

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015546.D
 Acq On : 15 Jun 2023 07:45
 Operator : MA/JU
 Sample : 03088-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFR1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 08:18:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	80136	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	376830	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	249925	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	561018	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	510817	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	512076	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	6493	3.000	ng/uL	0.00
4) Pyridine-d5	3.887	84	14561m	2.590	ng/u1	0.04
7) Phenol-d5	7.240	99	147844	20.026	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	95429	21.644	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	118324	22.106	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	103407	17.067	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	59964	20.268	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	71043	21.028	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	122616	19.895	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	49003	5.539	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	444183	22.538	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	472203	21.912	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	33479m	9.486	ng/u1	0.03
60) Fluorene-d10	15.722	176	374062	22.508	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	52966	14.903	ng/u1	0.00
73) Anthracene-d10	17.587	188	539776	21.147	ng/u1	0.00
81) Pyrene-d10	19.804	212	513447	18.780	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	282373	10.990	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.528	178	45998	1.528	ng/u1	99
80) Fluoranthene	19.486	202	125620	3.772	ng/u1	99
82) Pyrene	19.833	202	75831	2.201	ng/u1	98
85) Benzo(a)anthracene	21.551	228	77966	2.183	ng/u1	96
87) Chrysene	21.604	228	89663m	2.656	ng/u1	
90) Benzo(b)fluoranthene	23.333	252	151126	4.572	ng/u1#	94
91) Benzo(k)fluoranthene	23.380	252	44510	1.393	ng/u1#	80
93) Benzo(a)pyrene	24.004	252	33269	1.154	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	26.815	276	41445	1.111	ng/u1	98

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

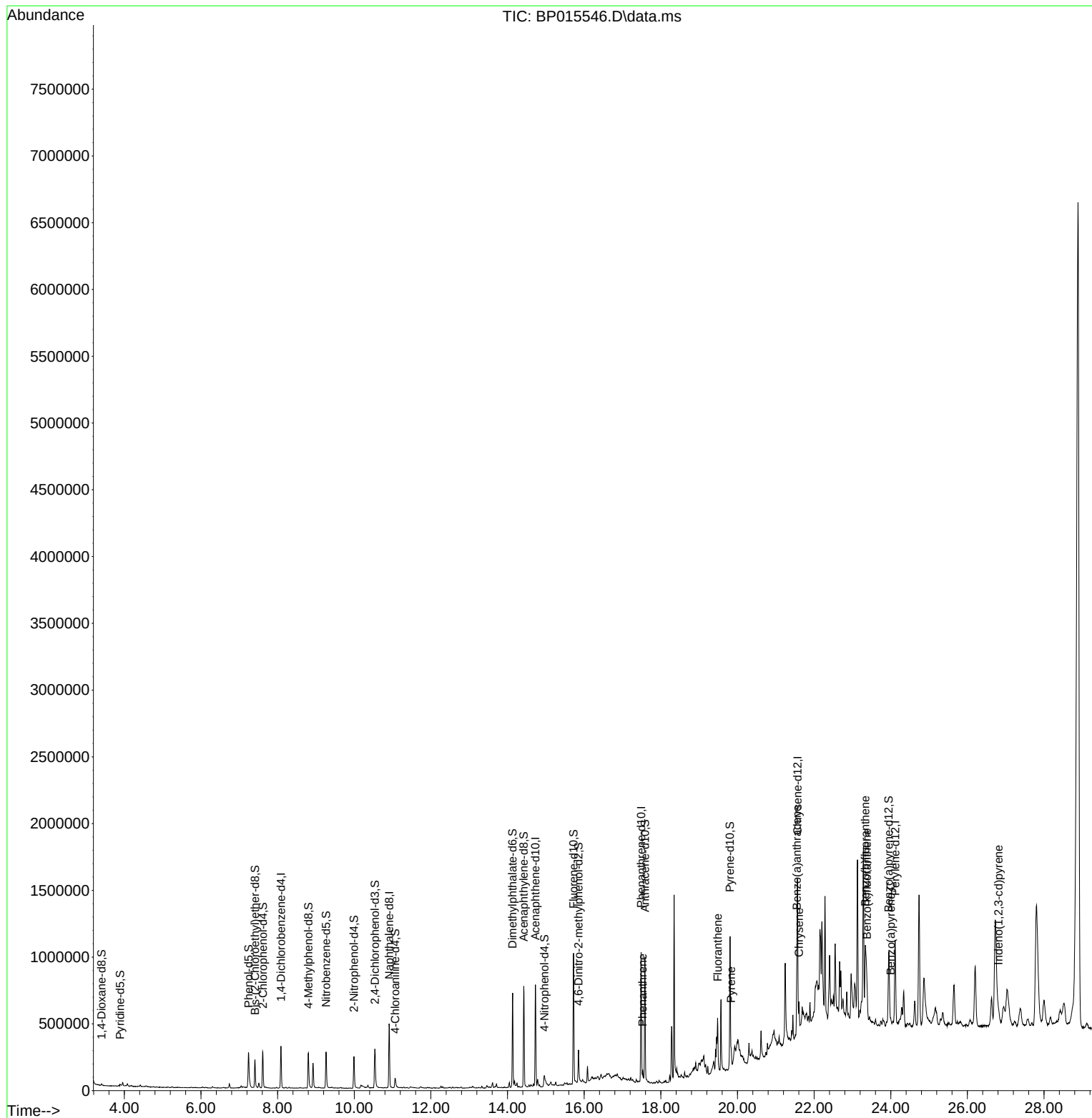
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015546.D
Acq On : 15 Jun 2023 07:45
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Misc :
ALS Vial : 41 Sample Multiplier: 1

