

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015642.D
 Acq On : 22 Jun 2023 12:17
 Operator : MA/JU
 Sample : 03083-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 22 22:22:26 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	8.081	152	118827	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	503250	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	293740	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	535619	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	441763	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	565884	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	4374	1.363	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	73283	6.694	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	54420	8.324	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	66971	8.438	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	30667	3.413	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	34263	8.672	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	33851	7.502	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	54299	6.597	ng/u1	0.02
31) 4-Chloroaniline-d4	11.087	131	20956m	1.774	ng/u1	0.04
46) Dimethylphthalate-d6	14.134	166	213446	9.215	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	237015	9.358	ng/u1	0.00
54) 4-Nitrophenol-d4	15.010	143	9726m	2.345	ng/u1	0.06
60) Fluorene-d10	15.722	176	171920	8.802	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.886	200	16409m	4.836	ng/u1	0.02
73) Anthracene-d10	17.592	188	215299	8.835	ng/u1	0.00
81) Pyrene-d10	19.816	212	184803	7.816	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	139213	4.903	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.533	178	61890	2.153	ng/u1	97
80) Fluoranthene	19.492	202	137829	4.786	ng/u1	100
82) Pyrene	19.845	202	78282	2.627	ng/u1	98
85) Benzo(a)anthracene	21.563	228	72098	2.335	ng/u1	96
87) Chrysene	21.616	228	89173	3.055	ng/u1	98
90) Benzo(b)fluoranthene	23.345	252	148870	4.076	ng/u1#	93
91) Benzo(k)fluoranthene	23.392	252	42654m	1.208	ng/u1	
93) Benzo(a)pyrene	24.021	252	38778	1.218	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	26.839	276	52350	1.270	ng/u1	97

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

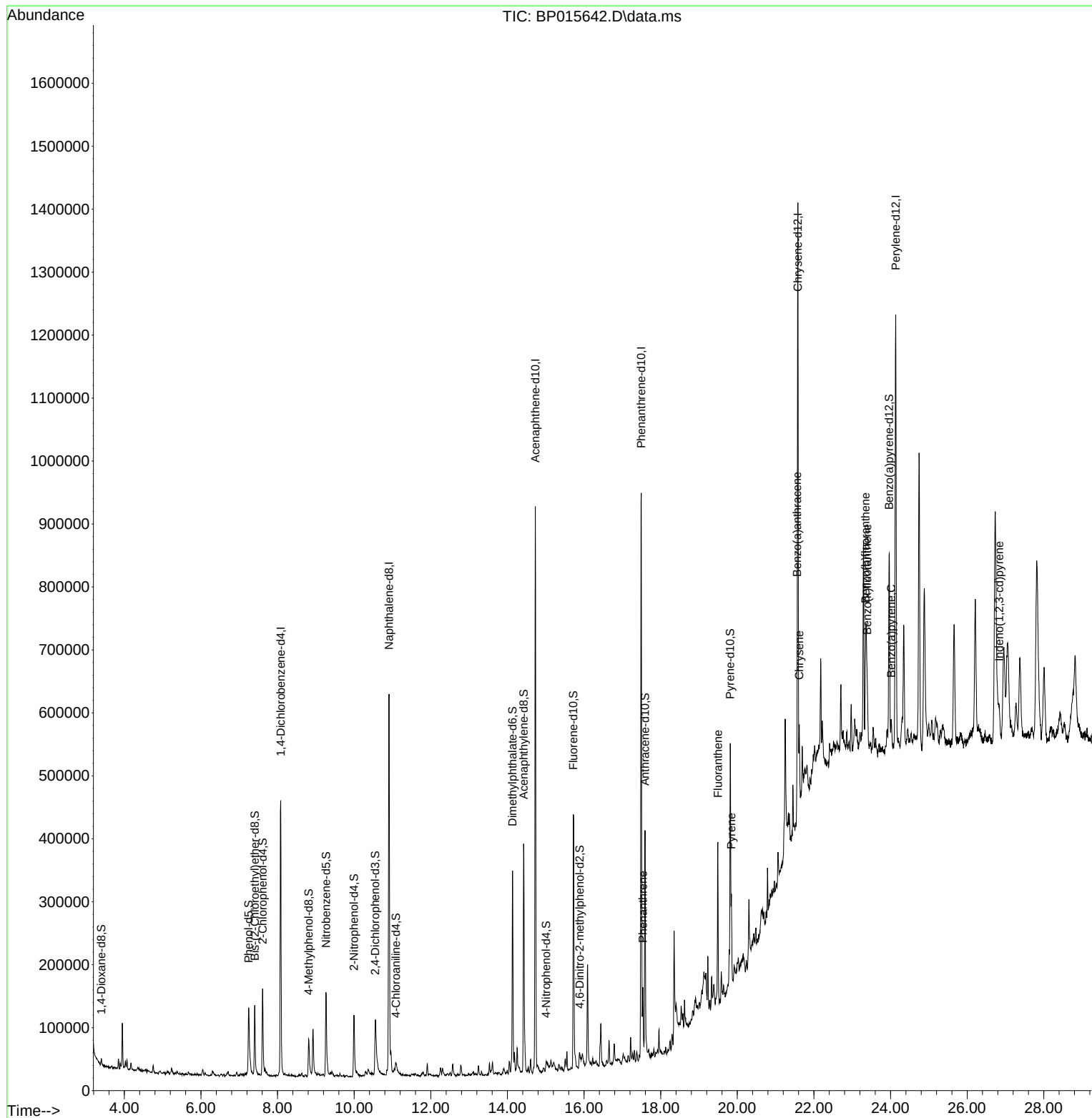
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015642.D
Acq On : 22 Jun 2023 12:17
Operator : MA/JU
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ALS Vial : 5 Sample Multiplier: 1

