

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015627.D
 Acq On : 20 Jun 2023 18:11
 Operator : MA/JU
 Sample : 03080-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH8

Quant Time: Jun 20 23:26:31 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	117637	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	523198	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	353830	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	830699	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	798164	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	853319	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	9367	2.949	ng/uL	0.00
4) Pyridine-d5	3.852	84	90857	11.011	ng/u1	0.00
7) Phenol-d5	7.246	99	204508	18.870	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	125966	19.462	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	163683	20.832	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	136329	15.327	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	84846	20.656	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	98618	21.023	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	168049	19.639	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	169880	13.831	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	598405	21.447	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	683167	22.392	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	74313	14.873	ng/u1	0.02
60) Fluorene-d10	15.722	176	522672	22.214	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	78533	14.923	ng/u1	0.00
73) Anthracene-d10	17.586	188	813880	21.534	ng/u1	0.00
81) Pyrene-d10	19.810	212	1107416	25.923	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1000935	23.378	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.528	178	61380	1.377	ng/u1	98
80) Fluoranthene	19.480	202	191509	3.680	ng/u1	98
82) Pyrene	19.839	202	162030	3.010	ng/u1	97
85) Benzo(a)anthracene	21.551	228	104030	1.864	ng/u1	98
87) Chrysene	21.610	228	114549m	2.172	ng/u1	
90) Benzo(b)fluoranthene	23.333	252	188297	3.418	ng/u1#	94
93) Benzo(a)pyrene	24.004	252	114013	2.374	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.815	276	92194	1.483	ng/u1	95
96) Benzo(g,h,i)perylene	27.645	276	88224	1.723	ng/u1	98

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

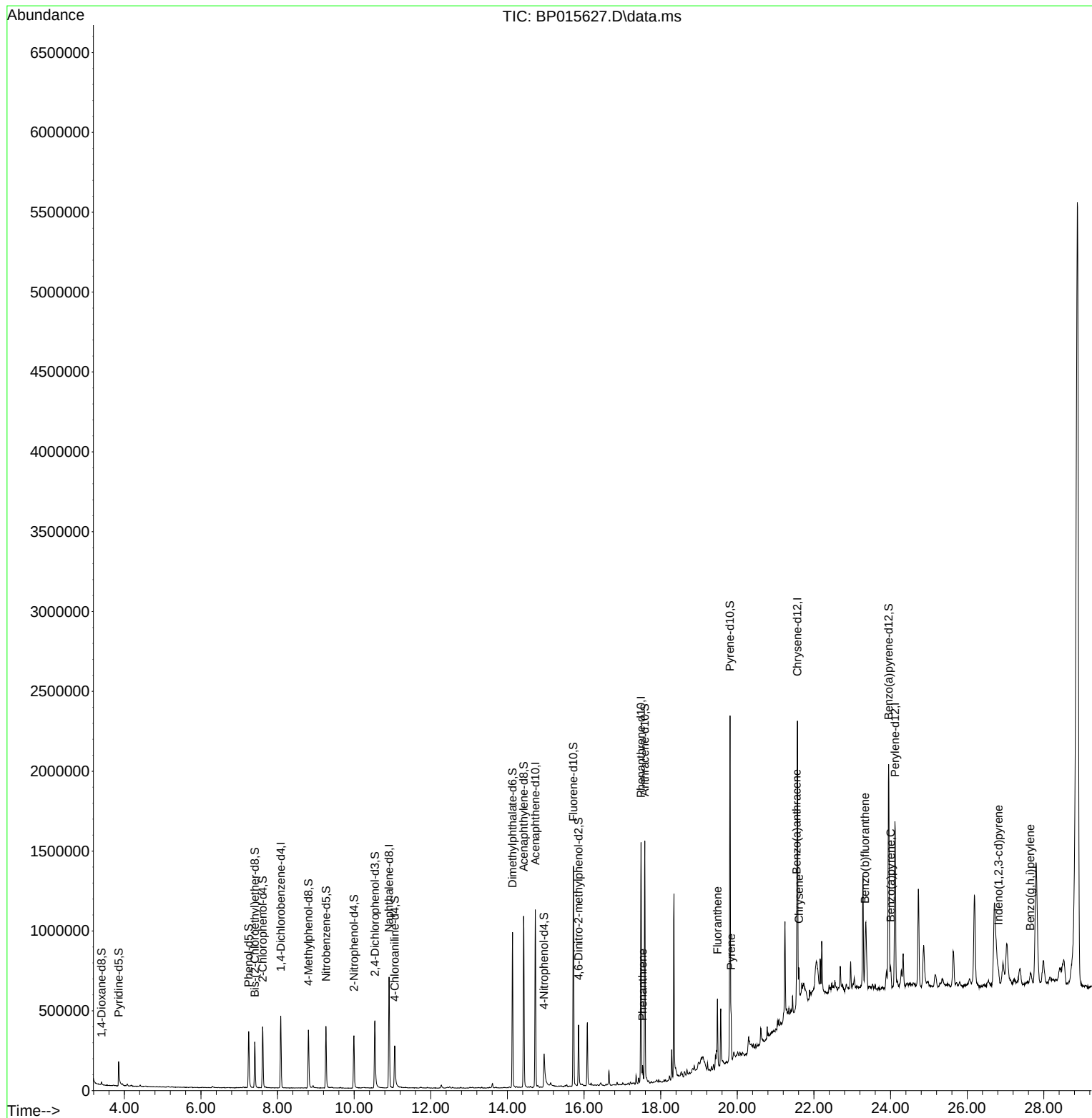
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015627.D
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Operator : MA/JU
Sample : 03080-09
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ALS Vial : 11 Sample Multiplier: 1