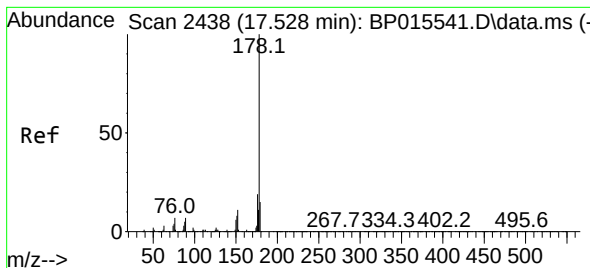
Instrument :
BNA_P
ClientSampleId :
DCFR1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.528 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP015546.D

Acq: 15 Jun 2023 07:45

Instrument :

BNA_P

ClientSampleId :

DCFR1

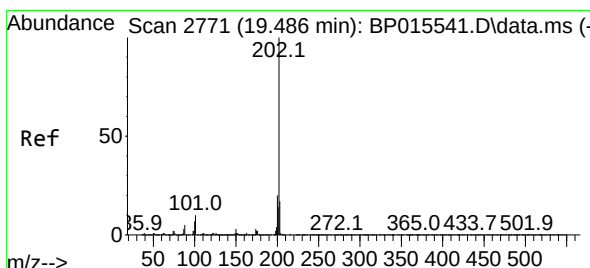
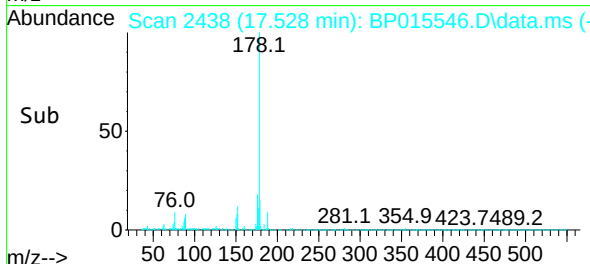
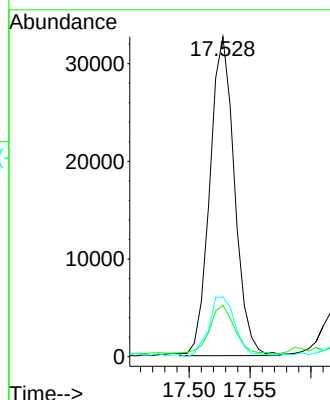
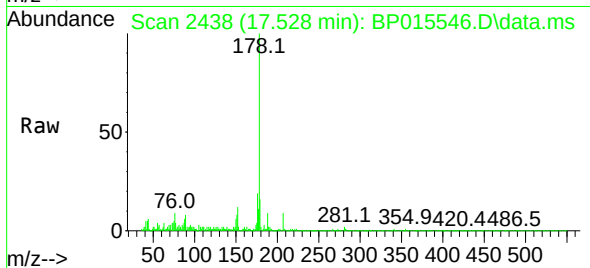
Tgt Ion:178	Resp:	4598
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.3 18.5
176	18.6	15.4 23.0

