

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015705.D
 Acq On : 24 Jun 2023 12:54
 Operator : MA/JU
 Sample : 03085-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ2

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:24:56 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	149316	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	560688	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	312260	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	616729	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	641419	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	785922	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	4980	1.235	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.252	99	62863m	4.570	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.405	67	52008	6.331	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	60525	6.069	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	12476m	1.105	ng/u1	0.03
21) Nitrobenzene-d5	9.275	128	28257	6.419	ng/u1	0.02
24) 2-Nitrophenol-d4	9.999	143	31774	6.321	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.575	165	41273	4.501	ng/u1	0.04
31) 4-Chloroaniline-d4	11.110	131	27866m	2.117	ng/u1	0.06
46) Dimethylphthalate-d6	14.140	166	180897	7.346	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	195712	7.269	ng/u1	0.00
54) 4-Nitrophenol-d4	15.045	143	14427m	3.272	ng/u1	0.09
60) Fluorene-d10	15.728	176	148870	7.169	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	13260	3.394	ng/u1	0.03
73) Anthracene-d10	17.592	188	213235	7.599	ng/u1	0.00
81) Pyrene-d10	19.816	212	282651	8.233	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	304134	7.712	ng/u1	0.00
Target Compounds					Qvalue	
80) Fluoranthene	19.492	202	131720	3.150	ng/u1	99
82) Pyrene	19.845	202	120032	2.774	ng/u1	99
85) Benzo(a)anthracene	21.563	228	88849	1.981	ng/u1	98
87) Chrysene	21.622	228	91076	2.149	ng/u1	96
90) Benzo(b)fluoranthene	23.357	252	171909	3.389	ng/u1#	89
93) Benzo(a)pyrene	24.021	252	101739	2.300	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.851	276	90921	1.588	ng/u1	96
96) Benzo(g,h,i)perylene	27.698	276	91122	1.932	ng/u1#	94

