

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015691.D
 Acq On : 24 Jun 2023 02:47
 Operator : MA/JU
 Sample : 03084-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFM1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 03:36:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	143794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	516246	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	289525	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	630644	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	633574	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	772816	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	13655	3.516	ng/uL	0.00
4) Pyridine-d5	3.846	84	132835	13.170	ng/u1	0.00
7) Phenol-d5	7.246	99	221182	16.696	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	143024	18.078	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	186972	19.467	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	163037	14.996	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	85072	20.990	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	96502	20.849	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	161542	19.133	ng/u1	0.01
31) 4-Chloroaniline-d4	11.063	131	149990	12.376	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	500699	21.931	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	578703	23.181	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	55974m	13.691	ng/u1	0.03
60) Fluorene-d10	15.722	176	425493	22.101	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	54631	13.674	ng/u1	0.01
73) Anthracene-d10	17.592	188	647380	22.562	ng/u1	0.00
81) Pyrene-d10	19.816	212	846265	24.956	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	905785	23.359	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.534	178	47303	1.398	ng/u1	97
80) Fluoranthene	19.492	202	106639	2.582	ng/u1	99
82) Pyrene	19.845	202	94622	2.214	ng/u1	99
85) Benzo(a)anthracene	21.563	228	64962	1.467	ng/u1#	93
87) Chrysene	21.622	228	82644	1.974	ng/u1#	91
90) Benzo(b)fluoranthene	23.357	252	117049	2.346	ng/u1#	81
93) Benzo(a)pyrene	24.027	252	70642	1.624	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	26.851	276	58841	1.045	ng/u1	97
96) Benzo(g,h,i)perylene	27.698	276	69047	1.489	ng/u1#	91

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

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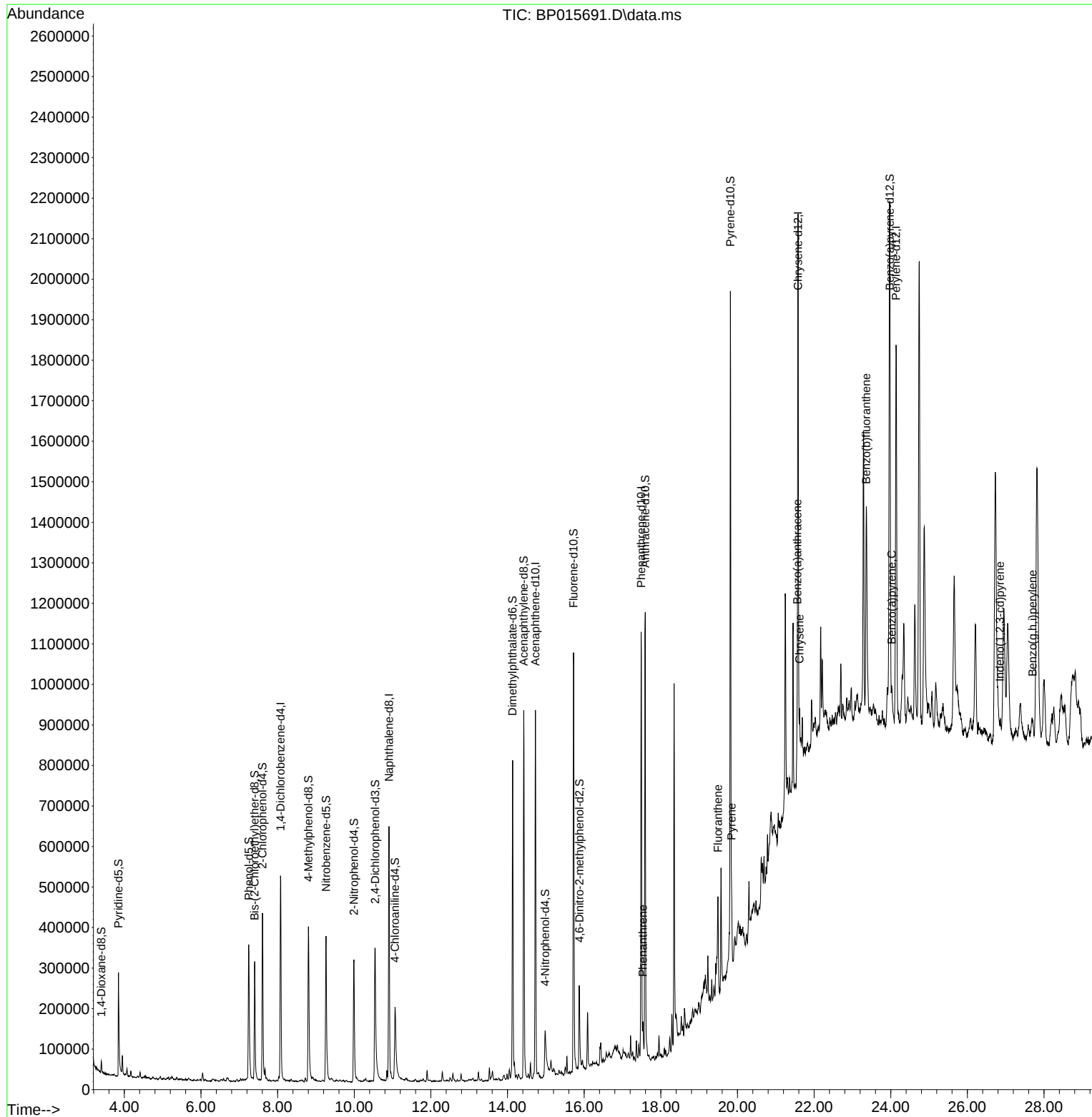
Quant Time: Jun 24 03:36:12 2023