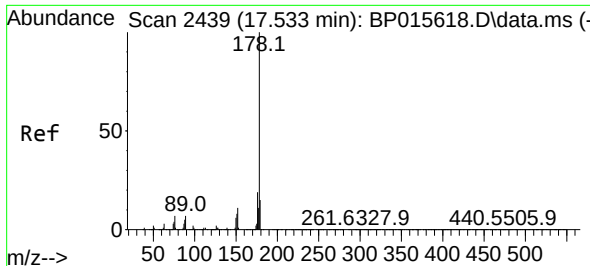
Instrument :
BNA_P
ClientSampleId :
DCFH8

Quant Time: Jun 20 23:26:31 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
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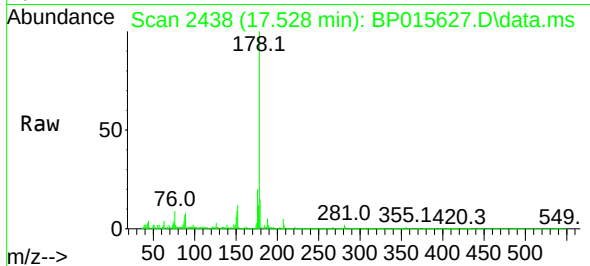
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023





#72
Phenanthrene
Concen: 1.377 ng/ul
RT: 17.528 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BP015627.D
Acq: 20 Jun 2023 18:11

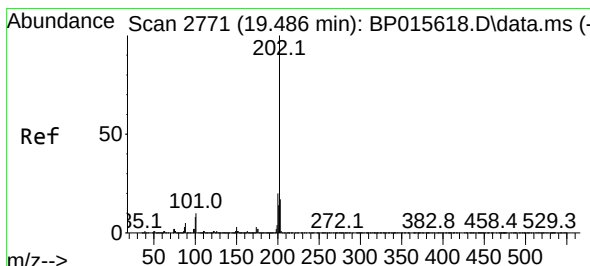
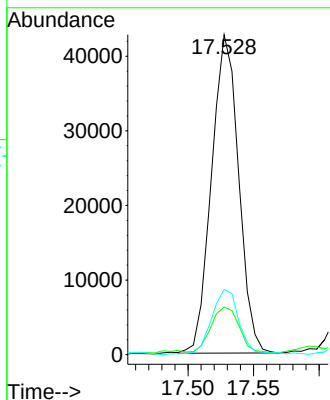
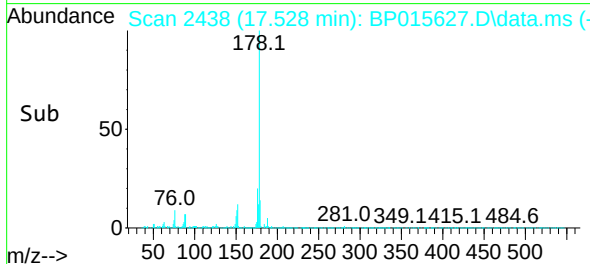
Instrument :
BNA_P
ClientSampleId :
DCFH8