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

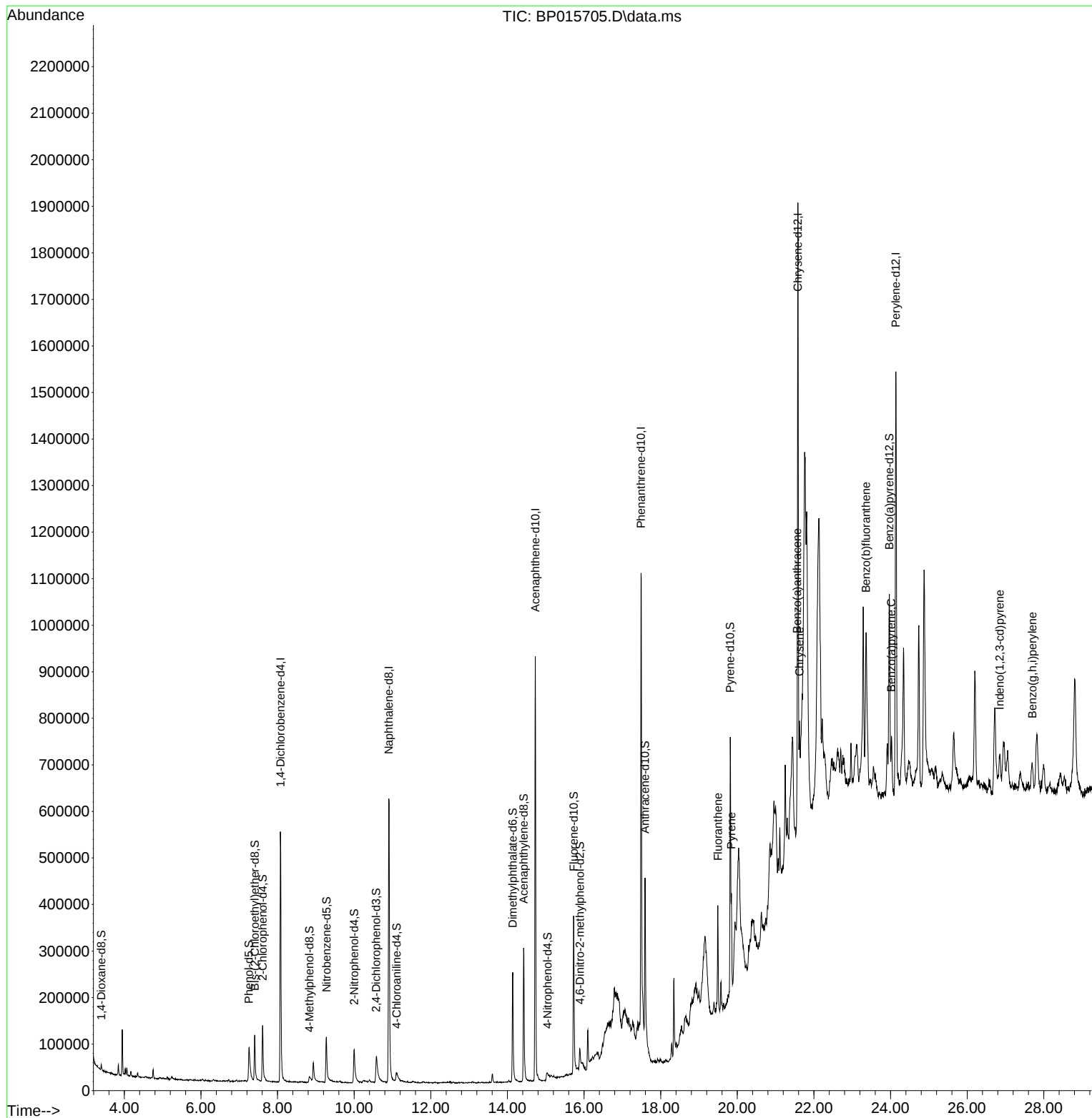
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015705.D
Acq On : 24 Jun 2023 12:54
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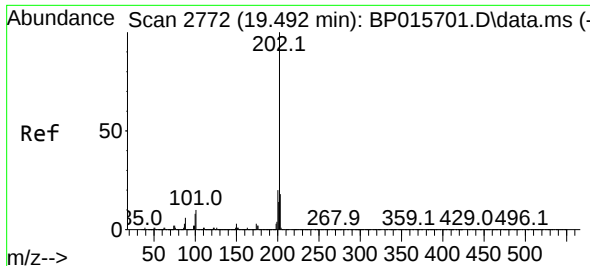
Instrument :
BNA_P
ClientSampleId :
DCFQ2

Quant Time: Jun 24 23:24:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
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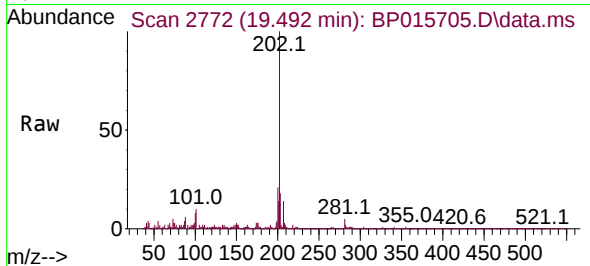
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#80
Fluoranthene
Concen: 3.150 ng/u1
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015705.D
Acq: 24 Jun 2023 12:54

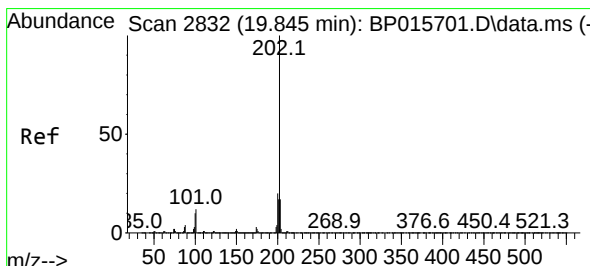
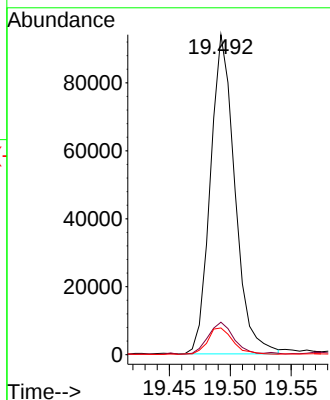
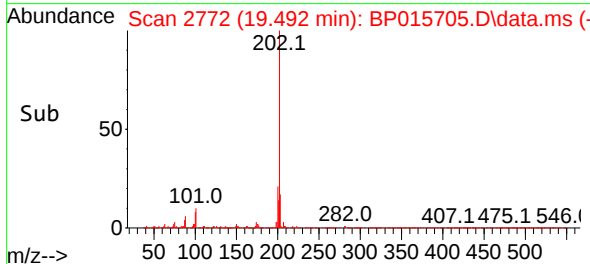
Instrument :
BNA_P
ClientSampleId :
DCFQ2