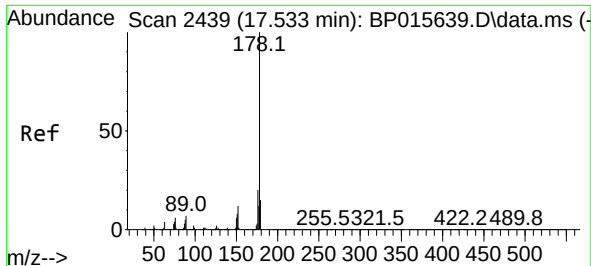
Instrument :
BNA_P
ClientSampleId :
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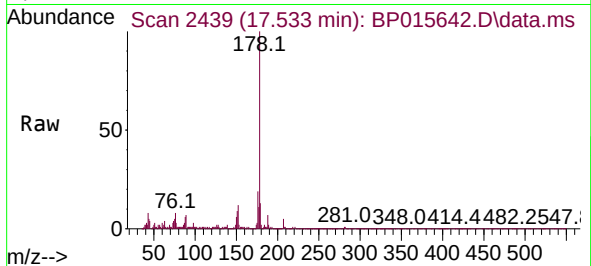
Quant Time: Jun 22 22:22:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.153 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17

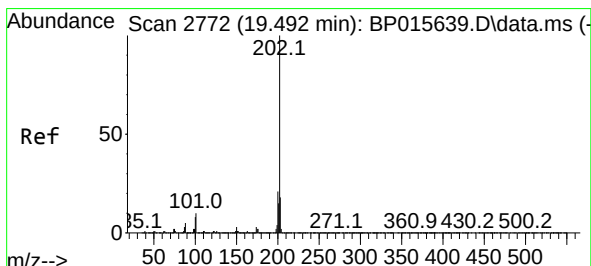
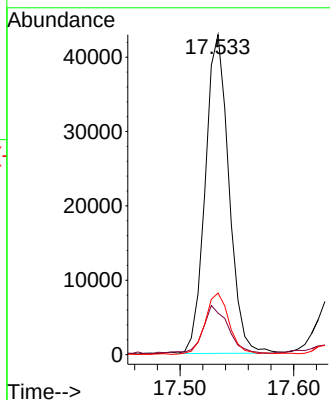
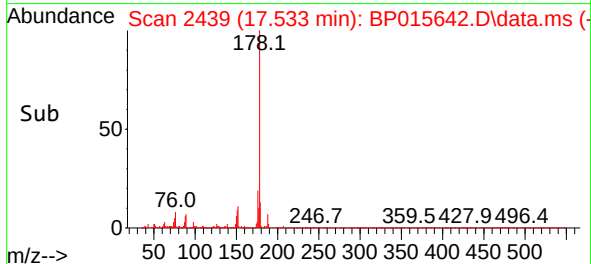
Instrument :
BNA_P
ClientSampleId :
DCFK1