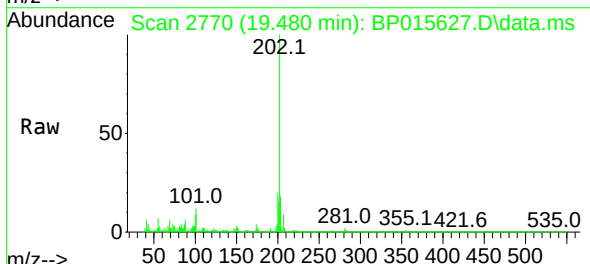
Tgt Ion:178 Resp: 61380
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 20.3 15.4 23.0

Manual Integrations
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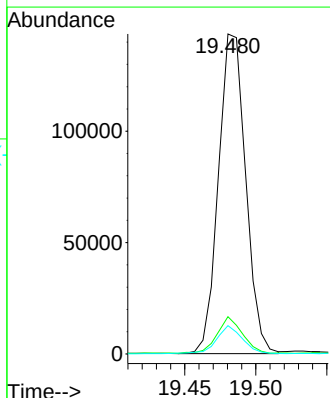
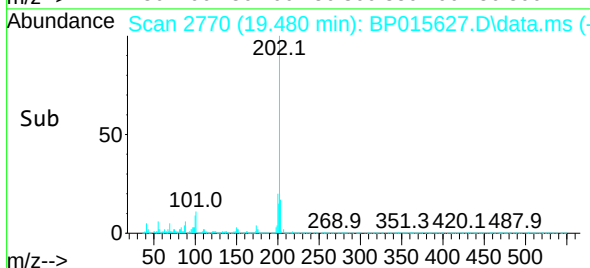
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023

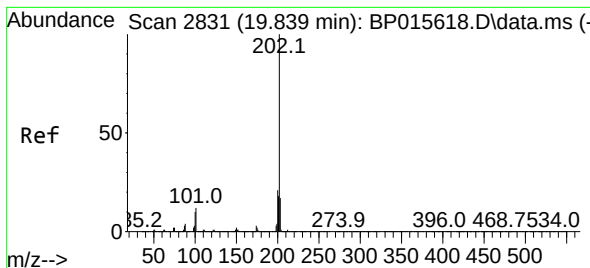


#80
Fluoranthene
Concen: 3.680 ng/ul
RT: 19.480 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BP015627.D
Acq: 20 Jun 2023 18:11



Tgt Ion:202 Resp: 191509
Ion Ratio Lower Upper
202 100
101 11.6 8.6 13.0
100 8.9 6.6 9.8





#82

Pyrene

Concen: 3.010 ng/ul

RT: 19.839 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015627.D

Acq: 20 Jun 2023 18:11

Instrument :

BNA_P

ClientSampleId :

DCFH8

Tgt Ion:202 Resp: 162030

Ion Ratio Lower Upper

202 100

101 11.2 9.9 14.9

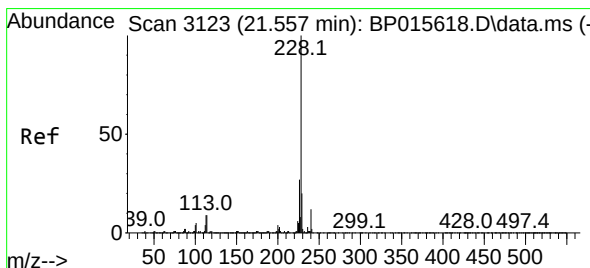
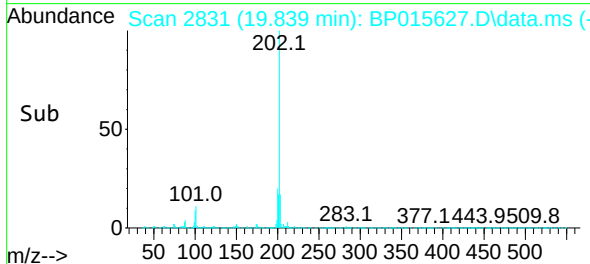
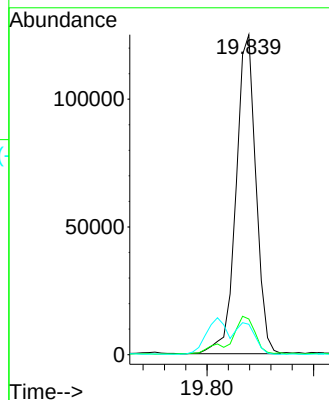
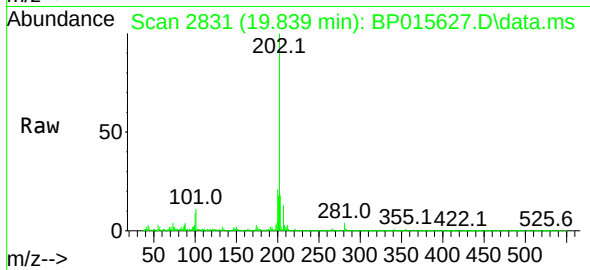
100 9.5 8.4 12.6