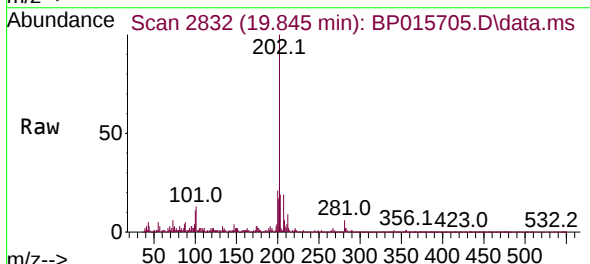
Tgt Ion:202 Resp: 131720
Ion Ratio Lower Upper
202 100
101 10.1 8.6 13.0
100 8.4 6.6 9.8

Manual Integrations
APPROVED

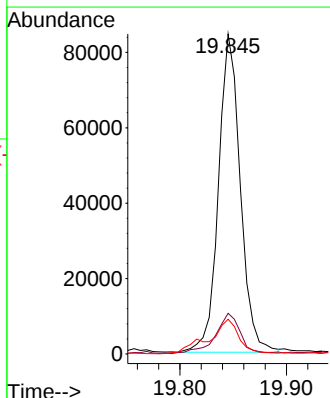
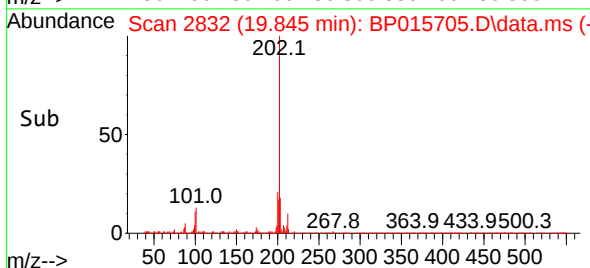
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

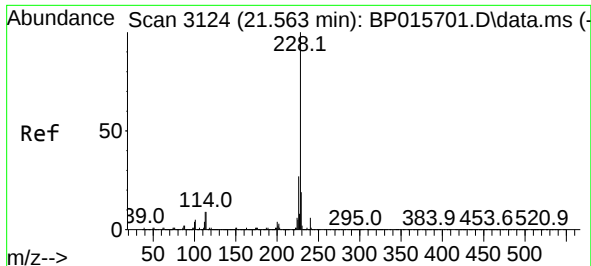


#82
Pyrene
Concen: 2.774 ng/u1
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015705.D
Acq: 24 Jun 2023 12:54



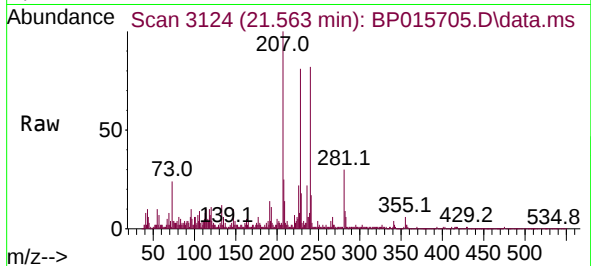
Tgt Ion:202 Resp: 120032
Ion Ratio Lower Upper
202 100
101 12.7 9.9 14.9
100 10.9 8.4 12.6





