

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016003.D
 Acq On : 05 Jul 2023 06:55
 Operator : MA/JU
 Sample : 03244-18
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGF7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 08:35:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	407718	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.863	136	1733783	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	963583	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1728963	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1405001	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1608084	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	37369	3.298	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.228	99	780700	22.379	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	539053	24.976	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	627848	23.842	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	587378	21.314	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	303628	22.915	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	342759	22.164	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	563930	20.463	ng/ul	0.02
31) 4-Chloroaniline-d4	11.051	131	398832	11.266	ng/ul	0.02
46) Dimethylphthalate-d6	14.104	166	1773307	23.810	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1966100	23.483	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	182185m	18.537	ng/ul	0.05
60) Fluorene-d10	15.692	176	1389231	22.654	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	111481	10.484	ng/ul	0.02
73) Anthracene-d10	17.557	188	1676821	21.232	ng/ul	0.00
81) Pyrene-d10	19.786	212	2043221	22.271	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1979997	24.409	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	148899	1.585	ng/ul	99
80) Fluoranthene	19.457	202	515388	4.520	ng/ul#	91
82) Pyrene	19.816	202	418098	3.595	ng/ul#	92
85) Benzo(a)anthracene	21.527	228	248502m	2.514	ng/ul	
87) Chrysene	21.586	228	268508	2.863	ng/ul	96
90) Benzo(b)fluoranthene	23.310	252	371498	3.595	ng/ul#	89
91) Benzo(k)fluoranthene	23.351	252	127641	1.223	ng/ul#	78
93) Benzo(a)pyrene	23.974	252	226714	2.511	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.798	276	181384	1.480	ng/ul#	85
96) Benzo(g,h,i)perylene	27.645	276	174816m	1.734	ng/ul	

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

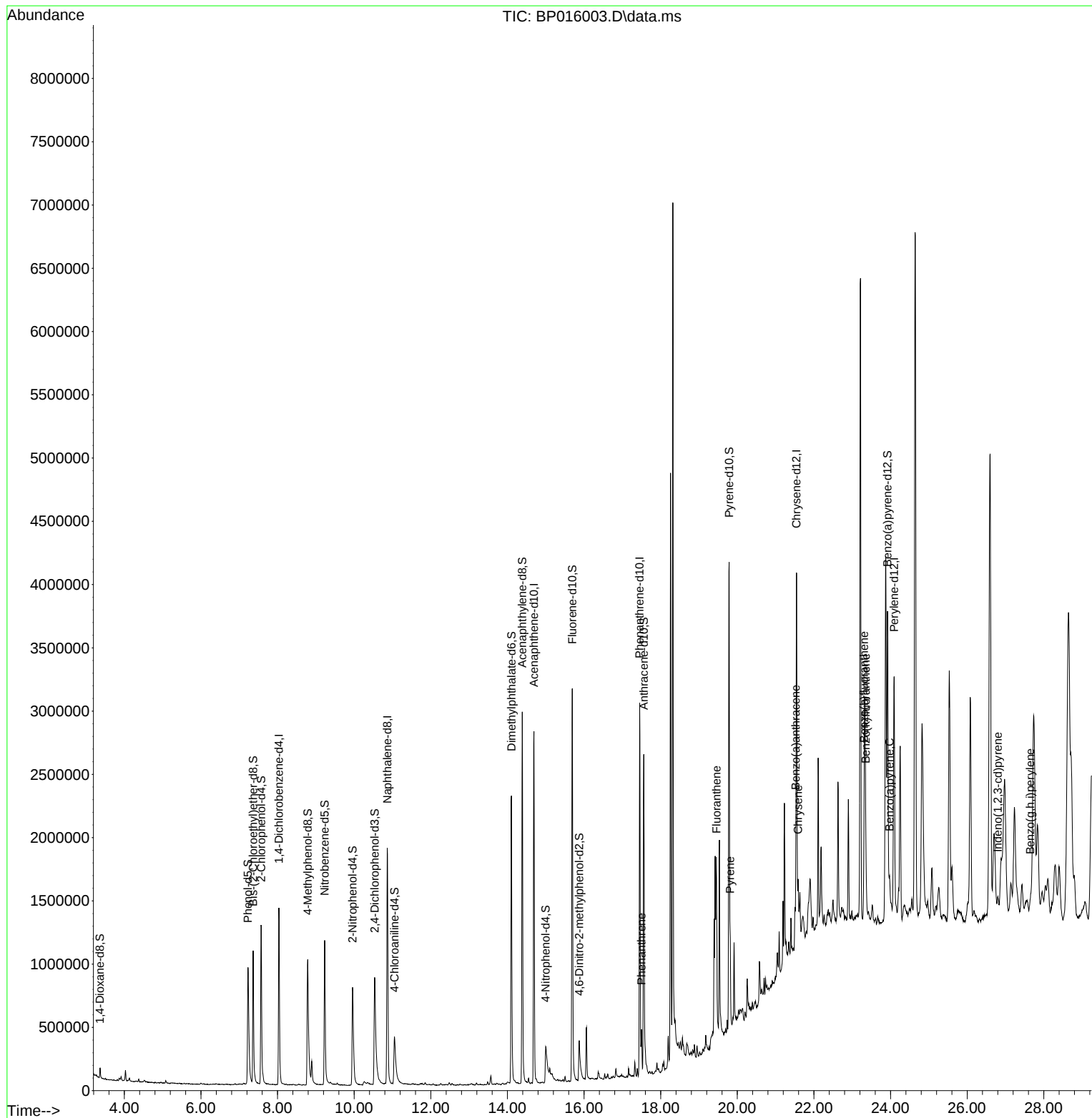
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016003.D
Acq On : 05 Jul 2023 06:55
Operator : MA/JU
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Misc :
ALS Vial : 49 Sample Multiplier: 1

