

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015999.D
 Acq On : 05 Jul 2023 04:40
 Operator : MA/JU
 Sample : 03244-21
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG0

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 05:14:22 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	308864	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.863	136	1336140	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.692	164	750260	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1336599	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	990490	20.000	ng/u1	# 0.00
88) Perylene-d12	24.086	264	1144061	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	44542	5.189	ng/uL	0.00
4) Pyridine-d5	3.822	84	231674	10.706	ng/u1	0.00
7) Phenol-d5	7.228	99	866432	32.786	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	597740	36.560	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	709368	35.559	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	655840	31.415	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	353958	34.664	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	388955	32.636	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	633166	29.814	ng/u1	0.02
31) 4-Chloroaniline-d4	11.046	131	533979	19.573	ng/u1	0.02
46) Dimethylphthalate-d6	14.098	166	1996861	34.435	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	2210914	33.916	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	188798m	24.671	ng/u1	0.05
60) Fluorene-d10	15.692	176	1561089	32.694	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	134870	16.408	ng/u1	0.01
73) Anthracene-d10	17.557	188	1992941	32.643	ng/u1	0.00
81) Pyrene-d10	19.786	212	2083401	32.212	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	2012434	34.871	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	241860	3.331	ng/u1	99
80) Fluoranthene	19.457	202	541197	6.733	ng/u1#	91
82) Pyrene	19.816	202	472471	5.762	ng/u1#	92
85) Benzo(a)anthracene	21.527	228	270817	3.887	ng/u1	95
87) Chrysene	21.586	228	313314	4.740	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	458200	6.233	ng/u1#	92
91) Benzo(k)fluoranthene	23.351	252	160320m	2.159	ng/u1	
93) Benzo(a)pyrene	23.974	252	304447	4.740	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	243422	2.792	ng/u1	97
96) Benzo(g,h,i)perylene	27.633	276	231544	3.228	ng/u1#	93

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

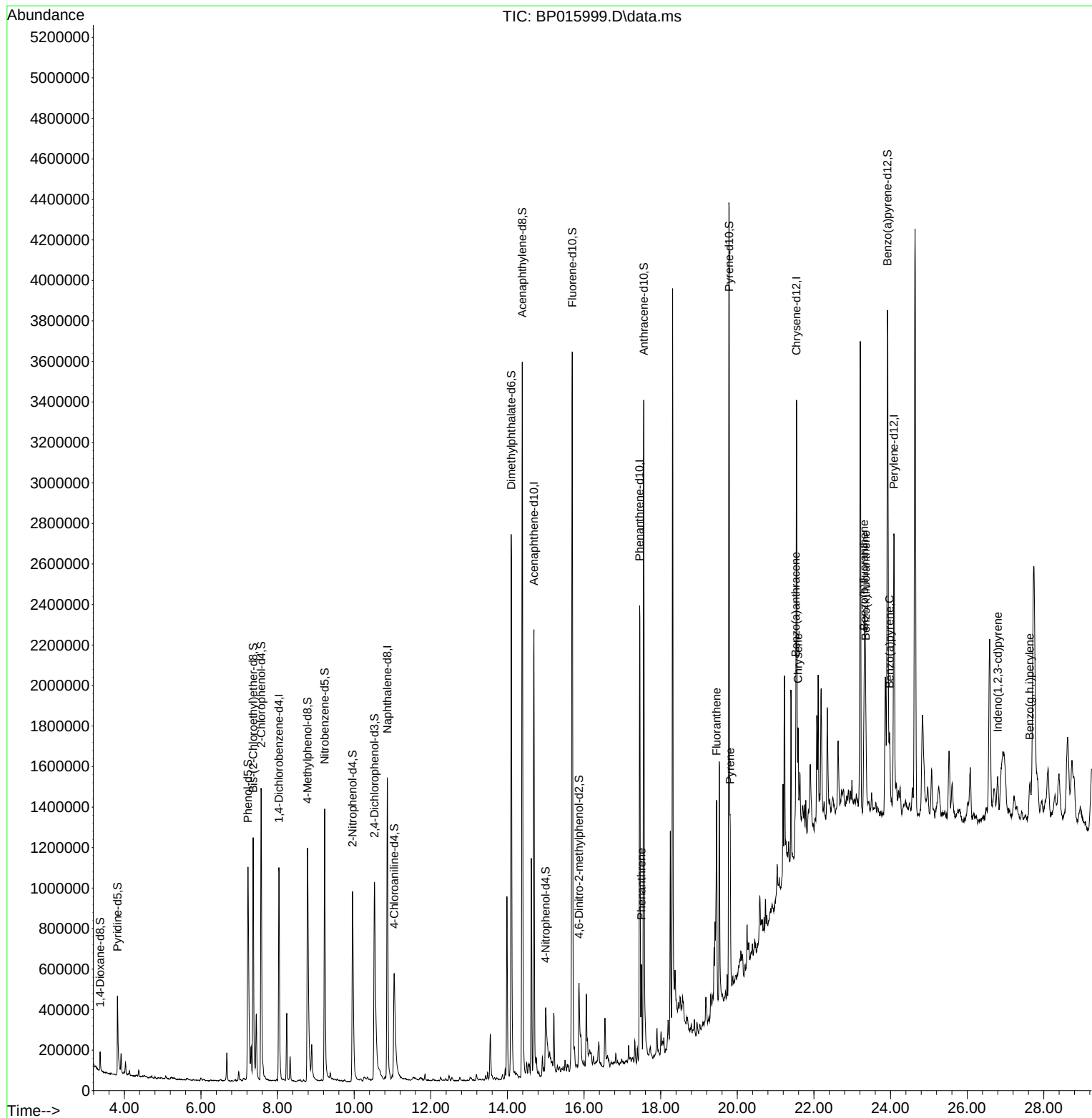
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015999.D
Acq On : 05 Jul 2023 04:40
Operator : MA/JU
Sample : 03244-21
Misc :
ALS Vial : 45 Sample Multiplier: 1