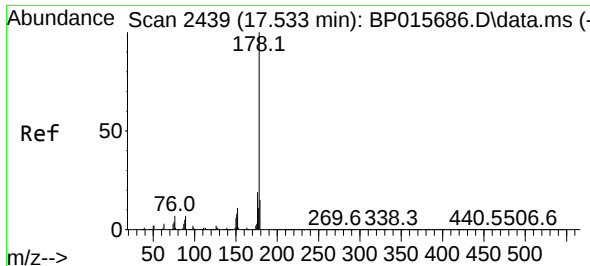
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 22 22:01:49 2023

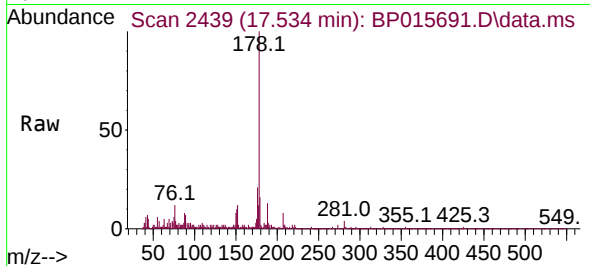
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.398 ng/ul
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015691.D
Acq: 24 Jun 2023 02:47

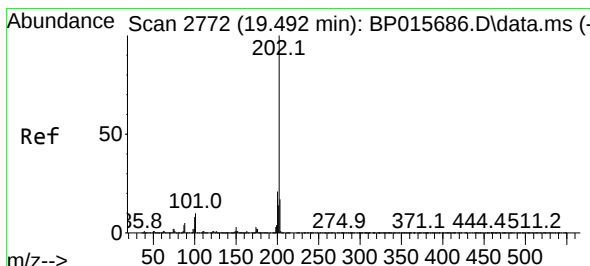
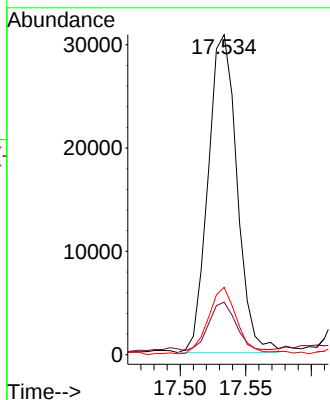
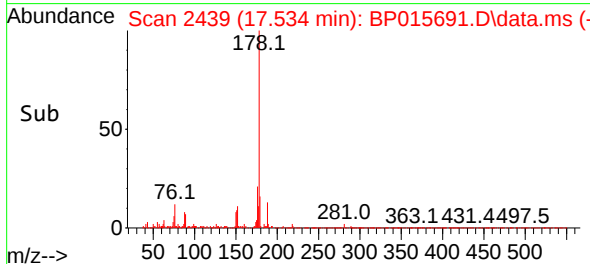
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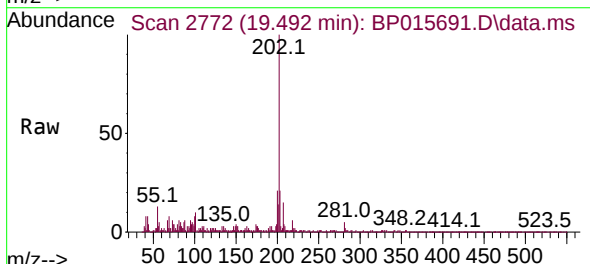
Tgt Ion:178 Resp: 4730
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 21.1 15.4 23.0

