

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015917.D
 Acq On : 02 Jul 2023 10:37
 Operator : MA/JU
 Sample : 03243-13
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 13:17:18 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	8.046	152	274455	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1205794	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	700928	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1327997	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	866031	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1024543	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	20832	2.731	ng/uL	0.00
4) Pyridine-d5	3.828	84	179358	9.327	ng/ul	0.01
7) Phenol-d5	7.240	99	405375	17.263	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	288568	19.863	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	333454	18.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	277652	14.967	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	170957	18.552	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	181038	16.833	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.551	165	284797	14.860	ng/ul	0.04
31) 4-Chloroaniline-d4	11.063	131	252545	10.258	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1026059	18.939	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1167685	19.173	ng/ul	0.00
54) 4-Nitrophenol-d4	15.016	143	82699	11.567	ng/ul	0.06
60) Fluorene-d10	15.704	176	849111	19.035	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	53430	6.542	ng/ul	0.02
73) Anthracene-d10	17.569	188	1109232	18.286	ng/ul	0.01
81) Pyrene-d10	19.792	212	1144857	20.245	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1022267	19.780	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.504	178	74201	1.029	ng/ul	98
80) Fluoranthene	19.469	202	201571	2.868	ng/ul#	93
82) Pyrene	19.822	202	165831	2.313	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	90934m	1.493	ng/ul	
87) Chrysene	21.592	228	111942	1.937	ng/ul	97
90) Benzo(b)fluoranthene	23.315	252	179867	2.732	ng/ul#	83
93) Benzo(a)pyrene	23.980	252	104291	1.813	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	26.809	276	92634	1.186	ng/ul#	91
96) Benzo(g,h,i)perylene	27.645	276	78939	1.229	ng/ul#	80

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

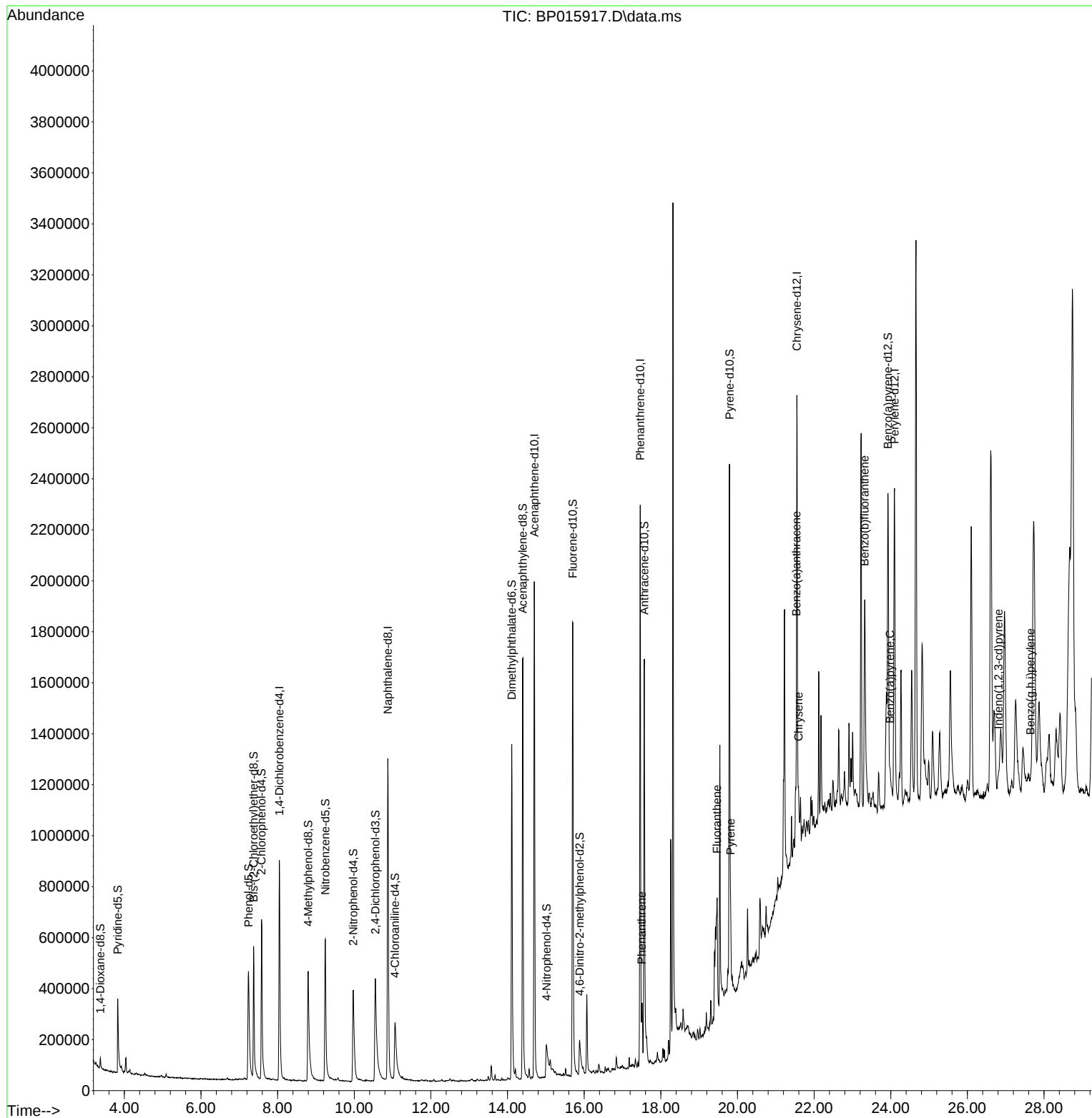
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015917.D
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ALS Vial : 84 Sample Multiplier: 1

