesh Patel 06/27/2023
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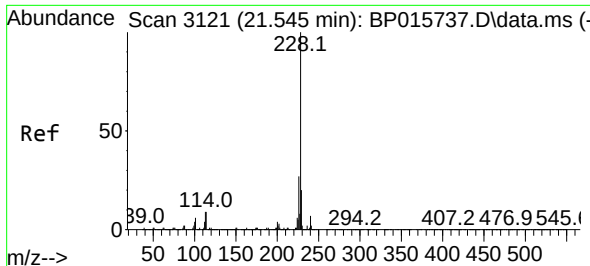


#82
Pyrene
Concen: 5.640 ng/u1
RT: 19.828 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23



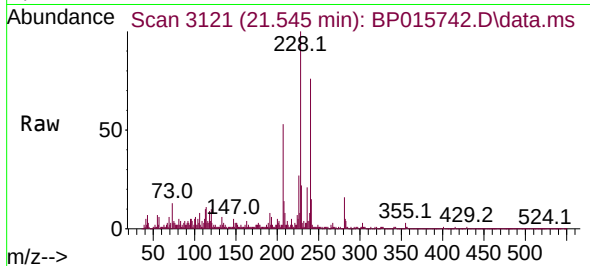
Tgt Ion:202 Resp: 311418
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.8 7.6 11.4





#85
Benzo(a)anthracene
Concen: 4.178 ng/ul
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

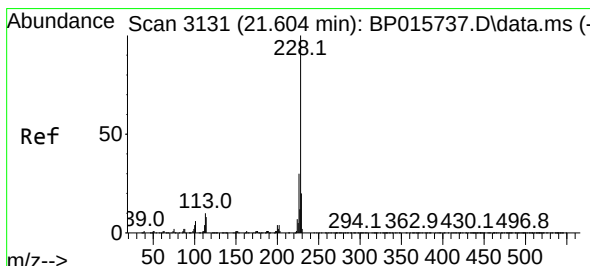
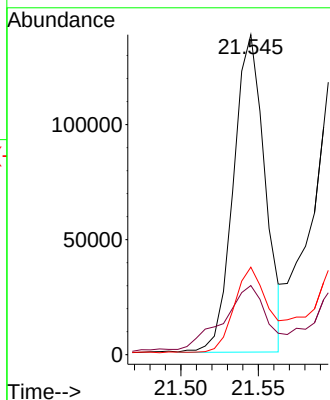
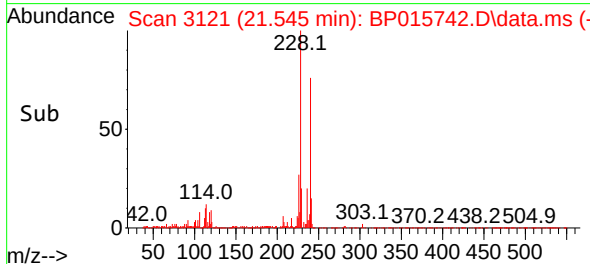
Instrument :
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ClientSampleId :
DCFM6



Tgt Ion:228 Resp: 196043
Ion Ratio Lower Upper
228 100
229 21.6 15.3 22.9
226 27.4 21.4 32.0

