

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015556.D
 Acq On : 15 Jun 2023 15:19
 Operator : MA/JU
 Sample : 03088-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFR9

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 22:58:17 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	135209	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	609791	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	400484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	933578	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	866938	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	859676	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	6327m	1.733	ng/uL	0.00
4) Pyridine-d5	3.875	84	18033m	1.901	ng/u1	0.03
7) Phenol-d5	7.246	99	112450	9.028	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	80124	10.771	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	103622	11.474	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	97375	9.525	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	52332	10.931	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	60295	11.028	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	105057	10.534	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	76626	5.353	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	387767	12.279	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	380338	11.014	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	32220m	5.697	ng/u1	0.02
60) Fluorene-d10	15.722	176	326586	12.263	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	44620	7.544	ng/u1	0.00
73) Anthracene-d10	17.586	188	453892	10.686	ng/u1	0.00
81) Pyrene-d10	19.810	212	243716	5.253	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	106747	2.475	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.528	178	127981	2.555	ng/u1	100
80) Fluoranthene	19.486	202	334023	5.910	ng/u1	97
82) Pyrene	19.839	202	91536	1.565	ng/u1	99
85) Benzo(a)anthracene	21.551	228	188697	3.114	ng/u1	99
87) Chrysene	21.610	228	166649	2.909	ng/u1	96
90) Benzo(b)fluoranthene	23.333	252	233652	4.211	ng/u1	99
91) Benzo(k)fluoranthene	23.380	252	97170m	1.811	ng/u1	

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

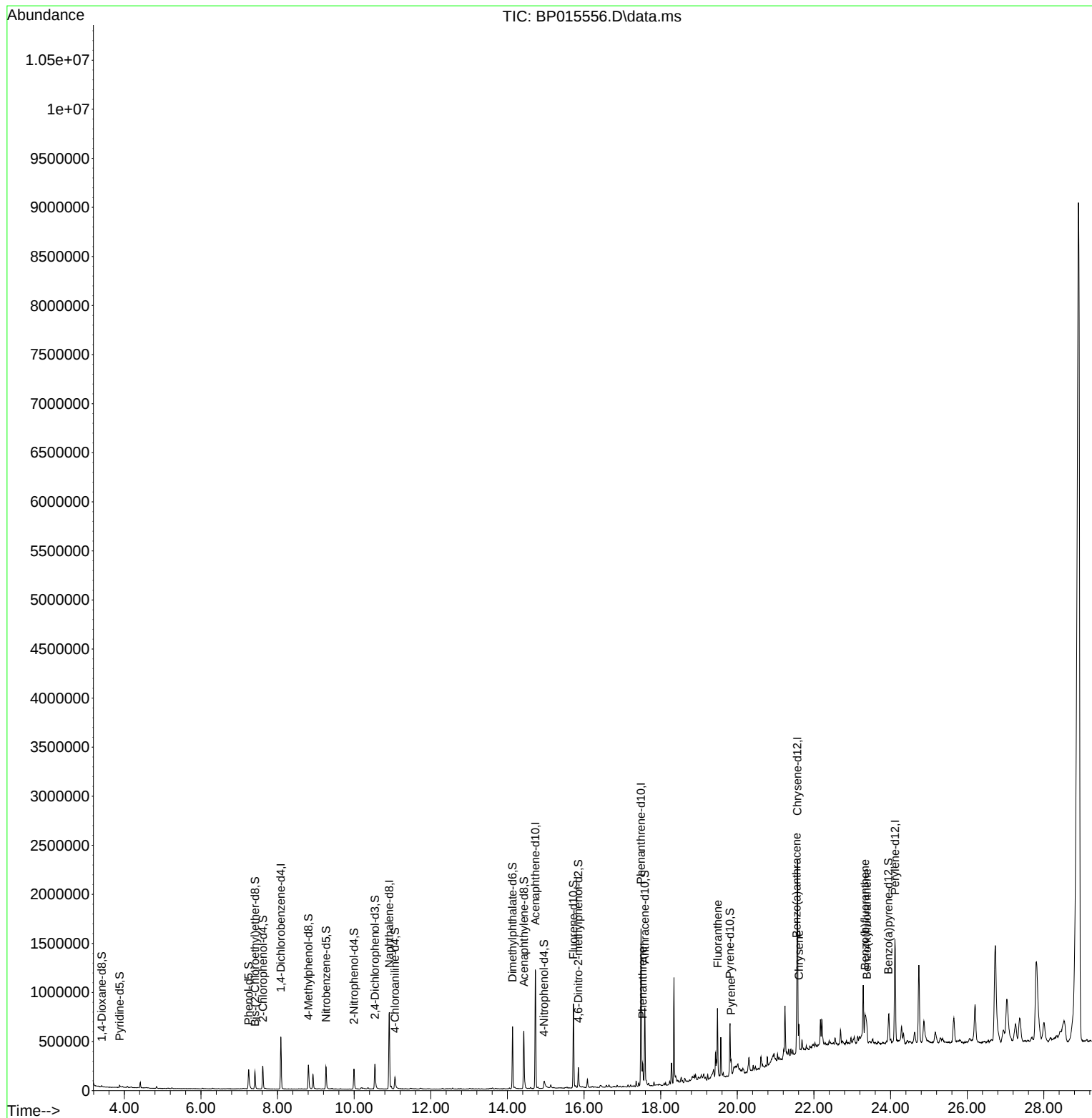
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015556.D
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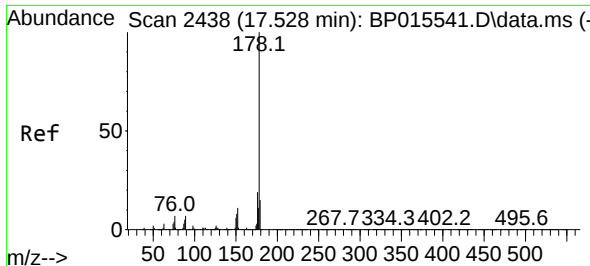
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Jun 15 22:58:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
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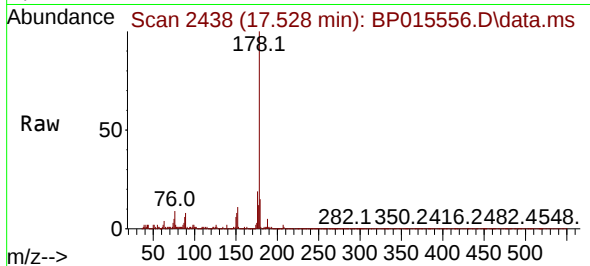
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023