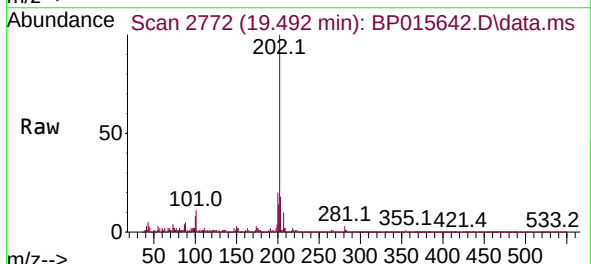
Tgt Ion:178 Resp: 61890
Ion Ratio Lower Upper
178 100
179 13.0 12.3 18.5
176 19.3 15.4 23.0

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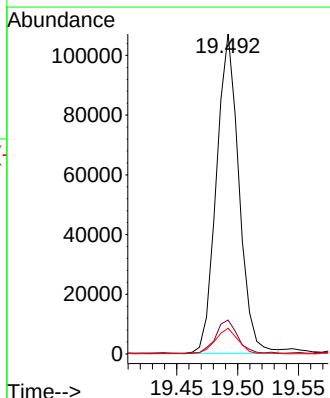
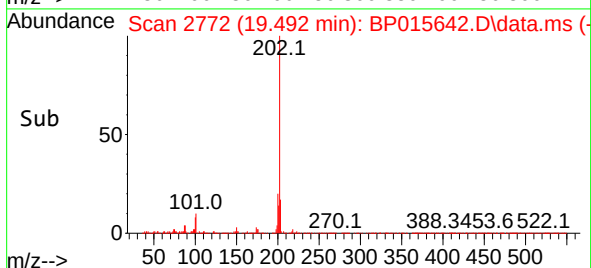
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

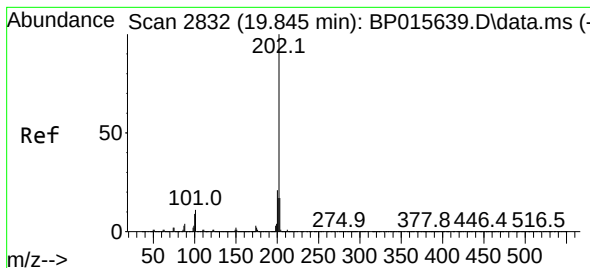


#80
Fluoranthene
Concen: 4.786 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17



Tgt Ion:202 Resp: 137829
Ion Ratio Lower Upper
202 100
101 10.6 8.6 13.0
100 8.1 6.6 9.8





#82

Pyrene

Concen: 2.627 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015642.D

Acq: 22 Jun 2023 12:17

Instrument :

BNA_P

ClientSampleId :

DCFK1

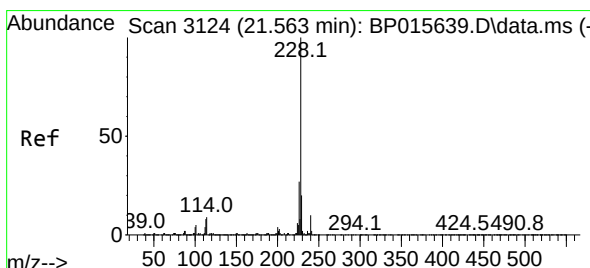
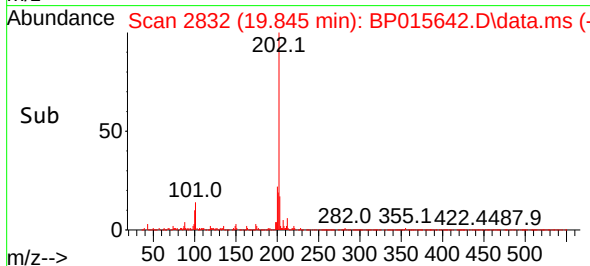
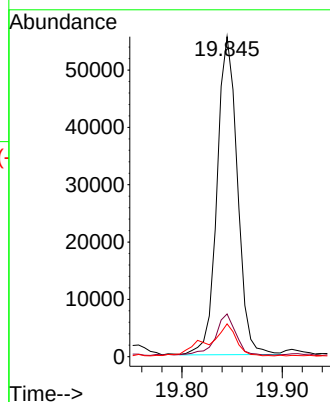
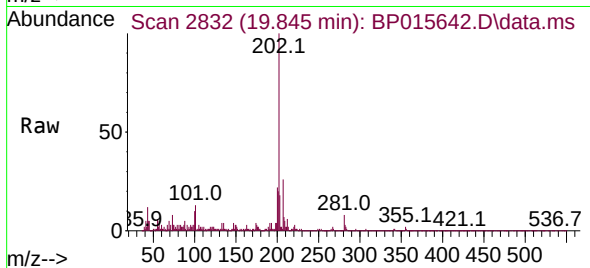
Tgt Ion:	202	Resp:	7828
Ion Ratio	Lower	Upper	
202	100		
101	13.3	9.9	14.9
100	10.2	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 2.335 ng/ul