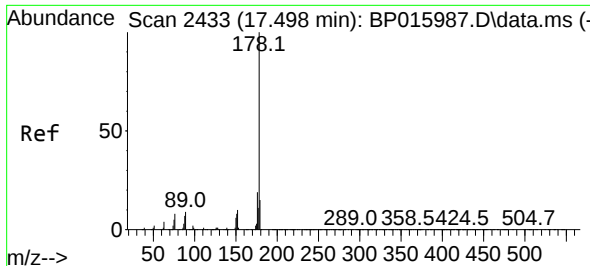
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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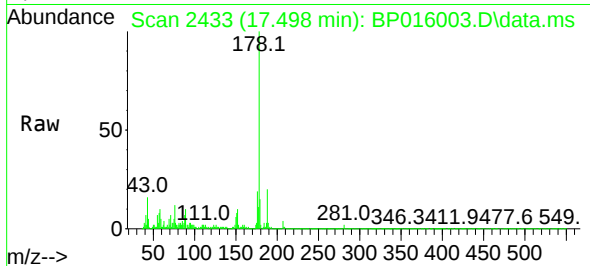
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#72
Phenanthrene
Concen: 1.585 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP016003.D
Acq: 05 Jul 2023 06:55

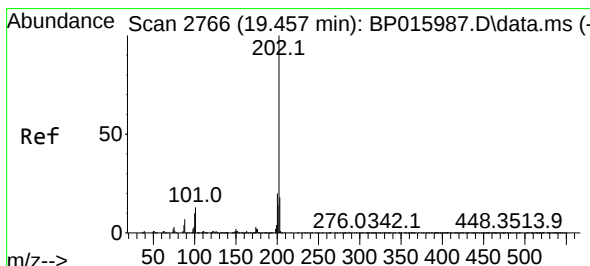
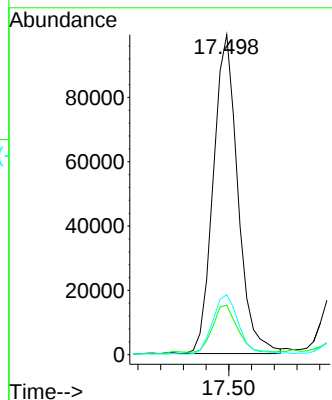
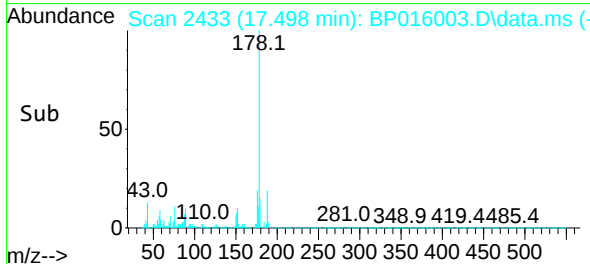
Instrument :
BNA_P
Client SampleId :
DCGF7