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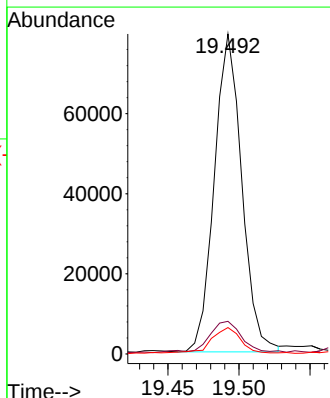
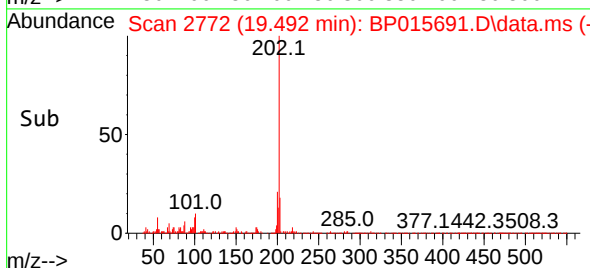
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

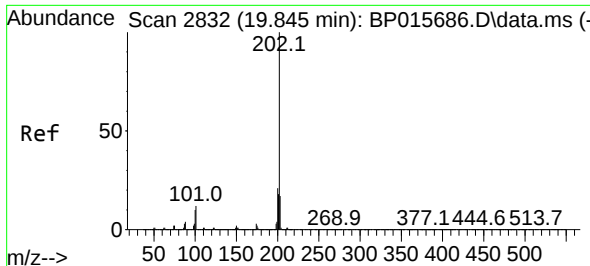


#80
Fluoranthene
Concen: 2.582 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015691.D
Acq: 24 Jun 2023 02:47



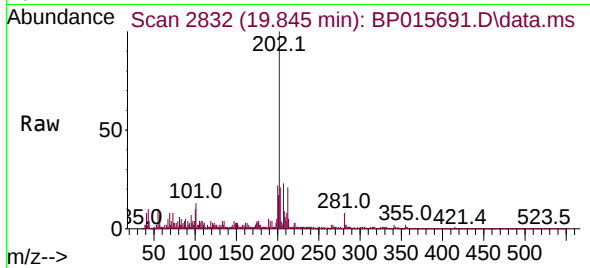
Tgt Ion:202 Resp: 106639
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 8.3 6.6 9.8





#82
Pyrene
Concen: 2.214 ng/ul
RT: 19.845 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015691.D
Acq: 24 Jun 2023 02:47

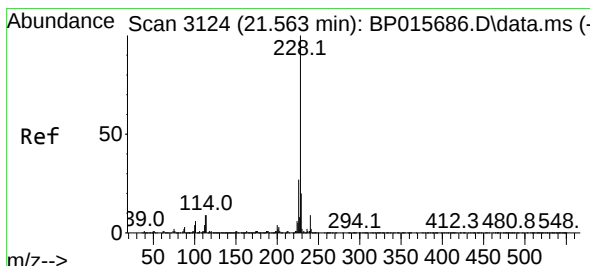
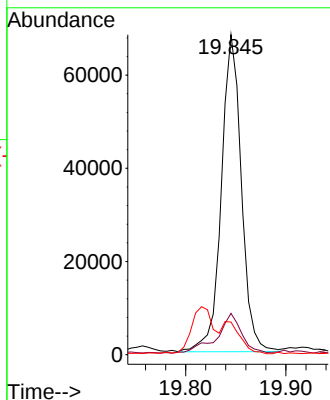
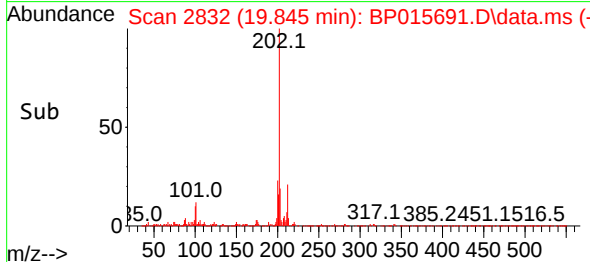
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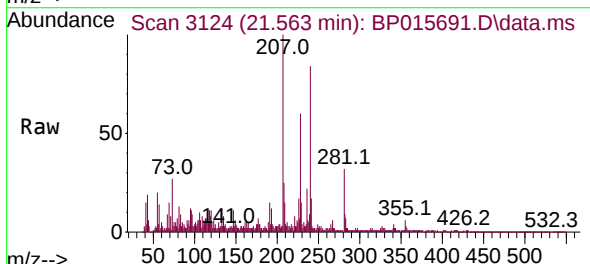
Tgt Ion:202 Resp: 9462
Ion Ratio Lower Upper
202 100
101 12.9 9.9 14.9
100 10.2 8.4 12.6