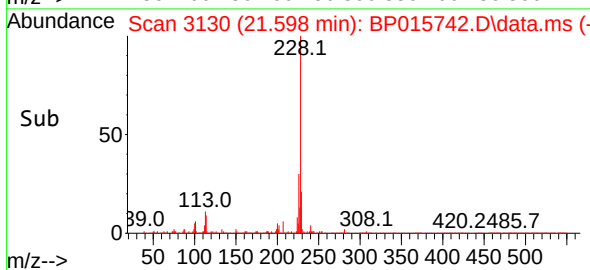
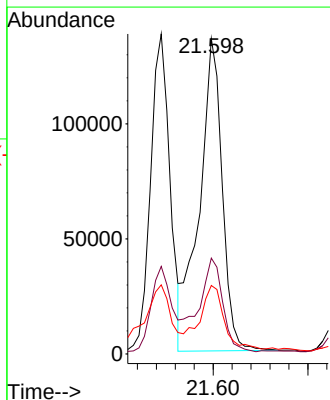
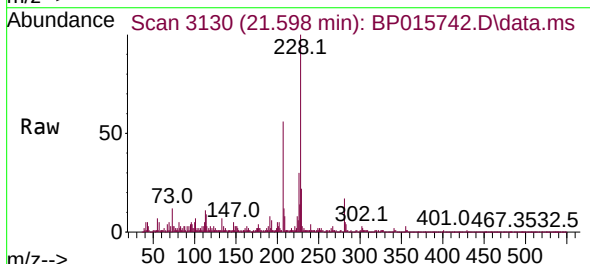
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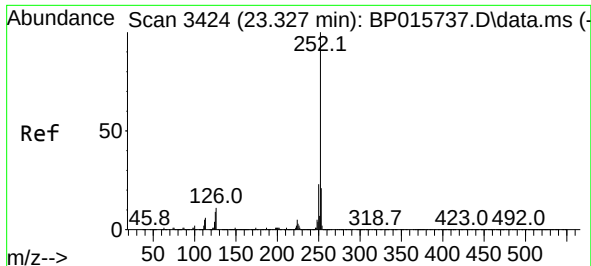
Reviewed By :Yogesh Patel 06/27/2023
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#87
Chrysene
Concen: 5.124 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

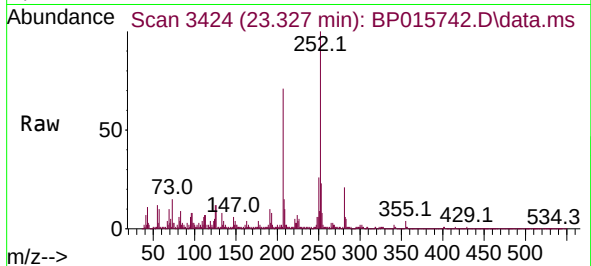
Tgt Ion:228 Resp: 228100
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 6.681 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

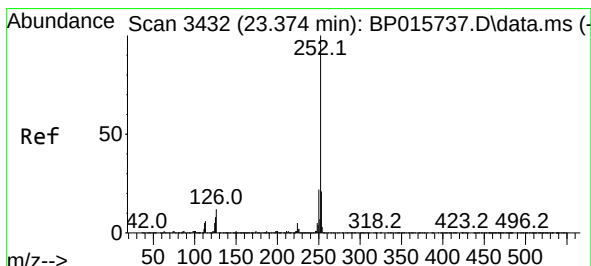
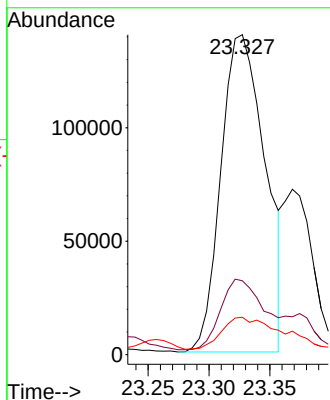
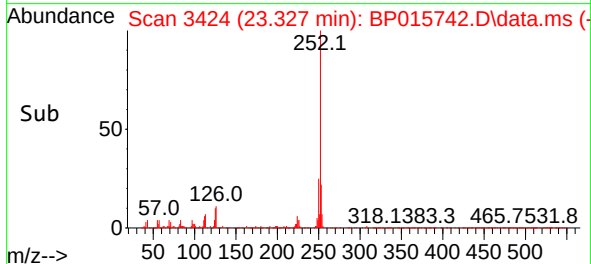
Instrument :
BNA_P
ClientSampleId :
DCFM6