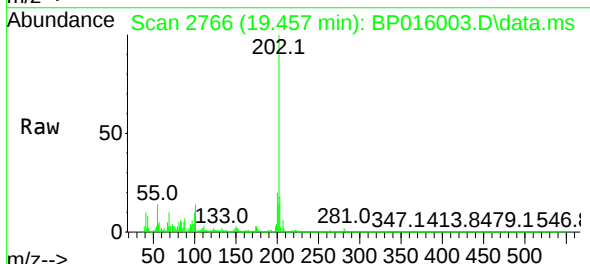
Tgt Ion:178 Resp: 148899
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 18.8 15.6 23.4

Manual Integrations
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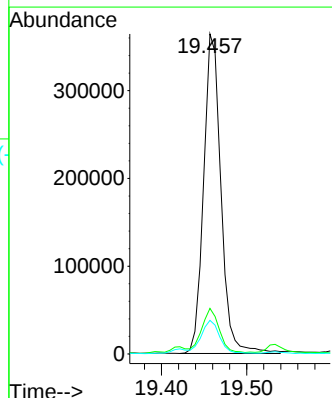
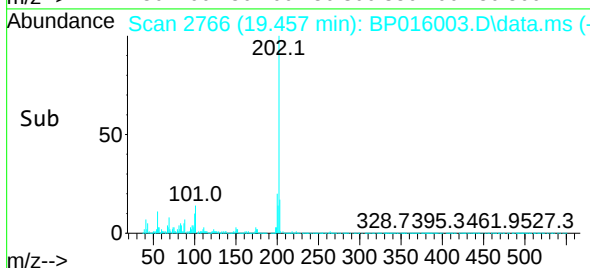
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

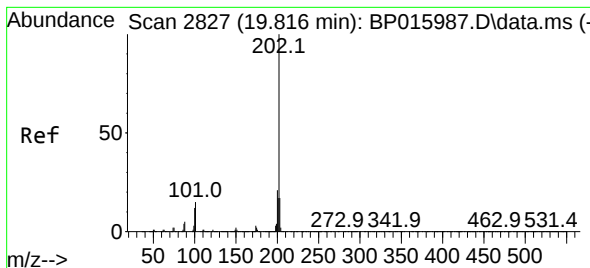


#80
Fluoranthene
Concen: 4.520 ng/ul
RT: 19.457 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BP016003.D
Acq: 05 Jul 2023 06:55



Tgt Ion:202 Resp: 515388
Ion Ratio Lower Upper
202 100
101 14.3 8.3 12.5#
100 10.5 6.6 9.8#





#82

Pyrene

Concen: 3.595 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016003.D

Acq: 05 Jul 2023 06:55

Instrument :

BNA_P

ClientSampleId :