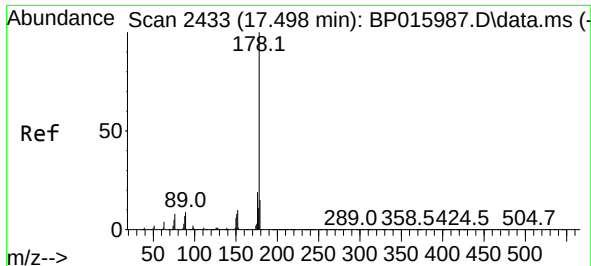
Instrument :
BNA_P
ClientSampleId :
DCGG0

Quant Time: Jul 05 05:14:22 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
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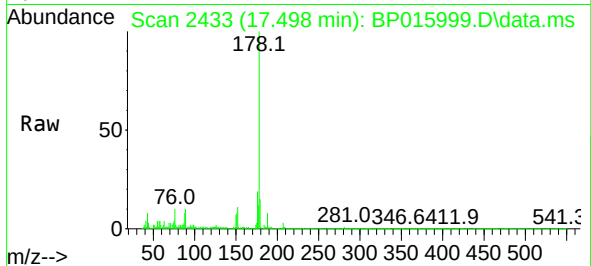
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#72
Phenanthrene
Concen: 3.331 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015999.D
Acq: 05 Jul 2023 04:40

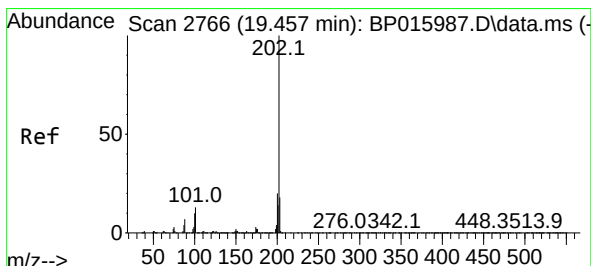
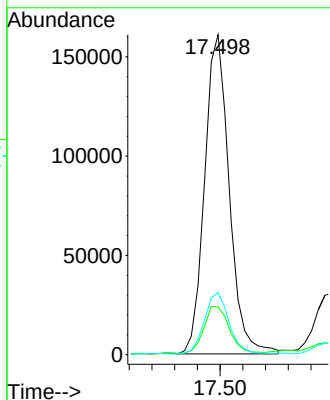
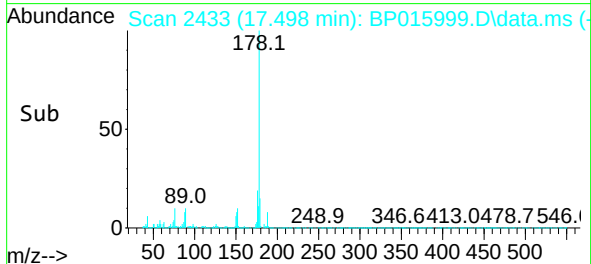
Instrument :
BNA_P
ClientSampleId :
DCGG0