#72
Phenanthrene
Concen: 2.555 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015556.D
Acq: 15 Jun 2023 15:19

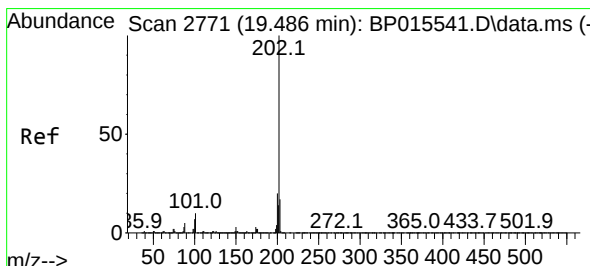
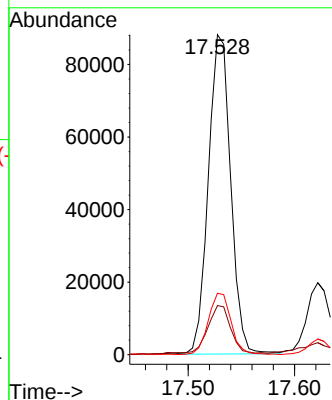
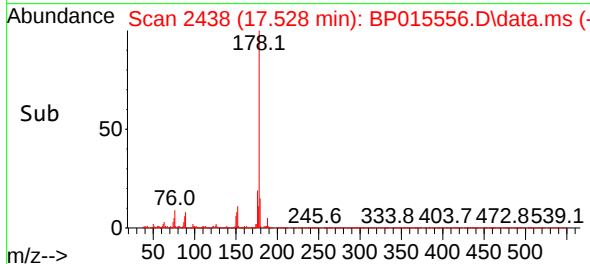
Instrument :
BNA_P
ClientSampleId :
DCFR9