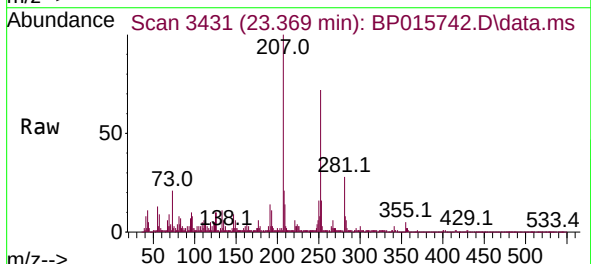
Tgt Ion:252 Resp: 35291
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 11.7 7.5 11.3

Manual Integrations
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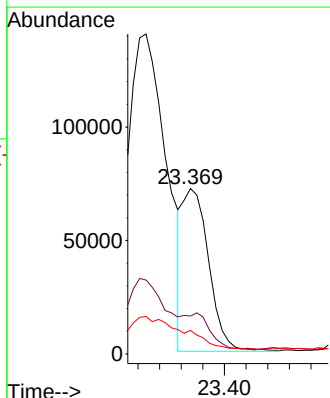
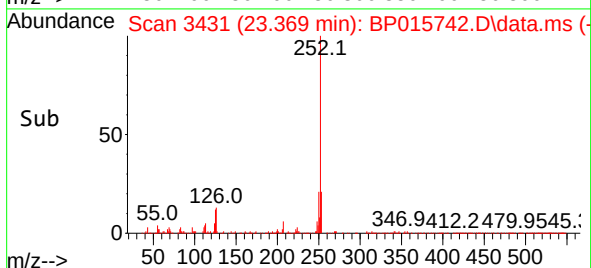
Reviewed By :Yogesh Patel 06/27/2023
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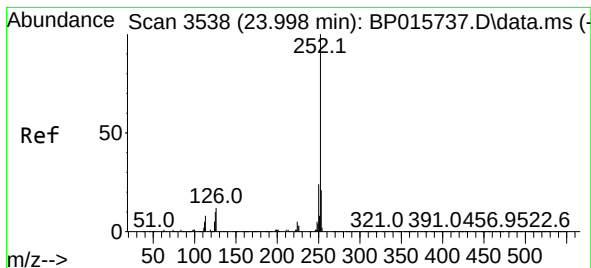


#91
Benzo(k)fluoranthene
Concen: 2.255 ng/ul m
RT: 23.369 min Scan# 3431
Delta R.T. -0.012 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23



Tgt Ion:252 Resp: 120366
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.4
125 14.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 4.671 ng/ul

RT: 23.992 min Scan# 3538

Delta R.T. -0.012 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

DCFM6

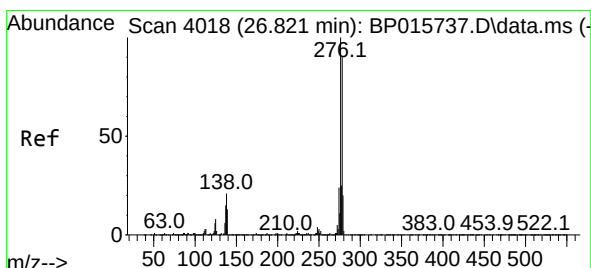
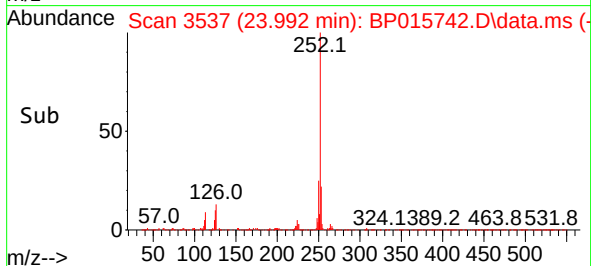
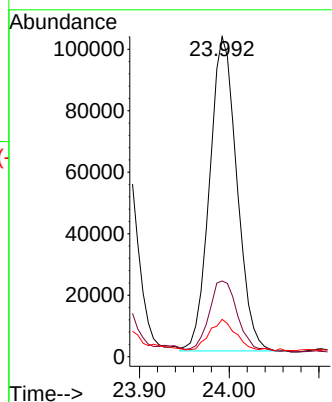
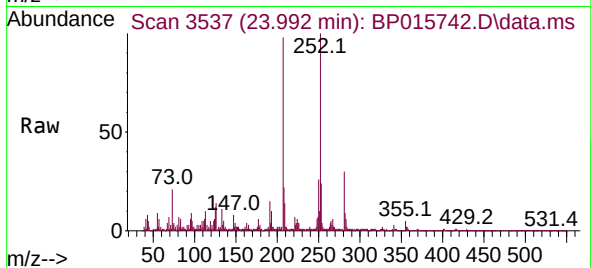
Tgt Ion:	252	Resp:	215574
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.7	26.5
125	11.6	8.2	12.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.023 ng/ul