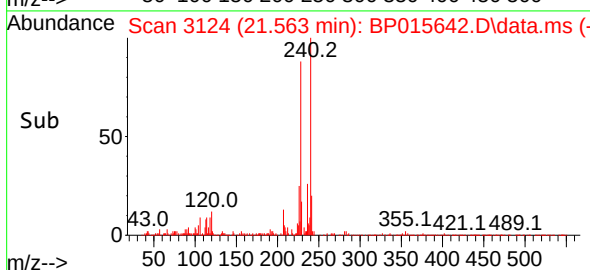
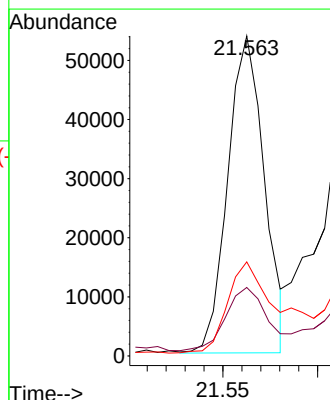
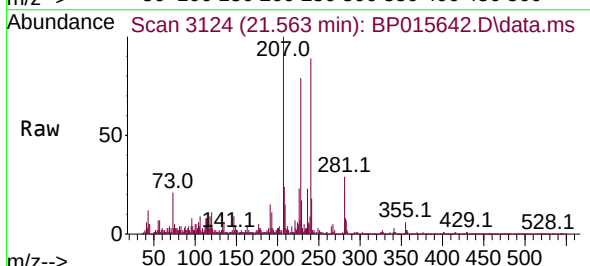
RT: 21.563 min Scan# 3124

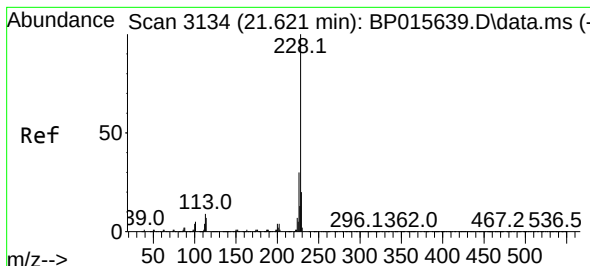
Delta R.T. 0.000 min

Lab File: BP015642.D

Acq: 22 Jun 2023 12:17

Tgt Ion:	228	Resp:	72098
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.8	23.6
226	29.4	21.8	32.6





#87

Chrysene

Concen: 3.055 ng/ul

RT: 21.616 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP015642.D

Acq: 22 Jun 2023 12:17

Instrument :

BNA_P

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DCFK1

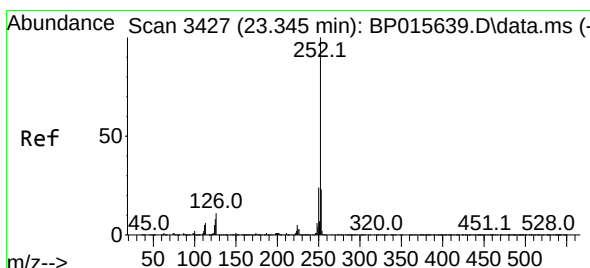
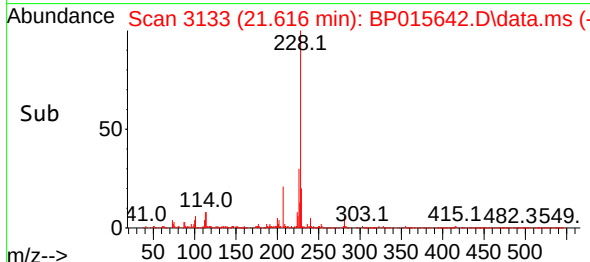
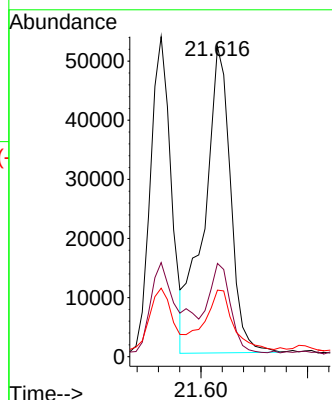
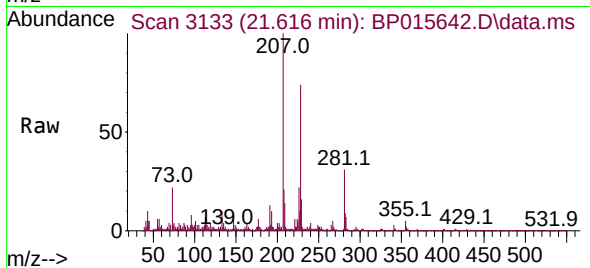
Tgt Ion:	228	Resp:	8917
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.9	35.9
229	21.5	15.1	22.7