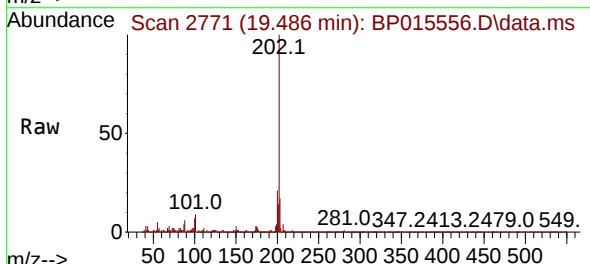
Tgt Ion:178 Resp: 12798
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.2 15.4 23.0

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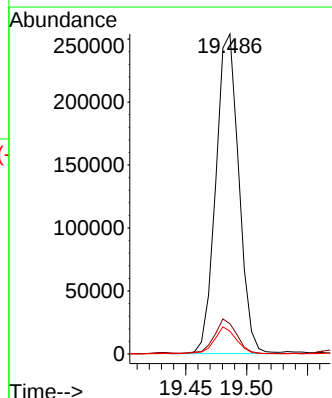
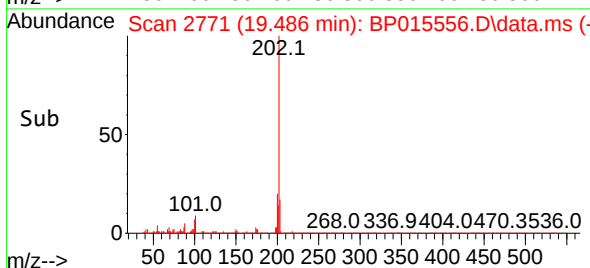
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

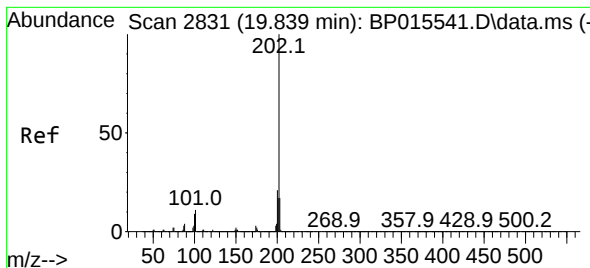


#80
Fluoranthene
Concen: 5.910 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP015556.D
Acq: 15 Jun 2023 15:19



Tgt Ion:202 Resp: 334023
Ion Ratio Lower Upper
202 100
101 9.5 8.6 13.0
100 7.1 6.6 9.8





#82

Pyrene

Concen: 1.565 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. -0.000 min

Lab File: BP015556.D

Acq: 15 Jun 2023 15:19

Instrument :

BNA_P

ClientSampleId :

DCFR9

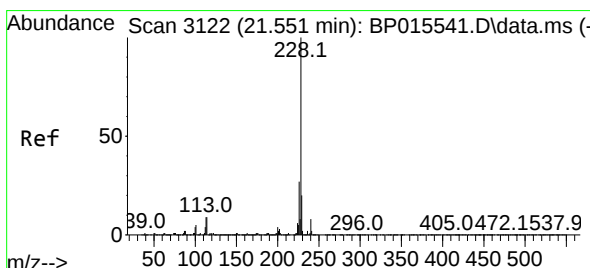
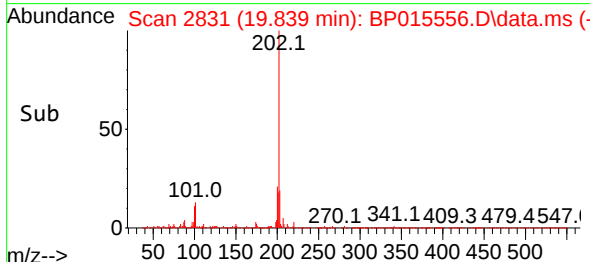
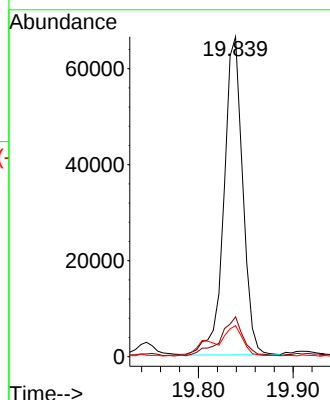
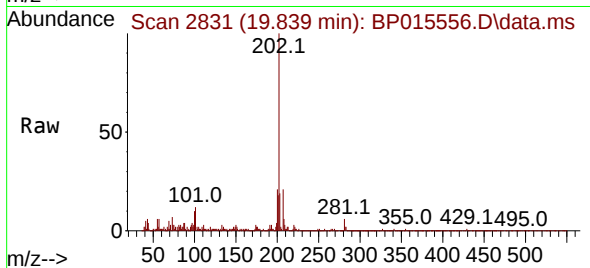
Tgt Ion:	202	Resp:	91530
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.9	14.9
100	9.7	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 3.114 ng/ul