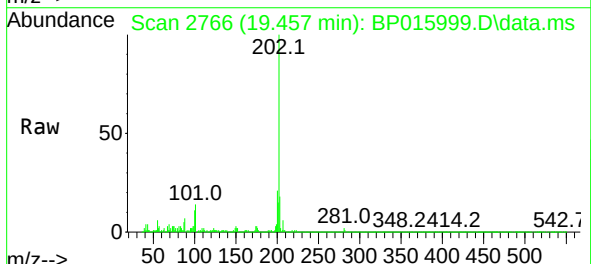
Tgt Ion:178 Resp: 241860
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 19.5 15.6 23.4

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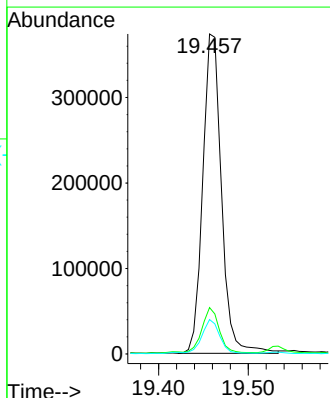
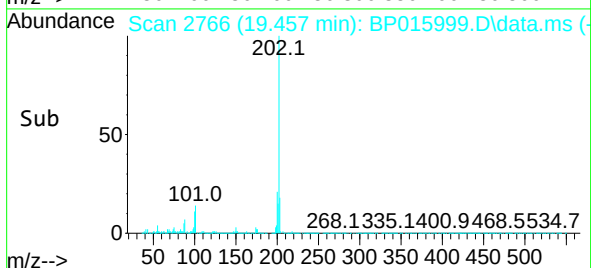
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

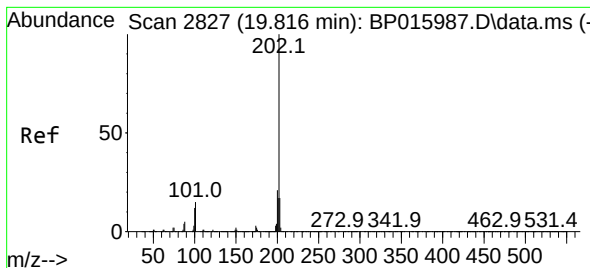


#80
Fluoranthene
Concen: 6.733 ng/ul
RT: 19.457 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BP015999.D
Acq: 05 Jul 2023 04:40



Tgt Ion:202 Resp: 541197
Ion Ratio Lower Upper
202 100
101 14.5 8.3 12.5#
100 10.8 6.6 9.8#





#82

Pyrene

Concen: 5.762 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015999.D

Acq: 05 Jul 2023 04:40

Instrument :

BNA_P

ClientSampleId :