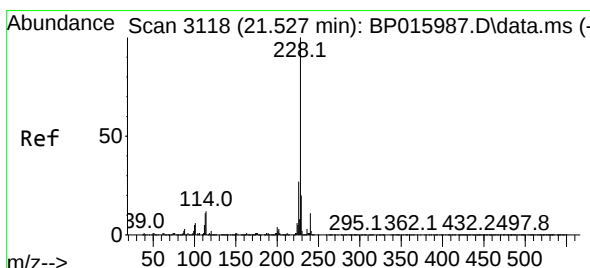
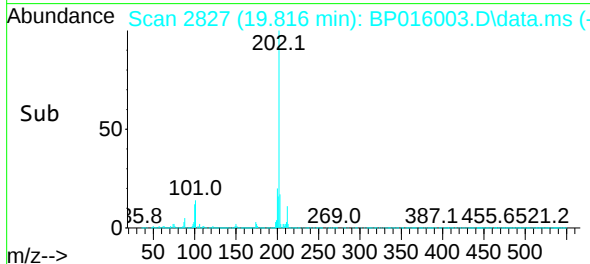
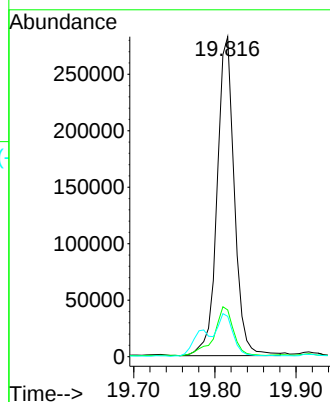
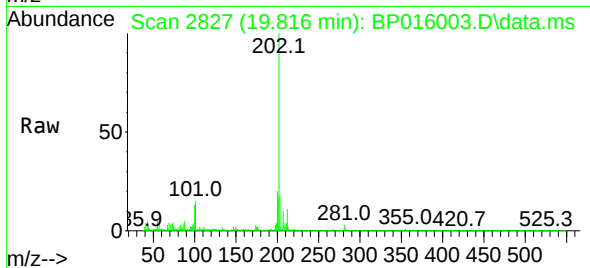
DCGF7

Tgt Ion:	202	Resp:	418098
Ion Ratio	Lower	Upper	
202	100		
101	14.6	9.3	13.9
100	12.6	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 2.514 ng/ul m

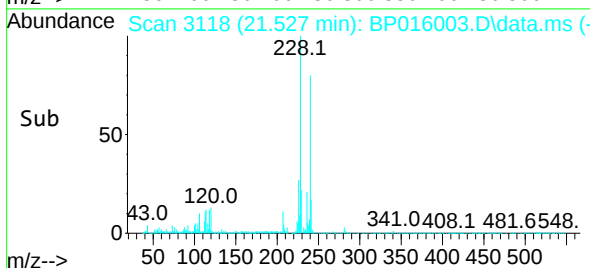
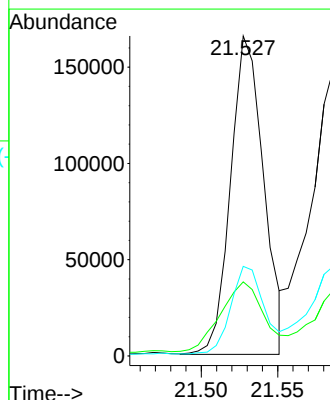
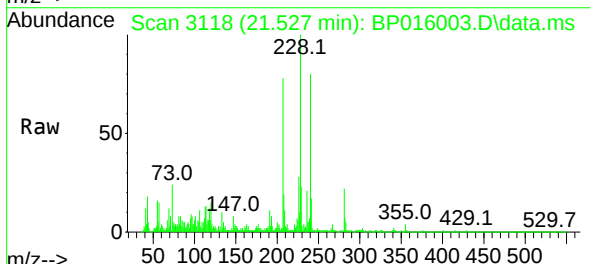
RT: 21.527 min Scan# 3118

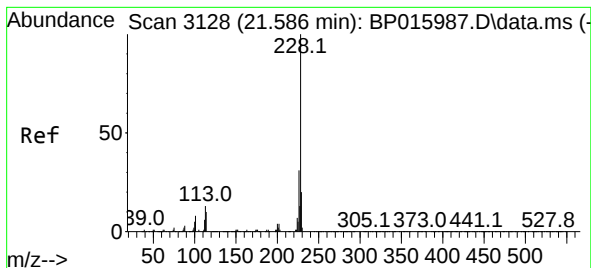
Delta R.T. -0.006 min

Lab File: BP016003.D

Acq: 05 Jul 2023 06:55

Tgt Ion:	228	Resp:	248502
Ion Ratio	Lower	Upper	
228	100		
229	23.2	15.3	22.9
226	28.0	21.4	32.0





#87

Chrysene

Concen: 2.863 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP016003.D

Acq: 05 Jul 2023 06:55

Instrument :

BNA_P

ClientSampleId :