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#90

Benzo(b)fluoranthene

Concen: 4.076 ng/ul

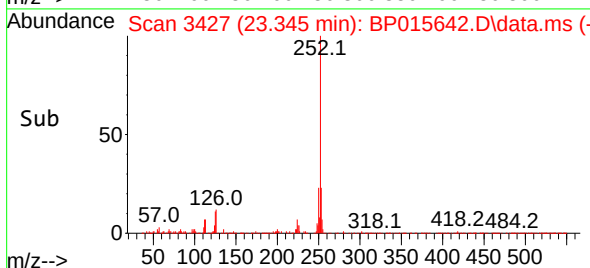
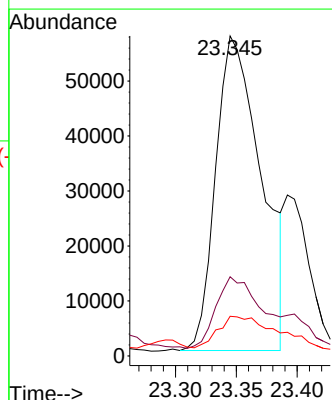
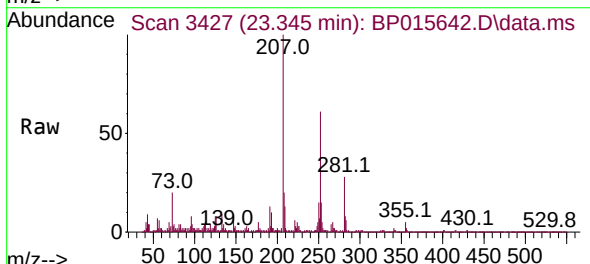
RT: 23.345 min Scan# 3427

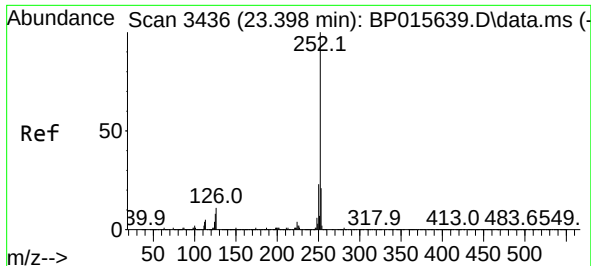
Delta R.T. 0.000 min

Lab File: BP015642.D

Acq: 22 Jun 2023 12:17

Tgt Ion:	252	Resp:	148870
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.4	26.2
125	12.4	7.3	10.9





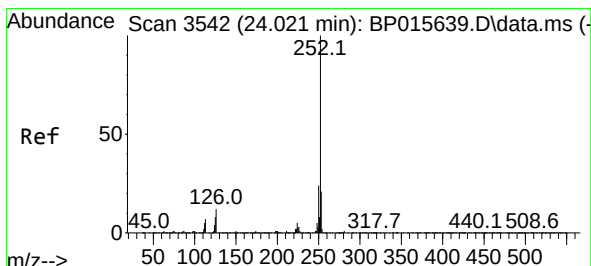
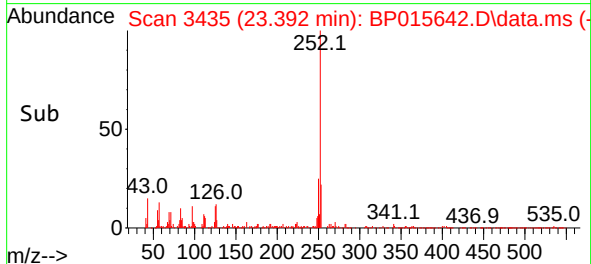
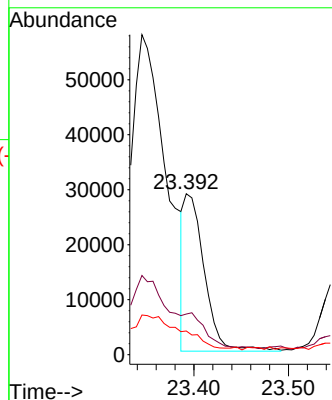
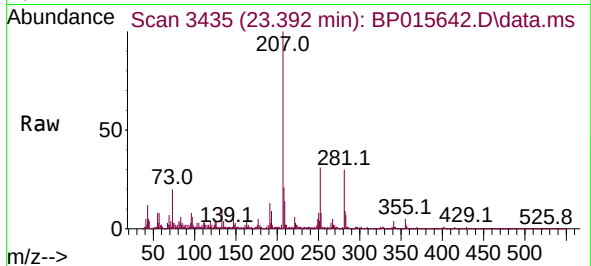
#91
Benzo(k)fluoranthene
Concen: 1.208 ng/ul m
RT: 23.392 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17