Manual Integrations

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#80

Fluoranthene

Concen: 3.772 ng/ul

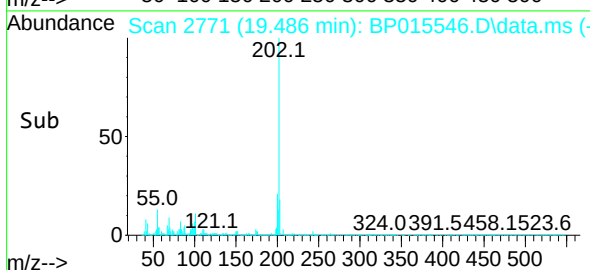
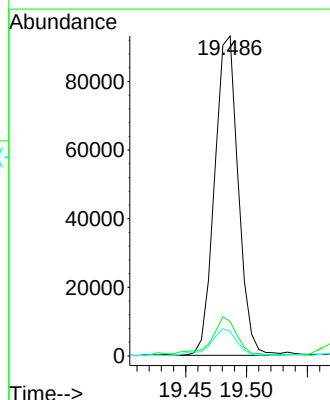
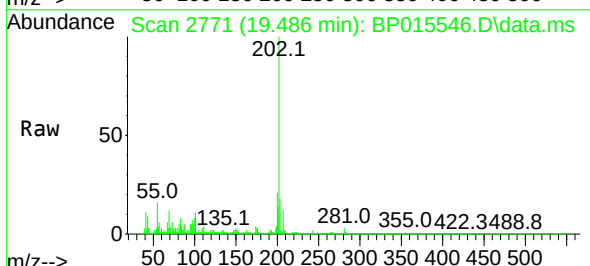
RT: 19.486 min Scan# 2771

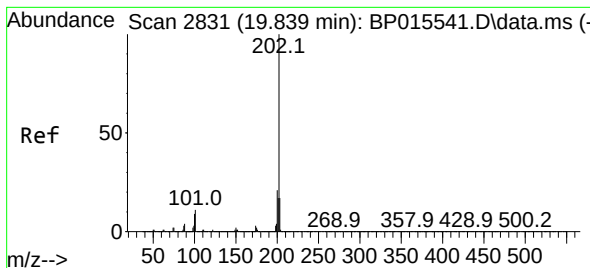
Delta R.T. 0.000 min

Lab File: BP015546.D

Acq: 15 Jun 2023 07:45

Tgt Ion:202	Resp:	125620
Ion Ratio	Lower	Upper
202	100	
101	10.8	8.6 13.0
100	7.7	6.6 9.8





#82

Pyrene

Concen: 2.201 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015546.D

Acq: 15 Jun 2023 07:45

Instrument :

BNA_P

ClientSampleId :

DCFR1

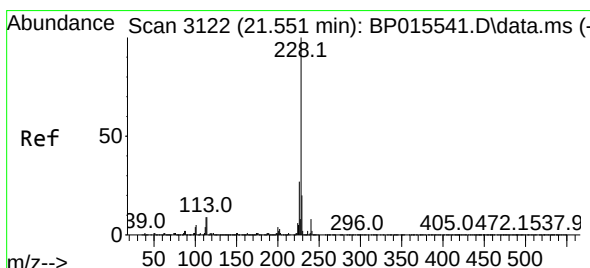
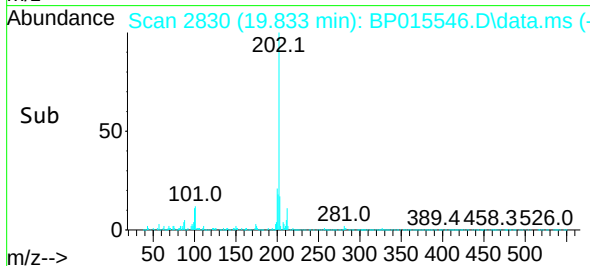
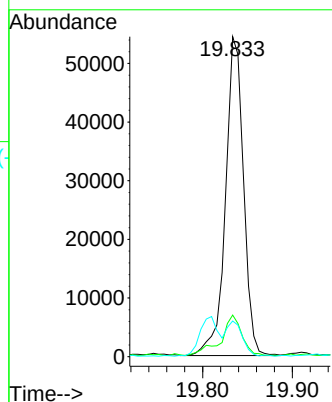
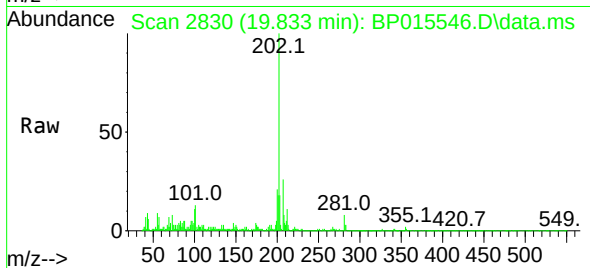
Tgt Ion:	202	Resp:	7583
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.9	14.9
100	11.2	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 2.183 ng/ul