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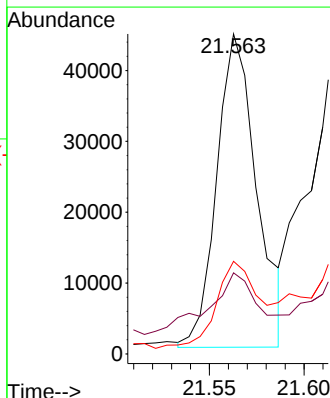
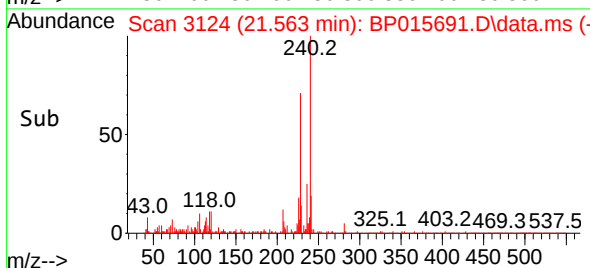
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

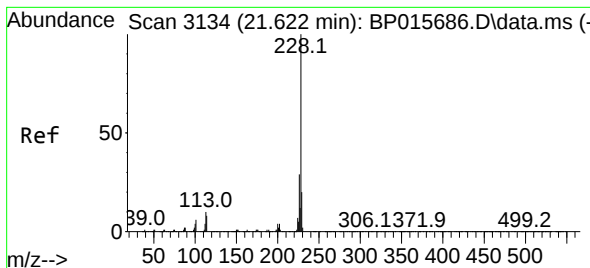


#85
Benzo(a)anthracene
Concen: 1.467 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP015691.D
Acq: 24 Jun 2023 02:47



Tgt Ion:228 Resp: 64962
Ion Ratio Lower Upper
228 100
229 25.3 15.8 23.6#
226 29.0 21.8 32.6





#87

Chrysene

Concen: 1.974 ng/ul

RT: 21.622 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP015691.D

Acq: 24 Jun 2023 02:47

Instrument :

BNA_P

ClientSampleId :

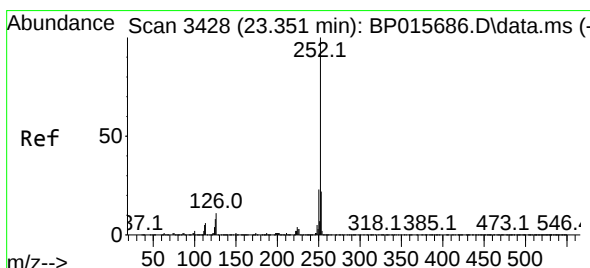
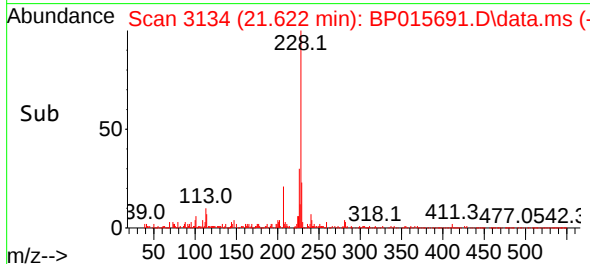
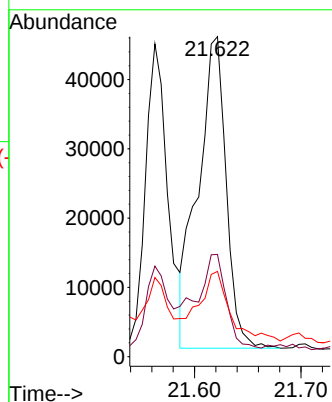
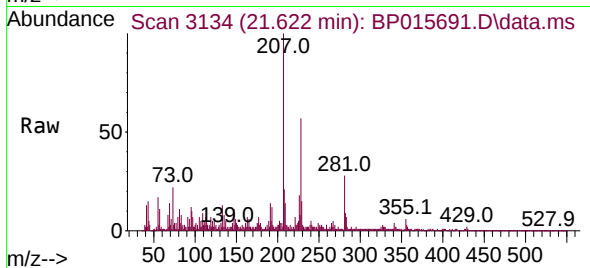
DCFM1