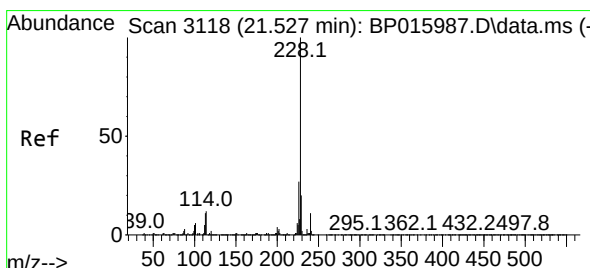
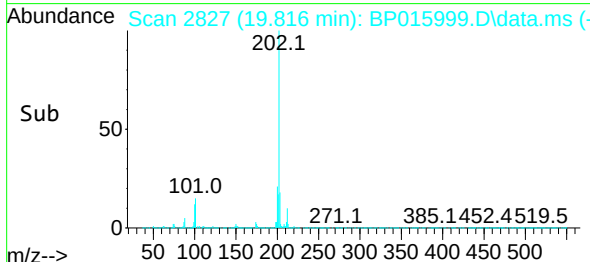
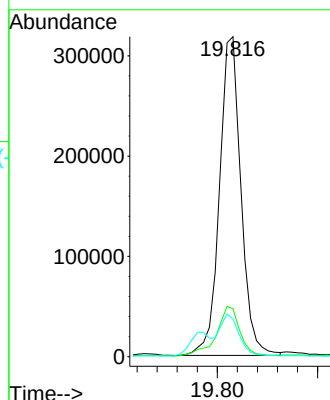
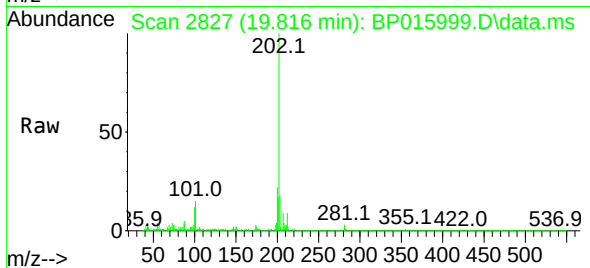
DCGG0

Tgt Ion:	202	Resp:	47247
Ion Ratio	Lower	Upper	
202	100		
101	15.0	9.3	13.9
100	11.7	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 3.887 ng/ul

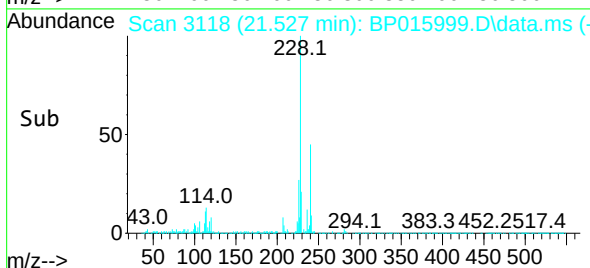
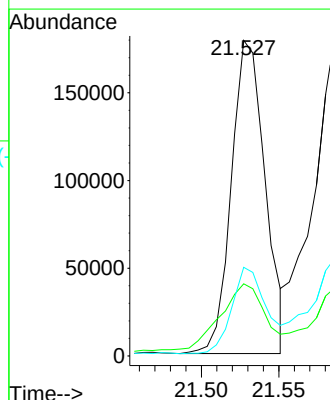
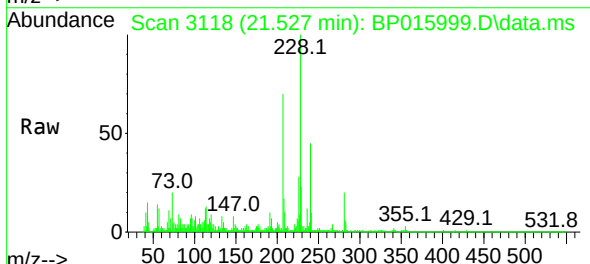
RT: 21.527 min Scan# 3118

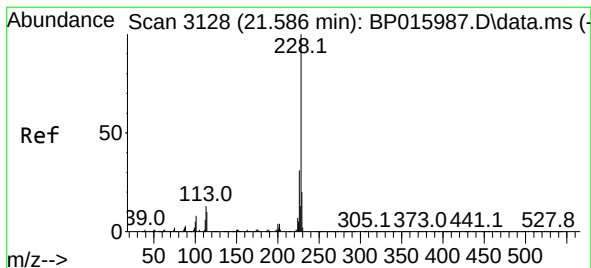
Delta R.T. -0.006 min

Lab File: BP015999.D

Acq: 05 Jul 2023 04:40

Tgt Ion:	228	Resp:	270817
Ion Ratio	Lower	Upper	
228	100		
229	22.9	15.3	22.9
226	28.1	21.4	32.0





#87

Chrysene

Concen: 4.740 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP015999.D

Acq: 05 Jul 2023 04:40

Instrument :

BNA_P

ClientSampleId :