Instrument : BNA_P
ClientSampleId : DCFK1

Tgt Ion:252 Resp: 42654
Ion Ratio Lower Upper
252 100
253 25.3 17.7 26.5
125 14.7 7.3 10.9

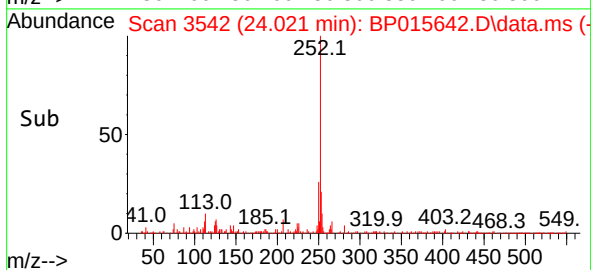
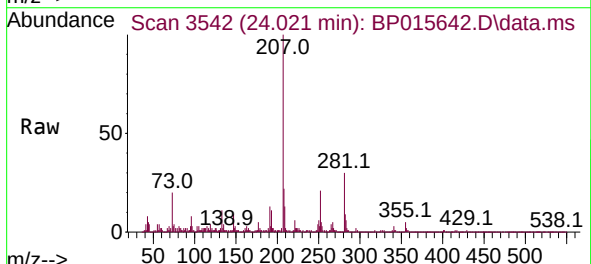
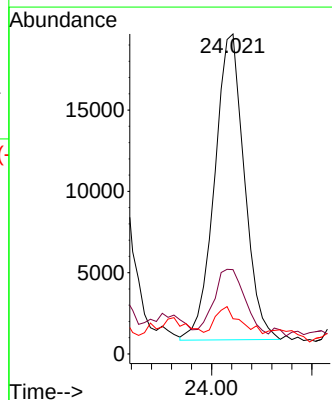
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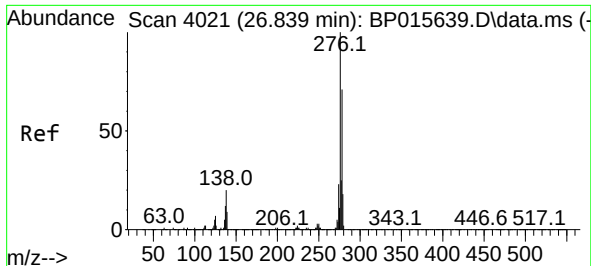
Reviewed By :Yogesh Patel 06/23/2023
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#93
Benzo(a)pyrene
Concen: 1.218 ng/ul
RT: 24.021 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17

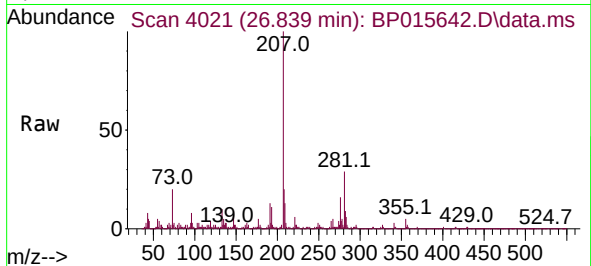
Tgt Ion:252 Resp: 38778
Ion Ratio Lower Upper
252 100
253 26.3 17.8 26.6
125 11.0 8.1 12.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.270 ng/ul
 RT: 26.839 min Scan# 4021
 Delta R.T. 0.000 min
 Lab File: BP015642.D
 Acq: 22 Jun 2023 12:17

Instrument :
 BNA_P
 ClientSampleId :
 DCFK1



Tgt Ion: 276 Resp: 52350
 Ion Ratio Lower Upper
 276 100
 138 19.8 17.3 25.9
 277 23.7 20.2 30.2

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