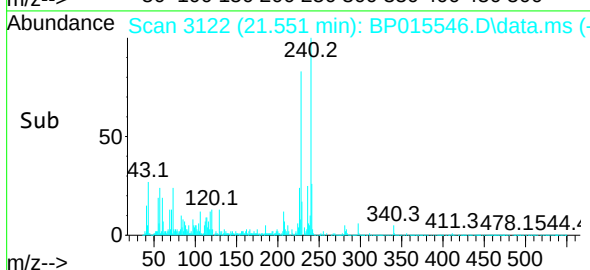
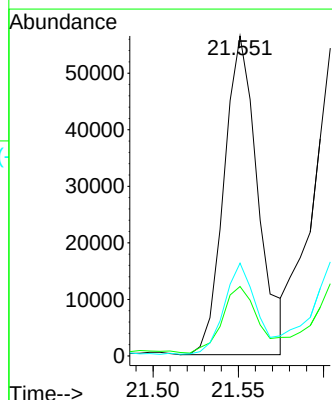
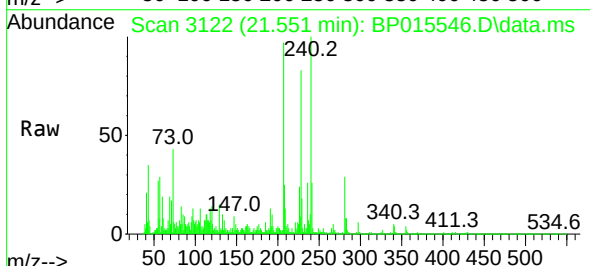
RT: 21.551 min Scan# 3122

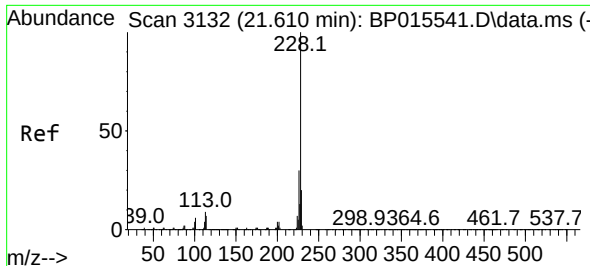
Delta R.T. 0.000 min

Lab File: BP015546.D

Acq: 15 Jun 2023 07:45

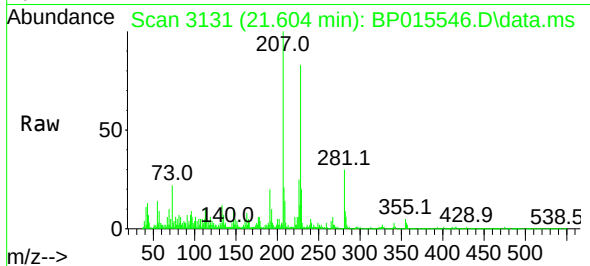
Tgt Ion:	228	Resp:	77966
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.8	23.6
226	29.0	21.8	32.6





#87
Chrysene
Concen: 2.656 ng/ul m
RT: 21.604 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP015546.D
Acq: 15 Jun 2023 07:45

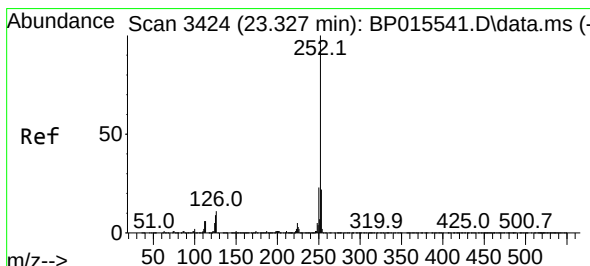
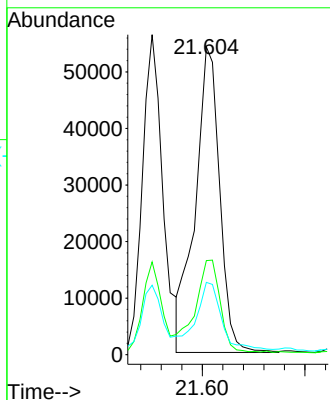
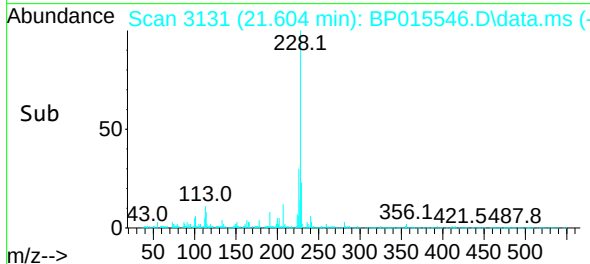
Instrument :
BNA_P
ClientSampleId :
DCFR1