#85
Benzo(a)anthracene
Concen: 1.981 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP015705.D
Acq: 24 Jun 2023 12:54

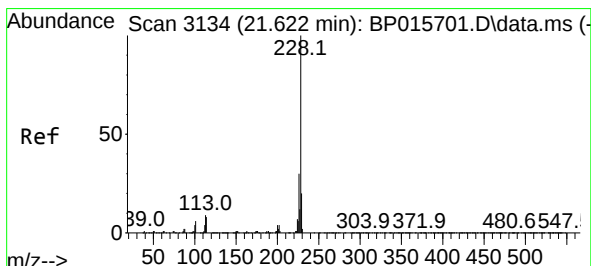
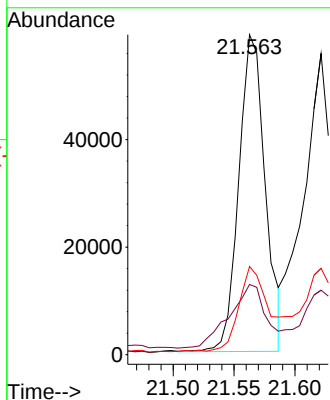
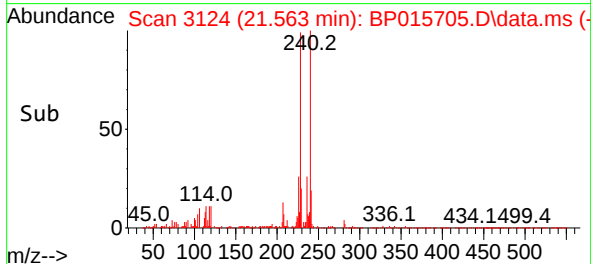
Instrument :
BNA_P
ClientSampleId :
DCFQ2



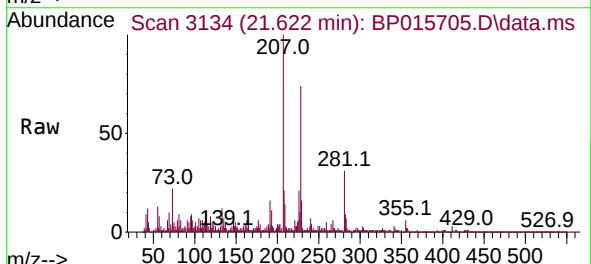
Tgt Ion:228 Resp: 88849
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 27.5 21.8 32.6

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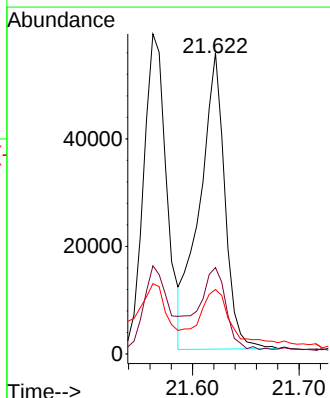
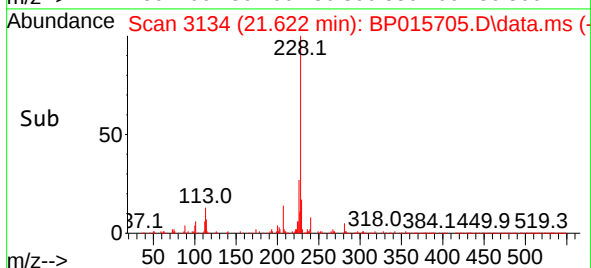
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

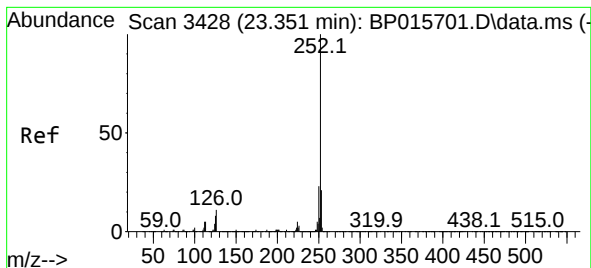


#87
Chrysene
Concen: 2.149 ng/ul
RT: 21.622 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP015705.D
Acq: 24 Jun 2023 12:54