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#85

Benzo(a)anthracene

Concen: 1.864 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015627.D

Acq: 20 Jun 2023 18:11

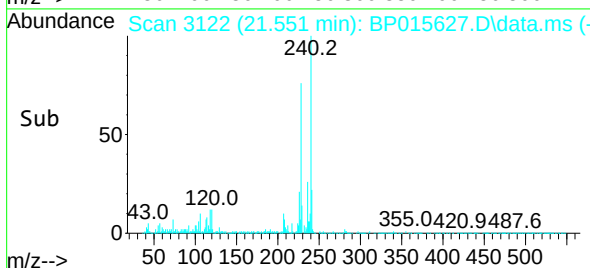
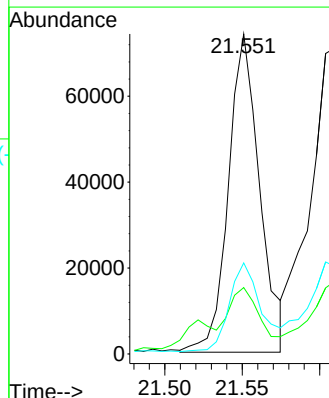
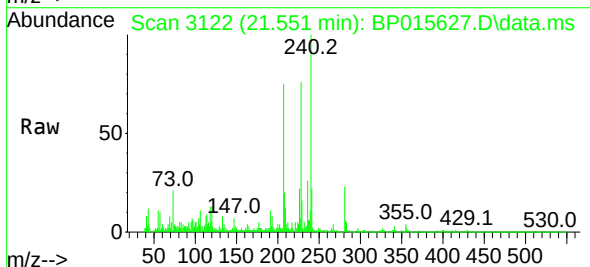
Tgt Ion:228 Resp: 104030

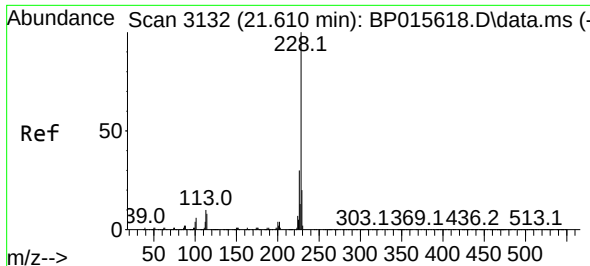
Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

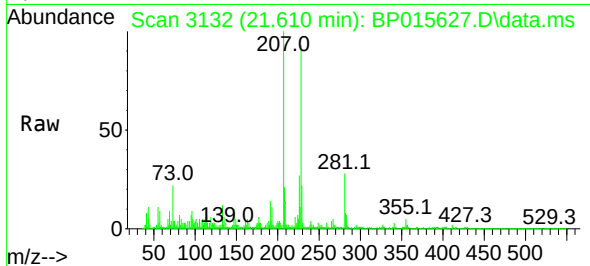
226 28.5 21.8 32.6





#87
Chrysene
Concen: 2.172 ng/ul m
RT: 21.610 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BP015627.D
Acq: 20 Jun 2023 18:11

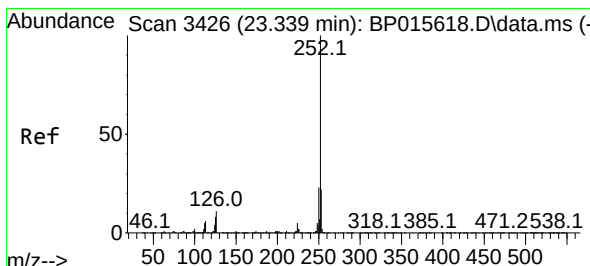
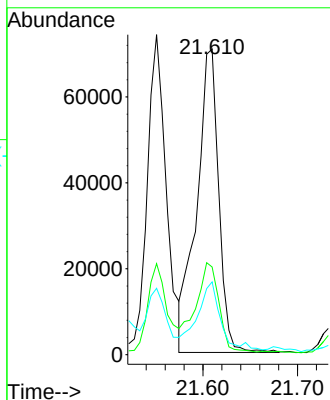
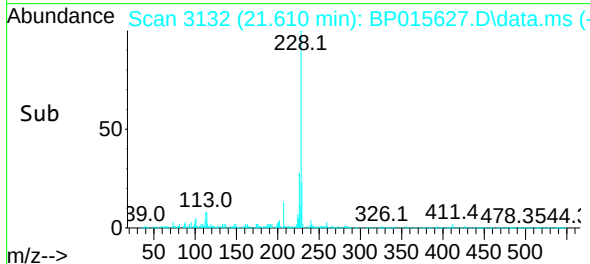
Instrument :
BNA_P
ClientSampleId :
DCFH8