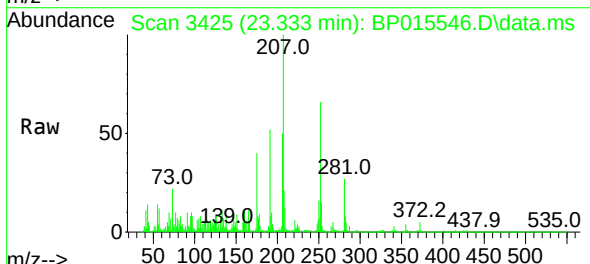
Tgt Ion:228 Resp: 8966
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 23.5 15.1 22.7

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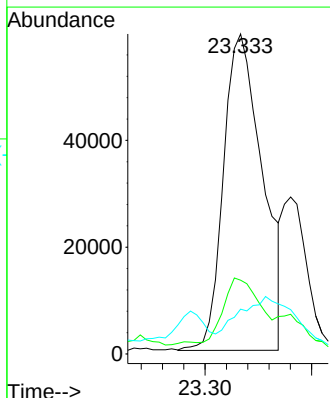
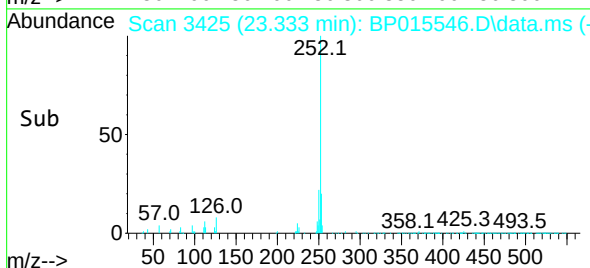
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

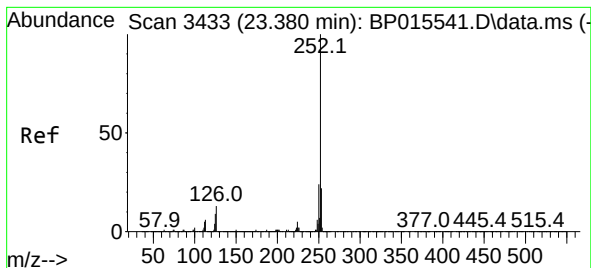


#90
Benzo(b)fluoranthene
Concen: 4.572 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015546.D
Acq: 15 Jun 2023 07:45



Tgt Ion:252 Resp: 151126
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 14.0 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 1.393 ng/ul

RT: 23.380 min Scan# 3433

Delta R.T. 0.000 min

Lab File: BP015546.D

Acq: 15 Jun 2023 07:45

Instrument :

BNA_P

ClientSampleId :

DCFR1

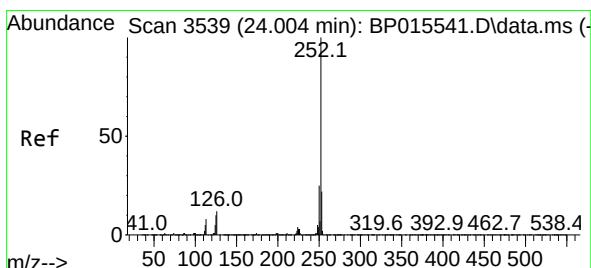
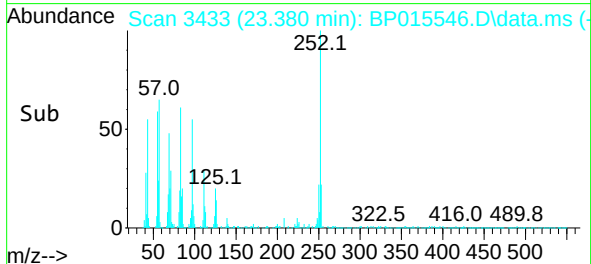
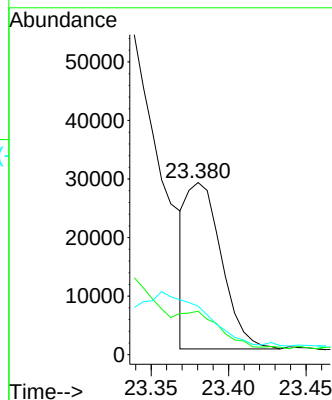
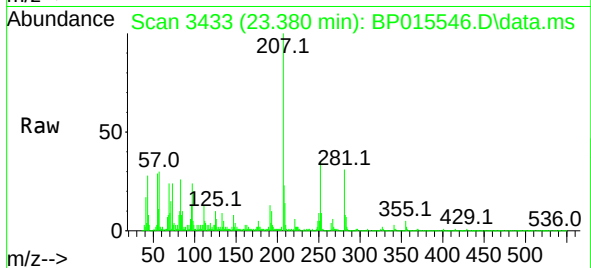
Tgt Ion:252 Resp: 44510
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.7 26.5
 125 28.2 7.3 10.9