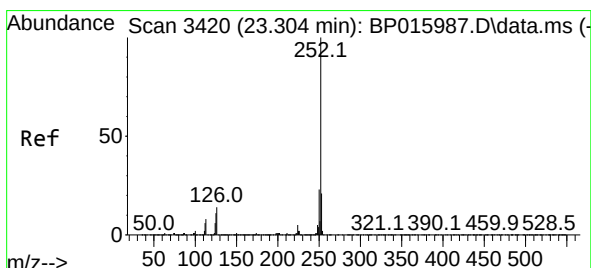
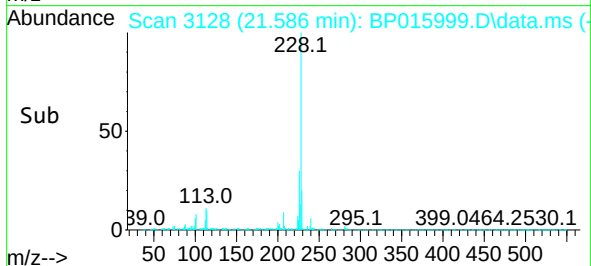
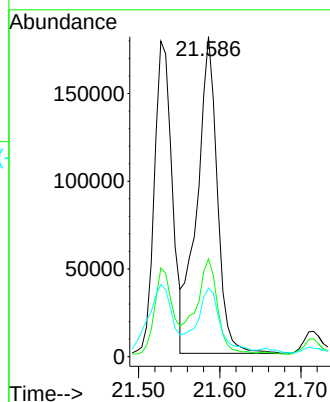
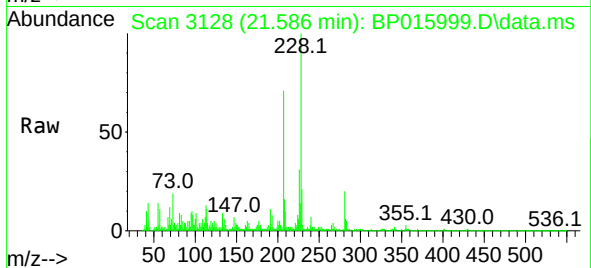
DCGG0

Tgt Ion:228 Resp: 313314
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 21.4 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 6.233 ng/ul

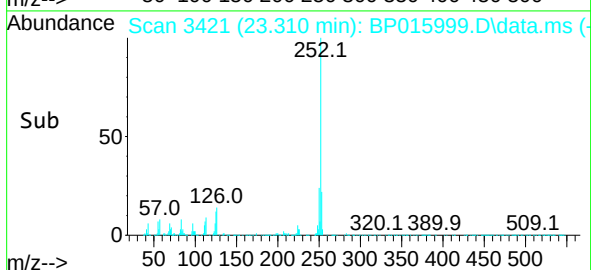
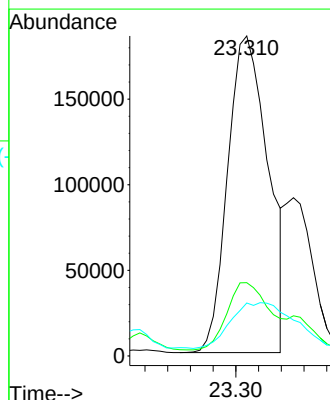
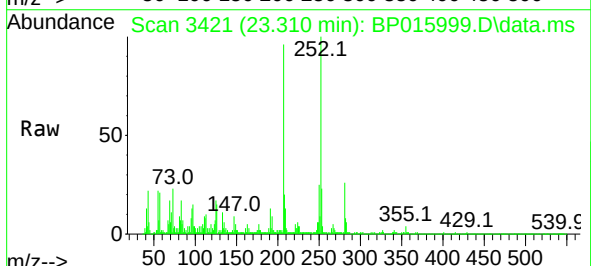
RT: 23.310 min Scan# 3421