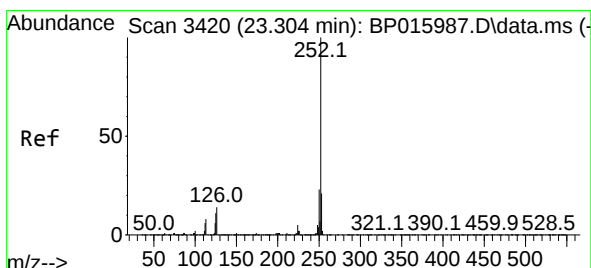
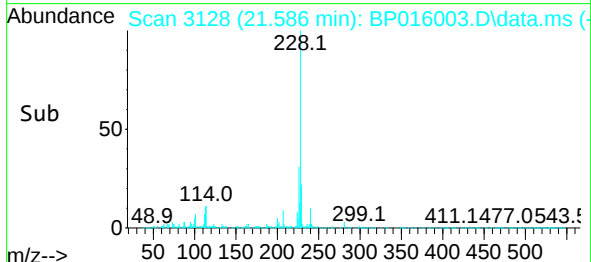
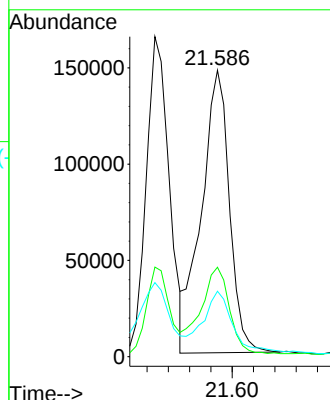
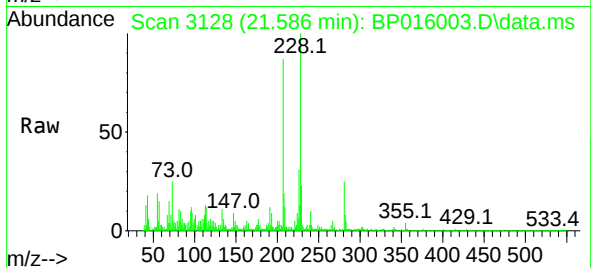
DCGF7

Tgt Ion:228 Resp: 268508
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 22.9 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 3.595 ng/ul

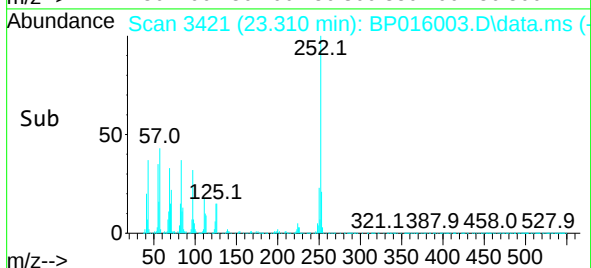
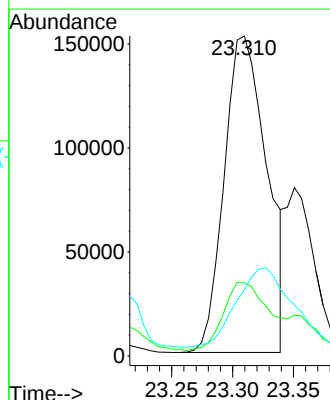
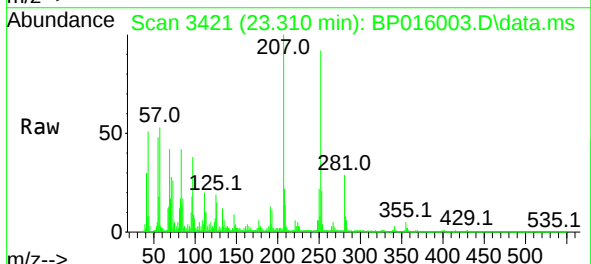
RT: 23.310 min Scan# 3421