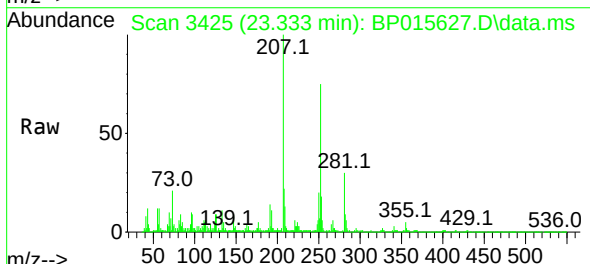
Tgt Ion:228 Resp: 114549
Ion Ratio Lower Upper
228 100
226 28.7 23.9 35.9
229 23.8 15.1 22.7

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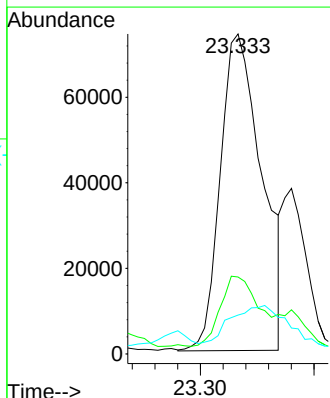
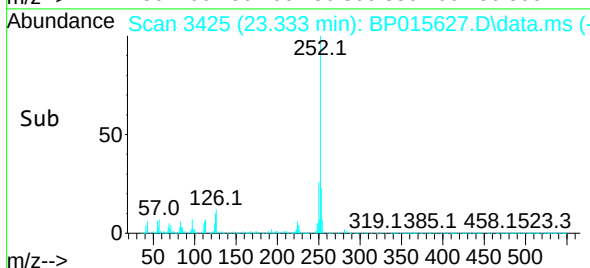
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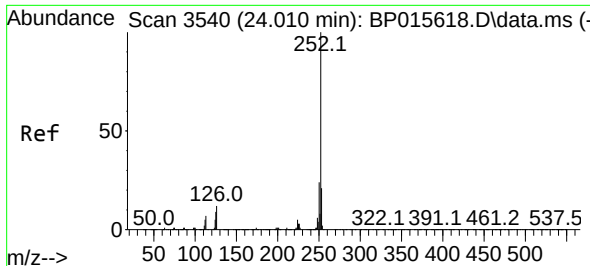


#90
Benzo(b)fluoranthene
Concen: 3.418 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015627.D
Acq: 20 Jun 2023 18:11



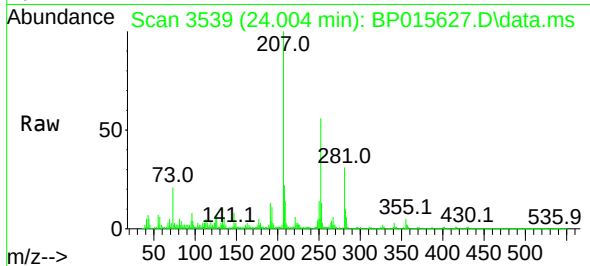
Tgt Ion:252 Resp: 188297
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 12.1 7.3 10.9





#93
Benzo(a)pyrene
Concen: 2.374 ng/ul
RT: 24.004 min Scan# 311
Delta R.T. -0.000 min
Lab File: BP015627.D
Acq: 20 Jun 2023 18:11