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#93

Benzo(a)pyrene

Concen: 1.154 ng/ul

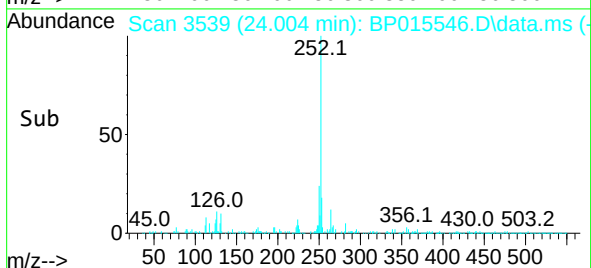
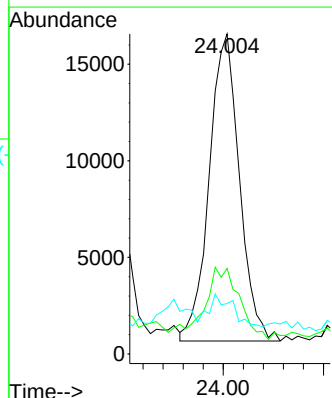
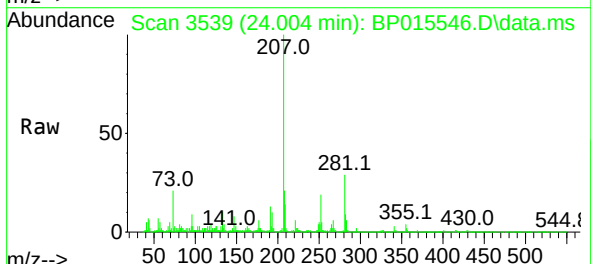
RT: 24.004 min Scan# 3539

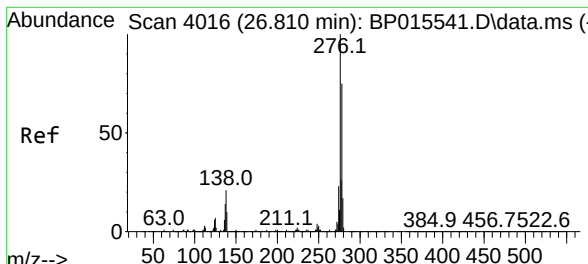
Delta R.T. 0.000 min

Lab File: BP015546.D

Acq: 15 Jun 2023 07:45

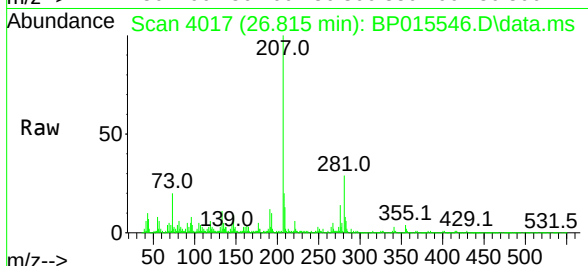
Tgt Ion:252 Resp: 33269
 Ion Ratio Lower Upper
 252 100
 253 26.8 17.8 26.6#
 125 15.7 8.1 12.1#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.111 ng/ul
 RT: 26.815 min Scan# 4017
 Delta R.T. 0.006 min
 Lab File: BP015546.D
 Acq: 15 Jun 2023 07:45

Instrument : BNA_P
 ClientSampleId : DCFR1



Tgt Ion: 276 Resp: 4144

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.3	25.9
277	23.7	20.2	30.2

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