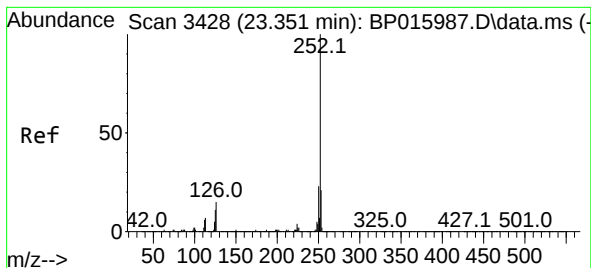
Delta R.T. 0.000 min

Lab File: BP016003.D

Acq: 05 Jul 2023 06:55

Tgt Ion:252 Resp: 371498
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.3 25.9
 125 20.7 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.223 ng/ul

RT: 23.351 min Scan# 3428

Delta R.T. -0.006 min

Lab File: BP016003.D

Acq: 05 Jul 2023 06:55

Instrument :

BNA_P

ClientSampleId :

DCGF7

Tgt Ion:252 Resp: 12764

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.4

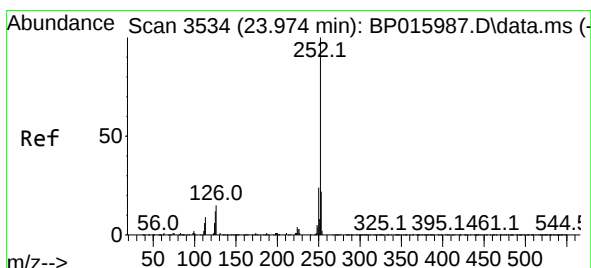
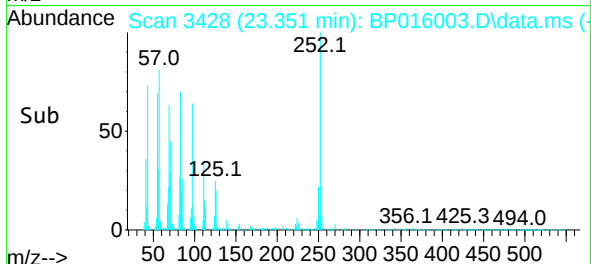
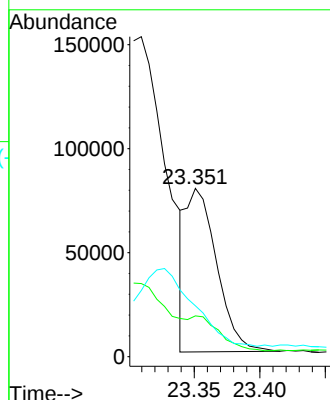
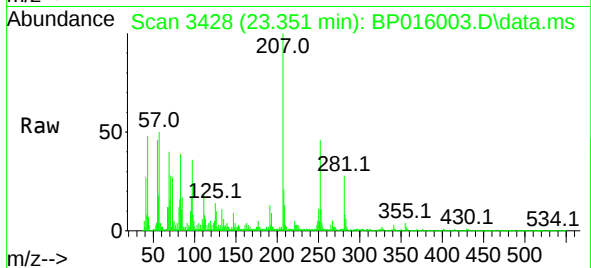
125 30.2 7.3 10.9

Manual Integrations

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Supervised By :Sohil Jodhani 07/05/2023



#93

Benzo(a)pyrene

Concen: 2.511 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP016003.D

Acq: 05 Jul 2023 06:55

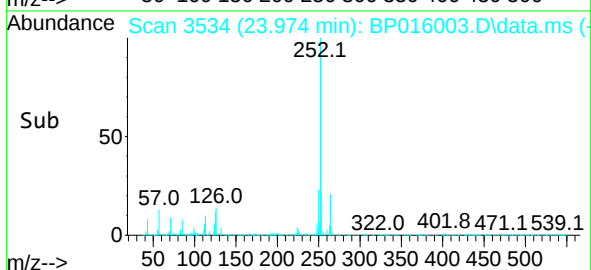
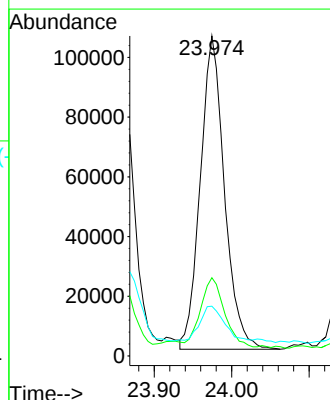
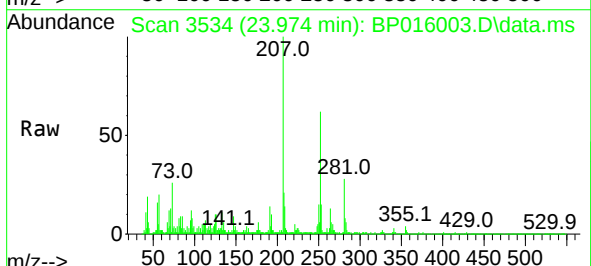
Tgt Ion:252 Resp: 226714