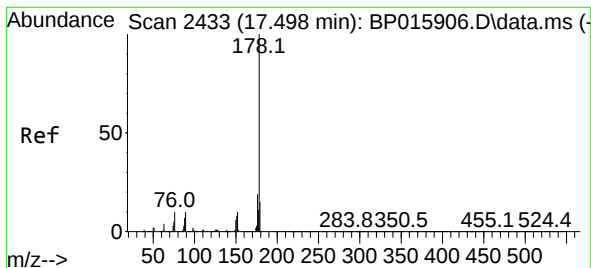
Instrument :
BNA_P
ClientSampleId :
DCGD3

Quant Time: Jul 02 13:17:18 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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#72

Phenanthrene

Concen: 1.029 ng/ul

RT: 17.504 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP015917.D

Acq: 02 Jul 2023 10:37

Instrument :

BNP_P

ClientSampleId :

DCGD3

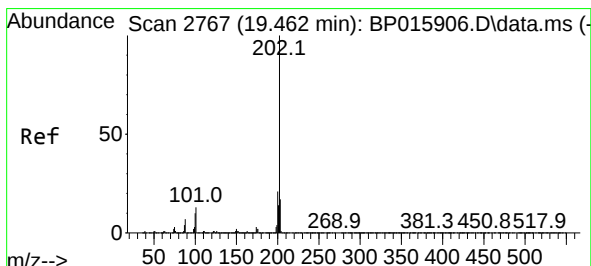
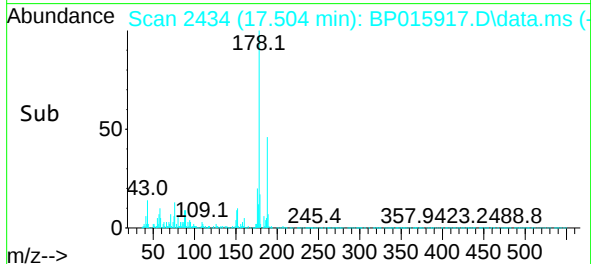
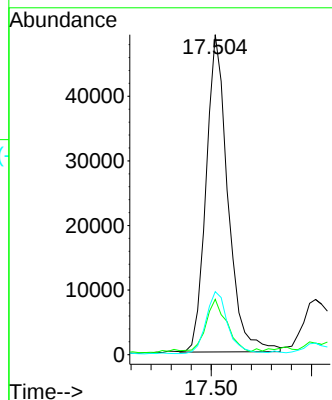
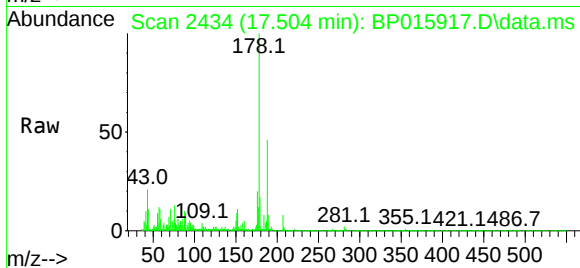
Tgt Ion:178 Resp: 7420
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.4 18.6
 176 19.7 15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 2.868 ng/ul