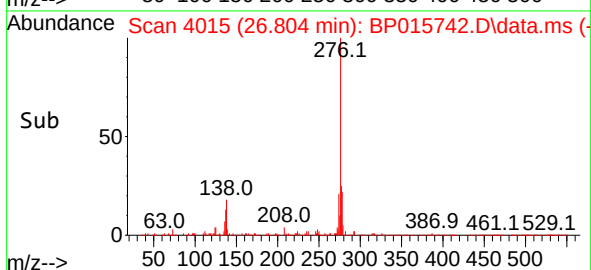
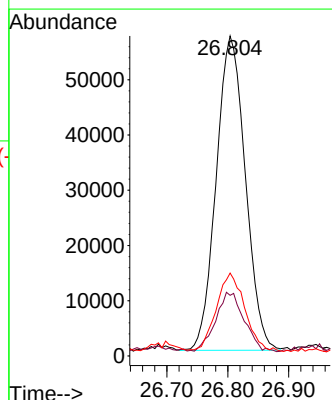
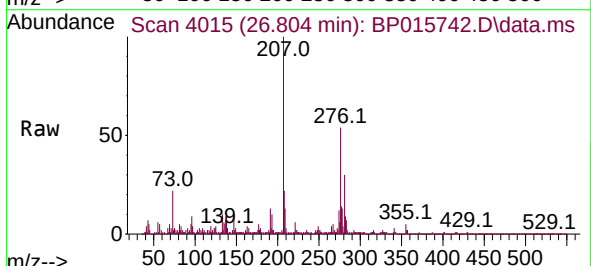
RT: 26.804 min Scan# 4015

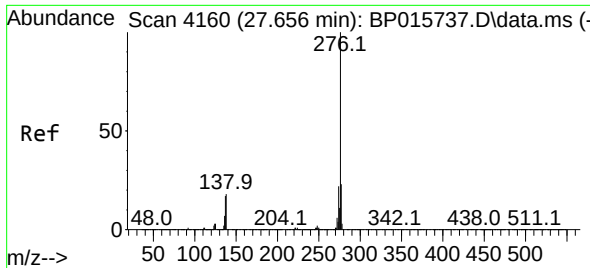
Delta R.T. -0.012 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

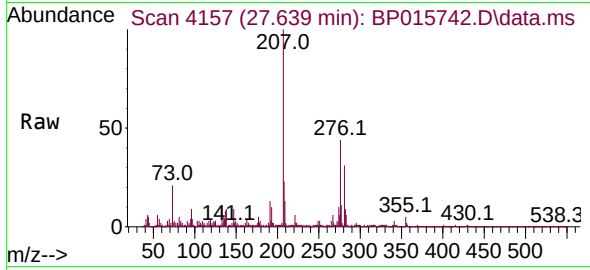
Tgt Ion:	276	Resp:	189432
Ion Ratio	Lower	Upper	
276	100		
138	19.0	15.7	23.5
277	25.9	19.6	29.4





#96
 Benzo(g,h,i)perylene
 Concen: 3.495 ng/ul
 RT: 27.639 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BP015742.D
 Acq: 27 Jun 2023 12:23

Instrument :
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Tgt Ion:276 Resp: 18014
 Ion Ratio Lower Upper
 276 100
 138 19.9 15.1 22.7
 277 25.8 18.8 28.2

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