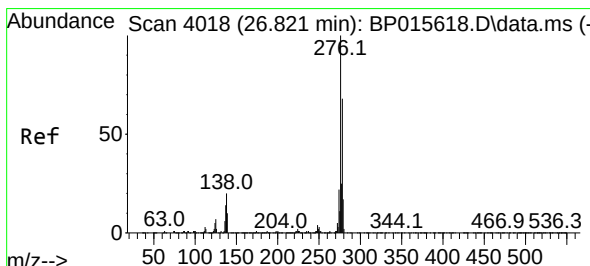
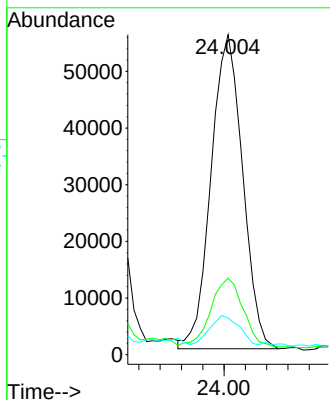
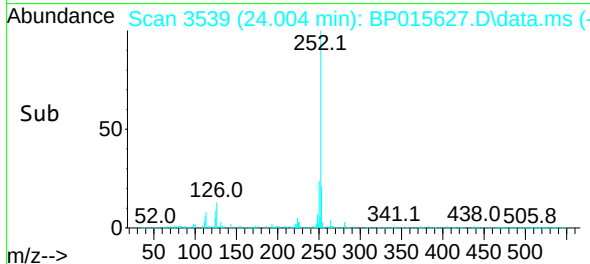
Instrument :
BNA_P
ClientSampleId :
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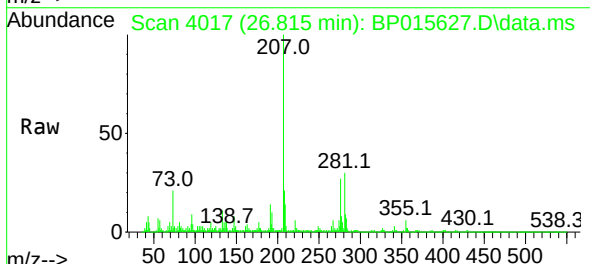
Tgt Ion:252 Resp: 11401
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 11.5 8.1 12.1

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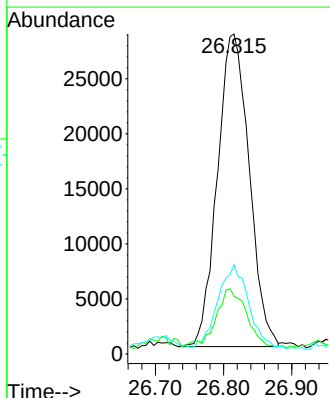
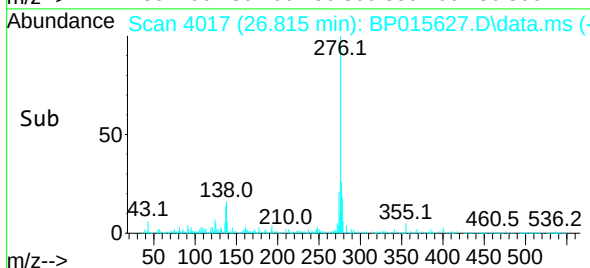
Reviewed By :Yogesh Patel 06/21/2023
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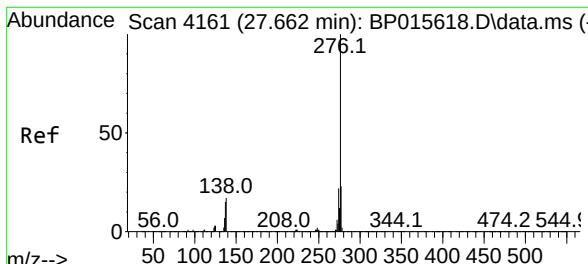


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.483 ng/ul
RT: 26.815 min Scan# 4017
Delta R.T. 0.006 min
Lab File: BP015627.D
Acq: 20 Jun 2023 18:11



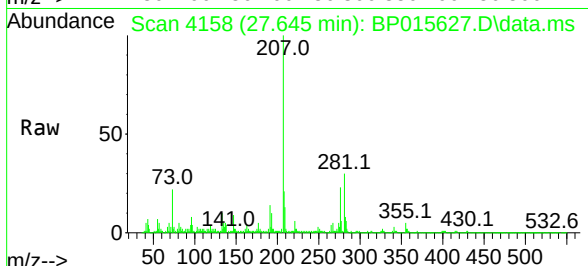
Tgt Ion:276 Resp: 92194
Ion Ratio Lower Upper
276 100
138 24.0 17.3 25.9
277 27.8 20.2 30.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.723 ng/ul
 RT: 27.645 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP015627.D
 Acq: 20 Jun 2023 18:11

Instrument :
 BNA_P
 ClientSampleId :
 DCFH8



Tgt Ion: 276 Resp: 88224

Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.6	23.4
277	24.1	19.0	28.6

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