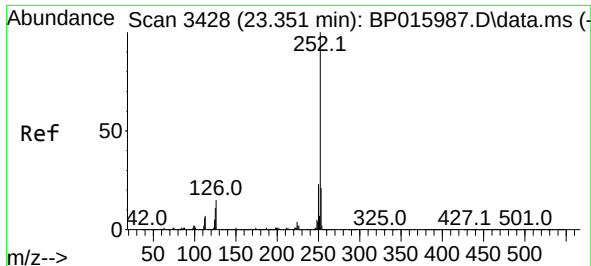
Delta R.T. 0.000 min

Lab File: BP015999.D

Acq: 05 Jul 2023 04:40

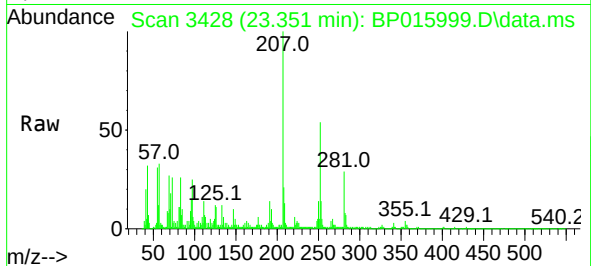
Tgt Ion:252 Resp: 458200
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.3 25.9
 125 16.5 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 2.159 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015999.D
Acq: 05 Jul 2023 04:40

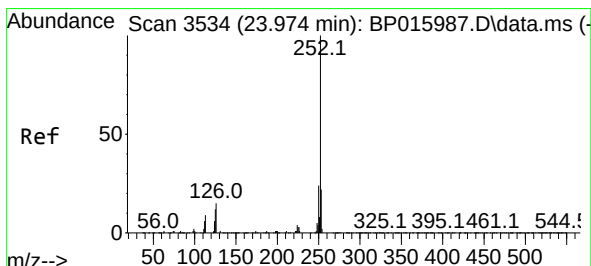
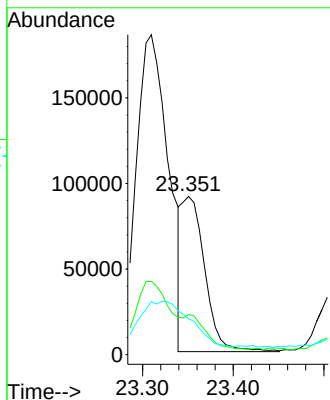
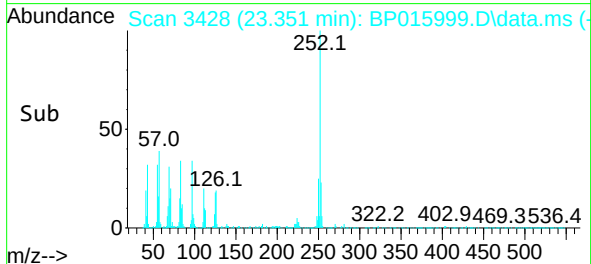
Instrument :
BNA_P
ClientSampleId :
DCGG0



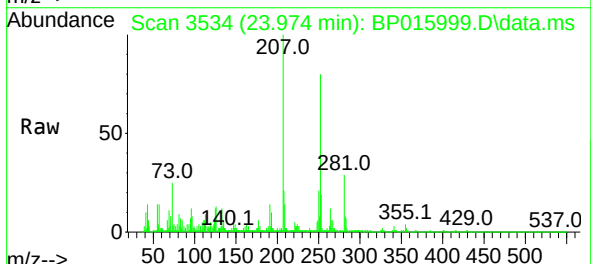
Tgt Ion:252 Resp: 160320
Ion Ratio Lower Upper
252 100
253 25.4 17.0 25.4
125 22.7 7.3 10.9

Manual Integrations
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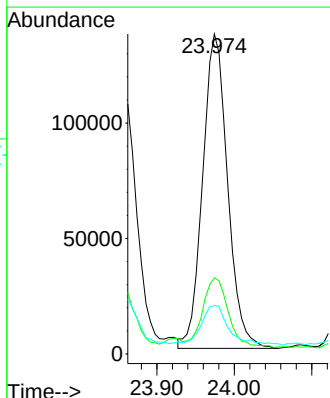
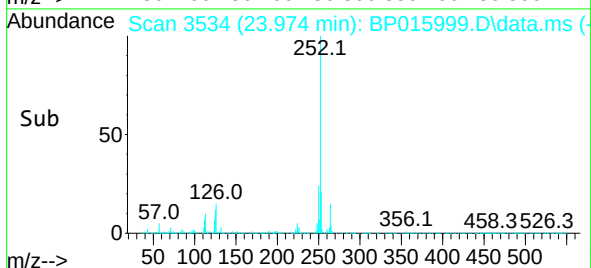
Reviewed By :Yogesh Patel 07/05/2023
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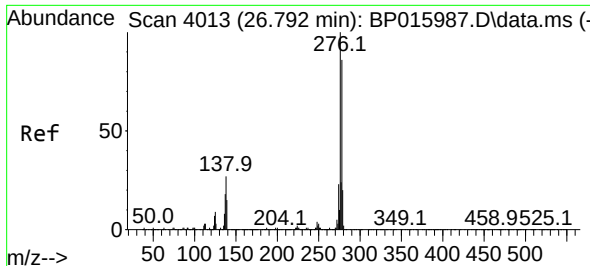