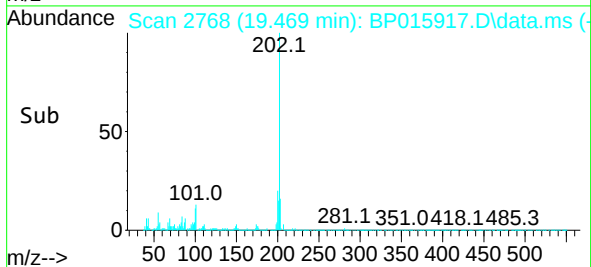
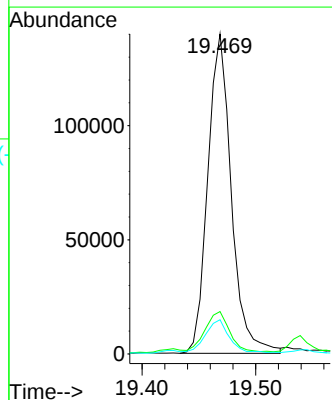
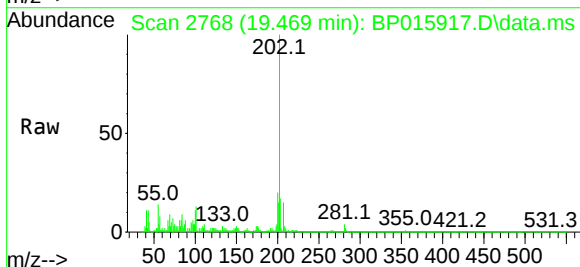
RT: 19.469 min Scan# 2768

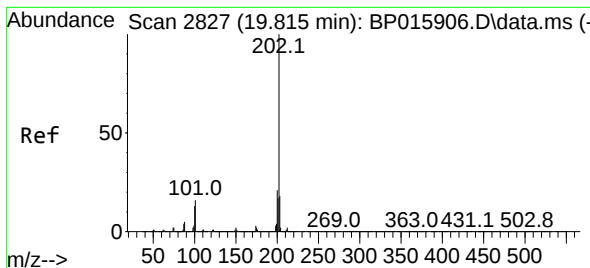
Delta R.T. 0.006 min

Lab File: BP015917.D

Acq: 02 Jul 2023 10:37

Tgt Ion:202 Resp: 201571
 Ion Ratio Lower Upper
 202 100
 101 13.3 8.3 12.5#
 100 10.7 6.6 9.8#





#82

Pyrene

Concen: 2.313 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015917.D

Acq: 02 Jul 2023 10:37

Instrument :

BNA_P

ClientSampleId :

DCGD3

Tgt Ion:202 Resp: 16583

Ion Ratio Lower Upper

202 100

101 15.3 9.3 13.9

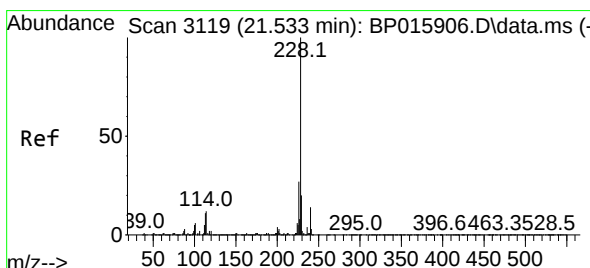
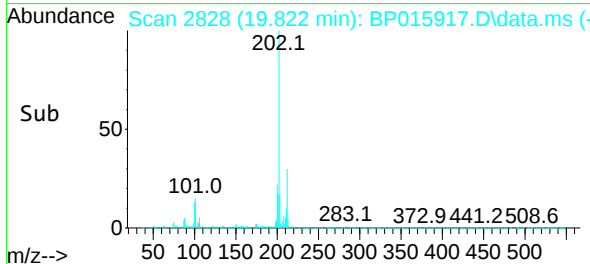
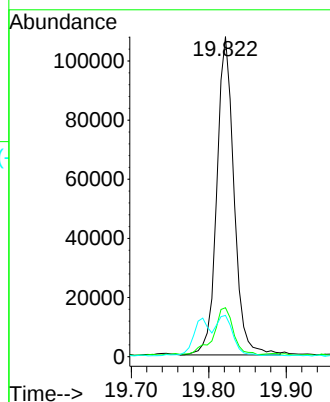
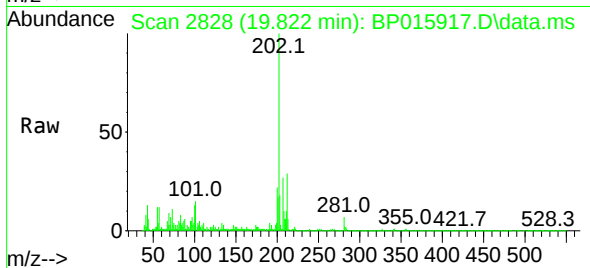
100 12.9 7.6 11.4