Tgt Ion:	228	Resp:	8264
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.9	35.9
229	26.6	15.1	22.7

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#90

Benzo(b)fluoranthene

Concen: 2.346 ng/ul

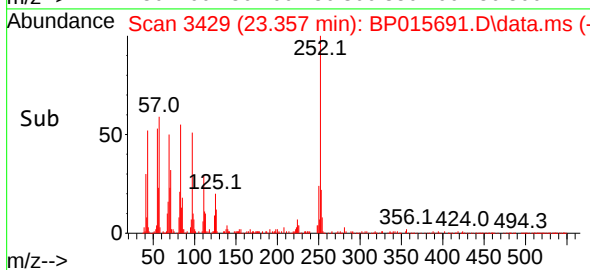
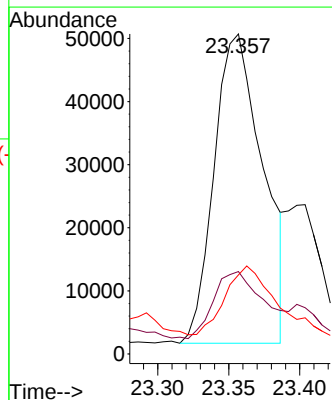
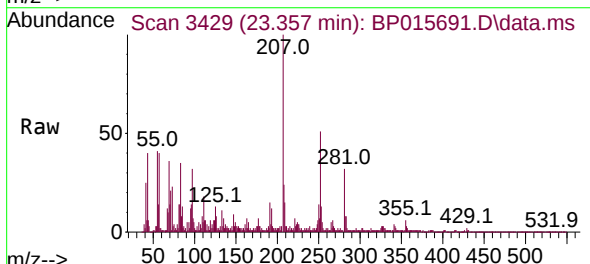
RT: 23.357 min Scan# 3429

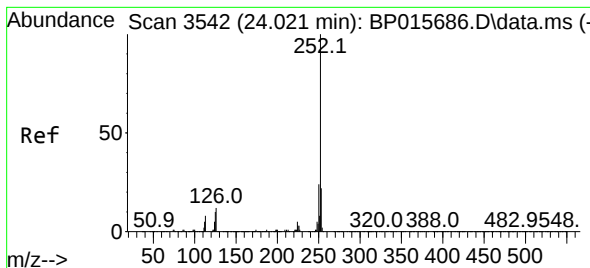
Delta R.T. 0.012 min

Lab File: BP015691.D

Acq: 24 Jun 2023 02:47

Tgt Ion:	252	Resp:	117049
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.4	26.2
125	24.7	7.3	10.9





#93

Benzo(a)pyrene

Concen: 1.624 ng/ul

RT: 24.027 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BP015691.D

Acq: 24 Jun 2023 02:47

Instrument :

BNA_P

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DCFM1

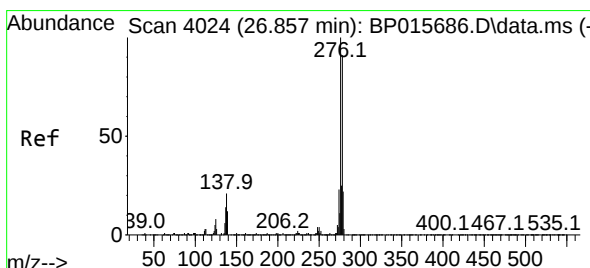
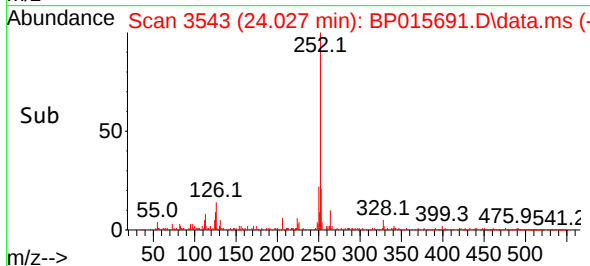
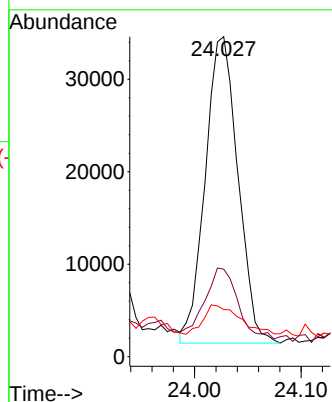
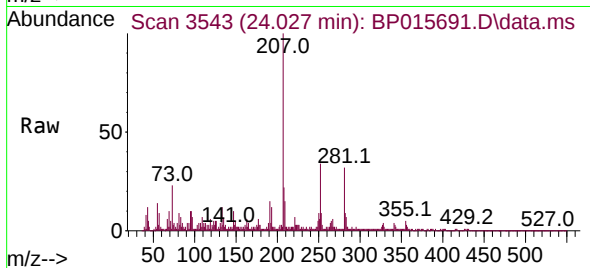
Tgt Ion:	252	Resp:	7064
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.8	26.6
125	14.7	8.1	12.1