#93
Benzo(a)pyrene
Concen: 4.740 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.006 min
Lab File: BP015999.D
Acq: 05 Jul 2023 04:40



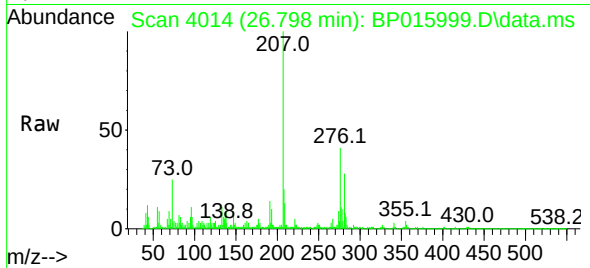
Tgt Ion:252 Resp: 304447
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 15.1 8.2 12.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.792 ng/ul
RT: 26.798 min Scan# 4013
Delta R.T. 0.006 min
Lab File: BP015999.D
Acq: 05 Jul 2023 04:40

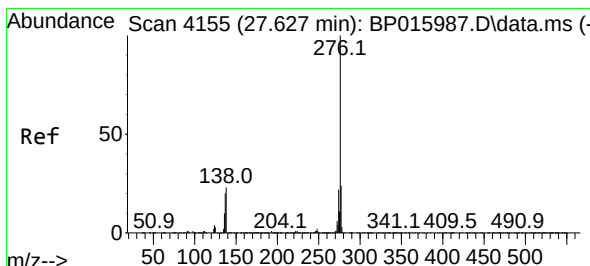
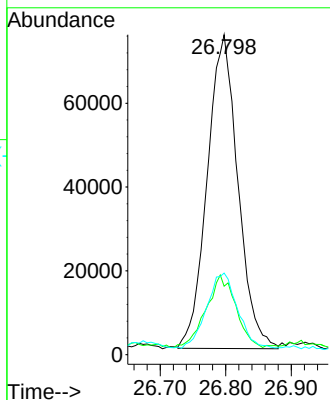
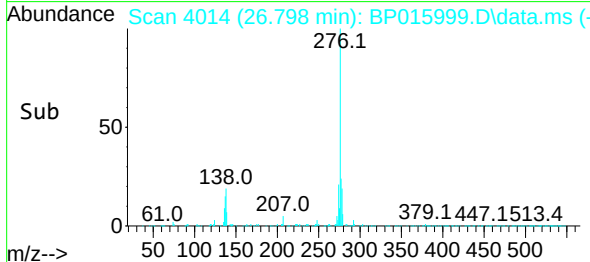
Instrument :
BNA_P
ClientSampleId :
DCGG0



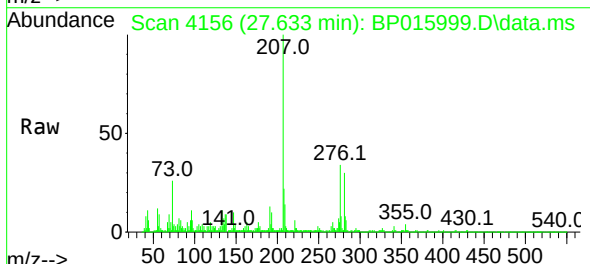
Tgt Ion:276 Resp: 24342
Ion Ratio Lower Upper
276 100
138 21.4 15.7 23.5
277 25.5 19.6 29.4

Manual Integrations
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Supervised By :Sohil Jodhani 07/05/2023



#96
Benzo(g,h,i)perylene
Concen: 3.228 ng/ul
RT: 27.633 min Scan# 4156
Delta R.T. 0.006 min
Lab File: BP015999.D
Acq: 05 Jul 2023 04:40



Tgt Ion:276 Resp: 231544
Ion Ratio Lower Upper
276 100
138 25.0 15.1 22.7#
277 23.9 18.8 28.2