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#85

Benzo(a)anthracene

Concen: 1.493 ng/ul m

RT: 21.539 min Scan# 3120

Delta R.T. 0.006 min

Lab File: BP015917.D

Acq: 02 Jul 2023 10:37

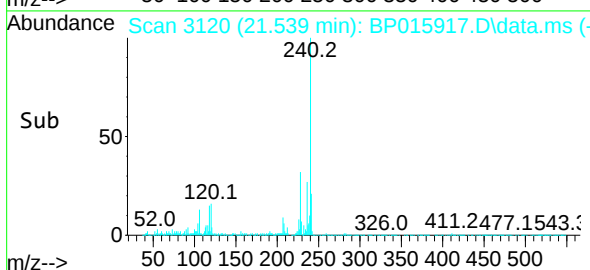
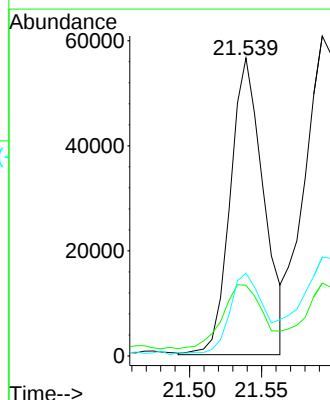
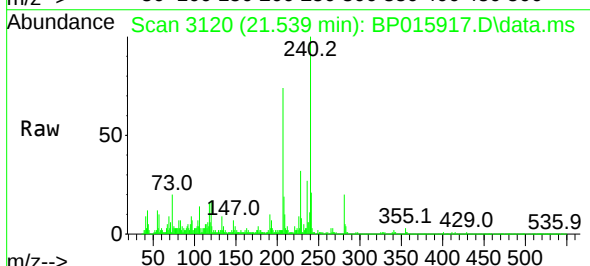
Tgt Ion:228 Resp: 90934

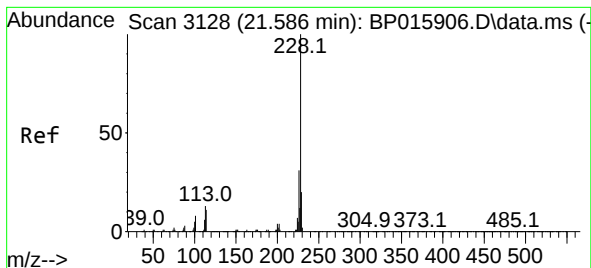
Ion Ratio Lower Upper

228 100

229 23.8 15.3 22.9

226 27.8 21.4 32.0





#87

Chrysene

Concen: 1.937 ng/ul

RT: 21.592 min Scan# 3128

Delta R.T. 0.006 min

Lab File: BP015917.D

Acq: 02 Jul 2023 10:37

Instrument :

BNA_P

ClientSampleId :