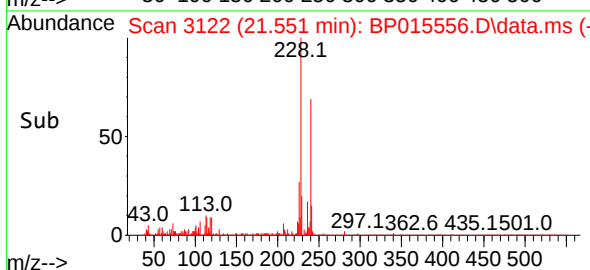
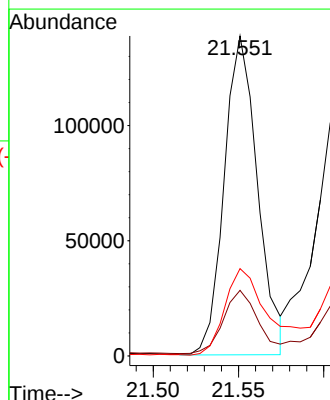
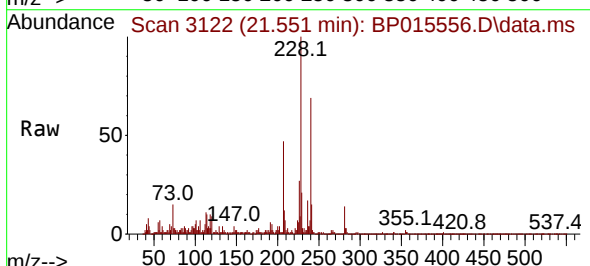
RT: 21.551 min Scan# 3122

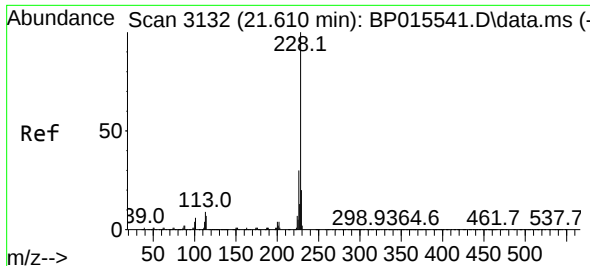
Delta R.T. -0.000 min

Lab File: BP015556.D

Acq: 15 Jun 2023 15:19

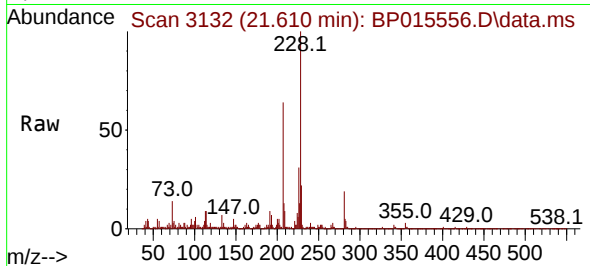
Tgt Ion:	228	Resp:	188697
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.8	23.6
226	27.3	21.8	32.6





#87
Chrysene
Concen: 2.909 ng/ul
RT: 21.610 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BP015556.D
Acq: 15 Jun 2023 15:19