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.045 ng/ul

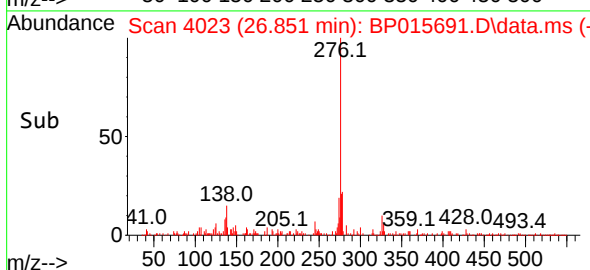
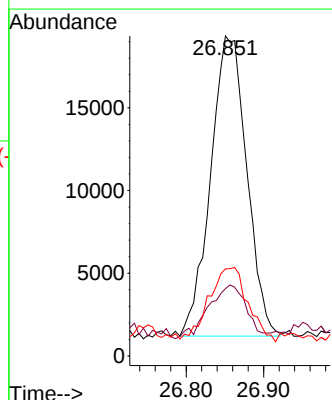
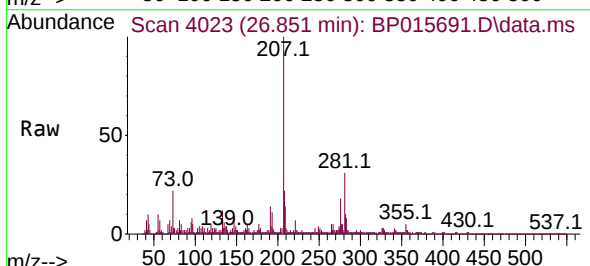
RT: 26.851 min Scan# 4023

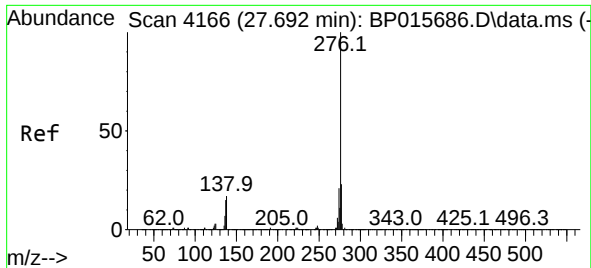
Delta R.T. 0.012 min

Lab File: BP015691.D

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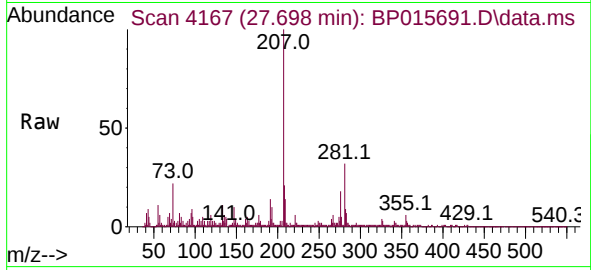
Tgt Ion:	276	Resp:	58841
Ion Ratio	Lower	Upper	
276	100		
138	21.0	17.3	25.9
277	27.2	20.2	30.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.489 ng/ul
 RT: 27.698 min Scan# 4167
 Delta R.T. 0.018 min
 Lab File: BP015691.D
 Acq: 24 Jun 2023 02:47

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 276 Resp: 6904
 Ion Ratio Lower Upper
 276 100
 138 21.9 15.6 23.4
 277 29.8 19.0 28.6

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