Tgt Ion:228 Resp: 91076
Ion Ratio Lower Upper
228 100
226 28.7 23.9 35.9
229 21.4 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 3.389 ng/u1

RT: 23.357 min Scan# 3428

Delta R.T. 0.012 min

Lab File: BP015705.D

Acq: 24 Jun 2023 12:54

Instrument :

BNA_P

ClientSampleId :

DCFQ2

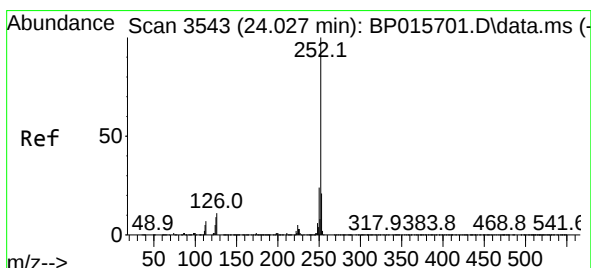
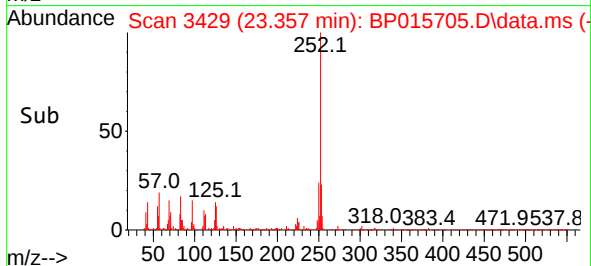
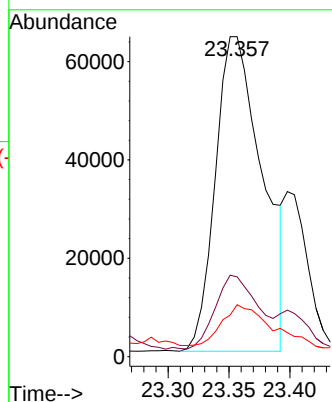
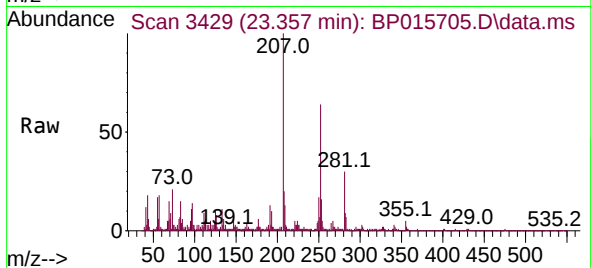
Tgt Ion:	252	Resp:	17190
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.4	26.2
125	16.2	7.3	10.9

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#93

Benzo(a)pyrene

Concen: 2.300 ng/u1

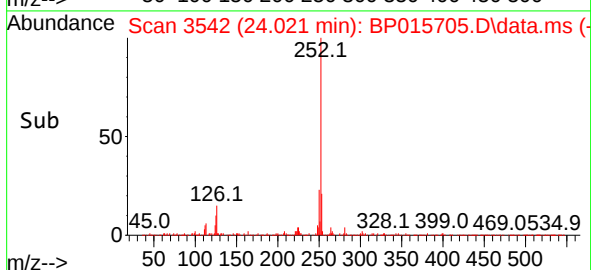
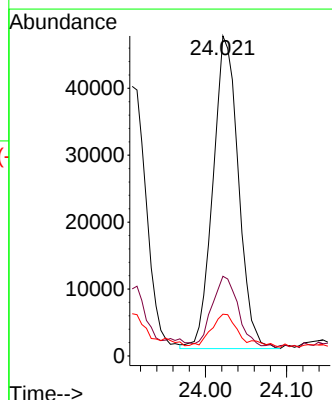
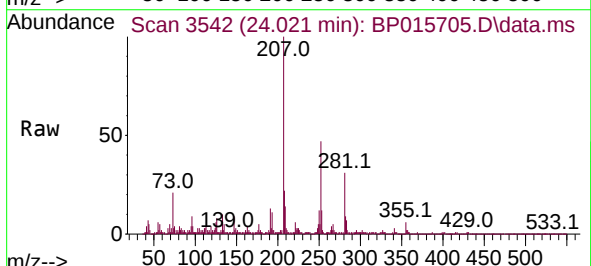
RT: 24.021 min Scan# 3542