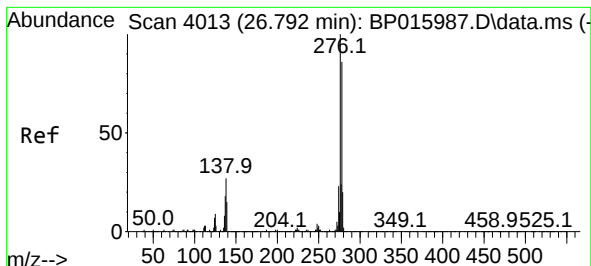
Ion Ratio Lower Upper

252 100

253 24.5 17.7 26.5

125 15.6 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.480 ng/ul

RT: 26.798 min Scan# 4013

Delta R.T. 0.006 min

Lab File: BP016003.D

Acq: 05 Jul 2023 06:55

Instrument :

BNA_P

ClientSampleId :

DCGF7

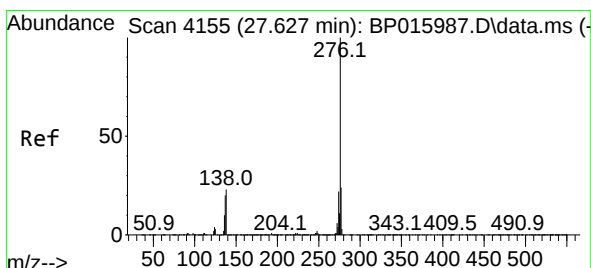
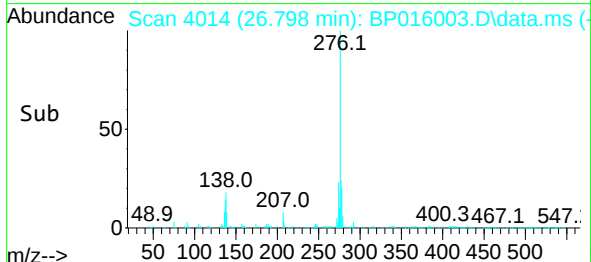
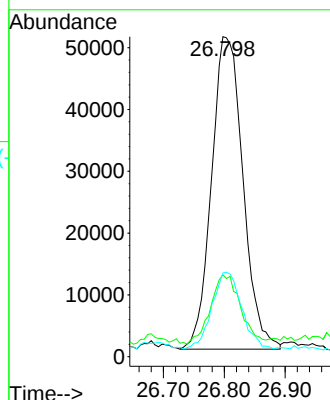
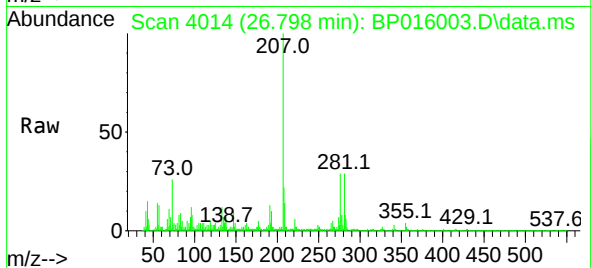
Tgt Ion:	276	Resp:	181384
Ion Ratio	Lower	Upper	
276	100		
138	33.4	15.7	23.5
277	26.1	19.6	29.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 1.734 ng/ul m

RT: 27.645 min Scan# 4158

Delta R.T. 0.018 min

Lab File: BP016003.D

Acq: 05 Jul 2023 06:55

Tgt Ion:	276	Resp:	174816
Ion Ratio	Lower	Upper	
276	100		
138	26.0	15.1	22.7
277	26.7	18.8	28.2