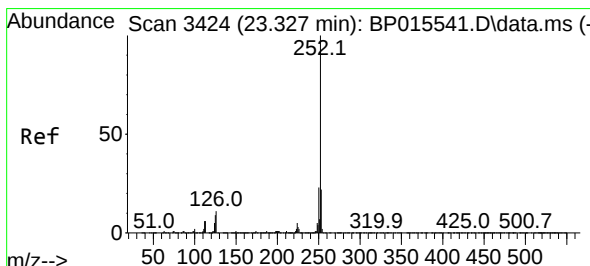
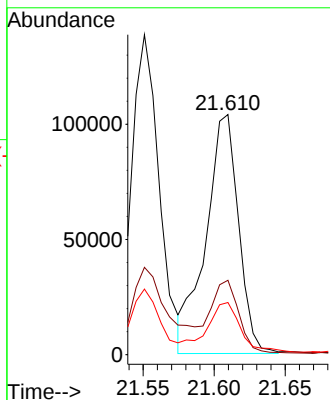
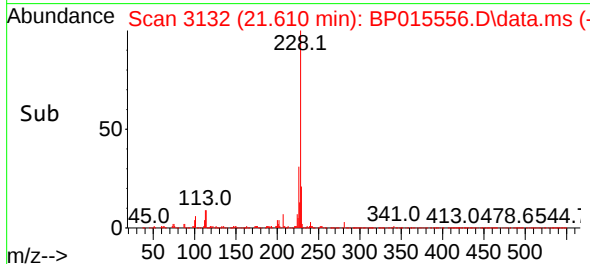
Instrument :
BNA_P
ClientSampleId :
DCFR9



Tgt Ion:228 Resp: 166649
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 21.7 15.1 22.7

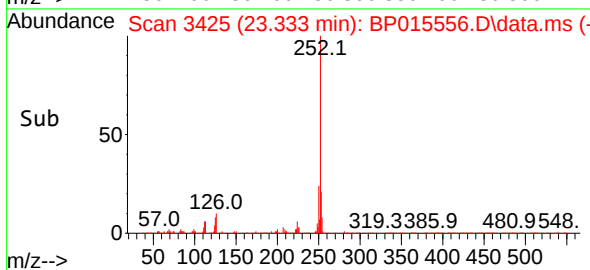
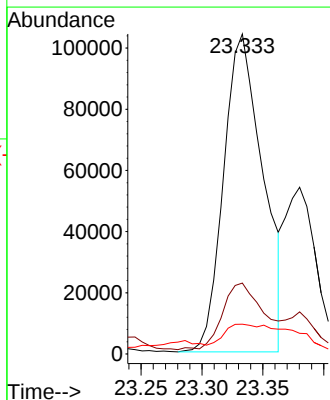
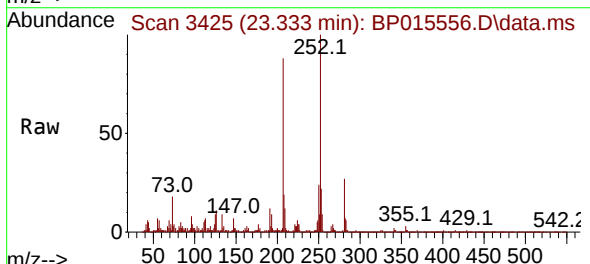
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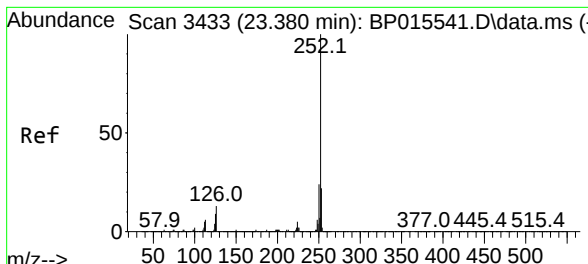
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#90
Benzo(b)fluoranthene
Concen: 4.211 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015556.D
Acq: 15 Jun 2023 15:19

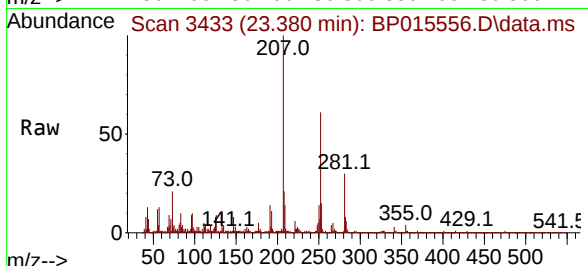
Tgt Ion:252 Resp: 233652
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.3 7.3 10.9





#91
 Benzo(k)fluoranthene
 Concen: 1.811 ng/ul m
 RT: 23.380 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: BP015556.D
 Acq: 15 Jun 2023 15:19

Instrument :
 BNA_P
 ClientSampleId :
 DCFR9



Tgt Ion:	252	Resp:	97170
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.7	26.5
125	12.4	7.3	10.9

Manual Integrations
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