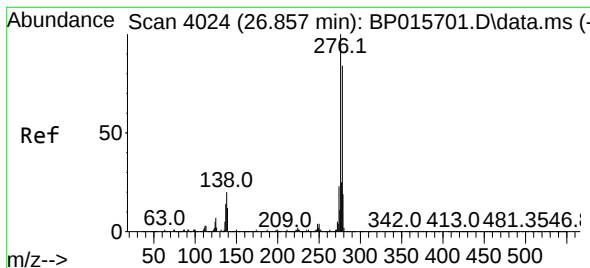
Delta R.T. 0.000 min

Lab File: BP015705.D

Acq: 24 Jun 2023 12:54

Tgt Ion:	252	Resp:	101739
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.8	26.6
125	13.0	8.1	12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.588 ng/ul

RT: 26.851 min Scan# 4024

Delta R.T. 0.012 min

Lab File: BP015705.D

Acq: 24 Jun 2023 12:54

Instrument :

BNA_P

ClientSampleId :

DCFQ2

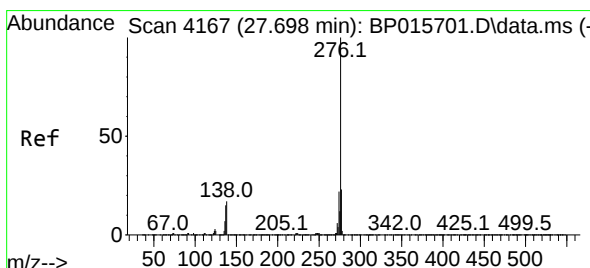
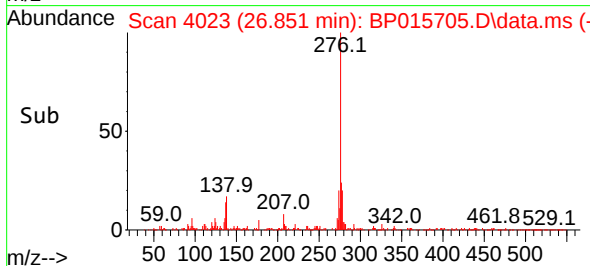
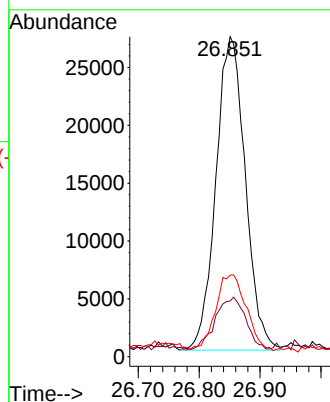
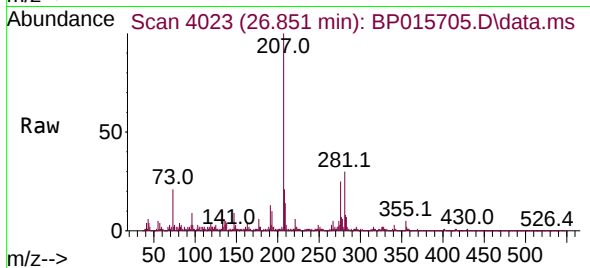
Tgt Ion:	276	Resp:	9092
Ion Ratio	Lower	Upper	
276	100		
138	17.4	17.3	25.9
277	25.5	20.2	30.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 1.932 ng/ul

RT: 27.698 min Scan# 4167

Delta R.T. 0.018 min

Lab File: BP015705.D

Acq: 24 Jun 2023 12:54

Tgt Ion:	276	Resp:	91122
Ion Ratio	Lower	Upper	
276	100		
138	24.1	15.6	23.4#
277	24.7	19.0	28.6