DCGD3

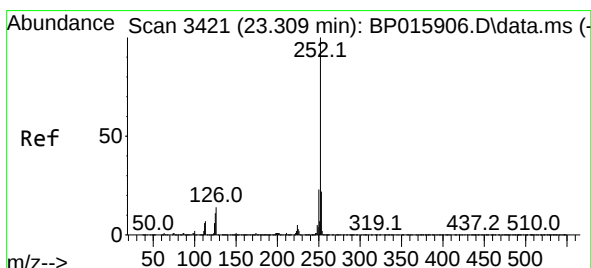
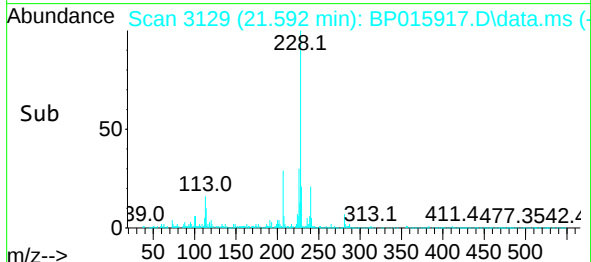
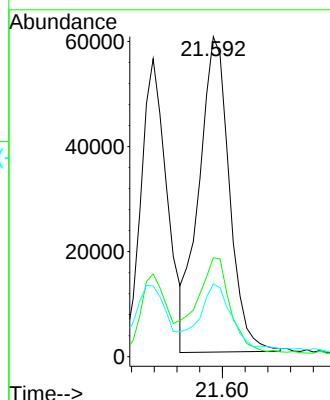
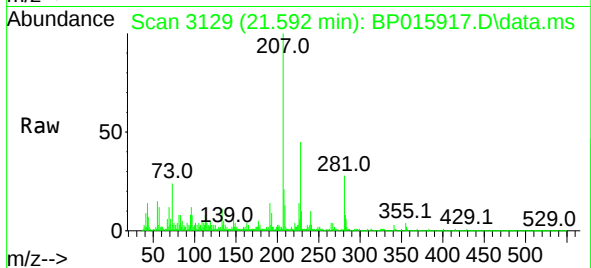
Tgt Ion:228 Resp: 11194
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 22.7 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 2.732 ng/ul

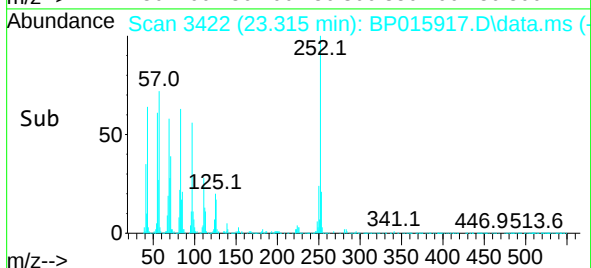
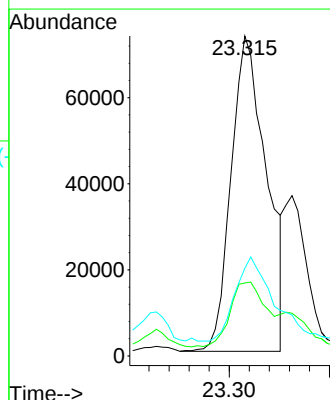
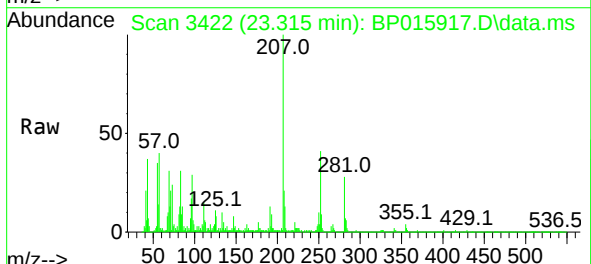
RT: 23.315 min Scan# 3422

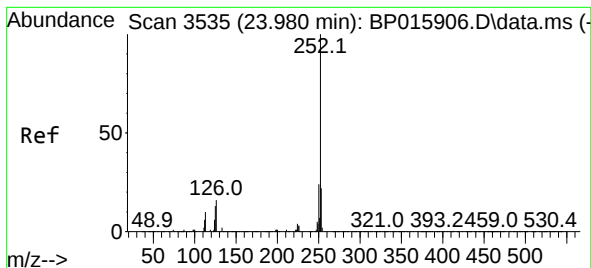
Delta R.T. 0.006 min

Lab File: BP015917.D

Acq: 02 Jul 2023 10:37

Tgt Ion:252 Resp: 179867
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.3 25.9
 125 27.4 7.5 11.3





#93

Benzo(a)pyrene

Concen: 1.813 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015917.D

Acq: 02 Jul 2023 10:37

Instrument :

BNA_P

ClientSampleId :

DCGD3

Tgt Ion:252 Resp: 10429

Ion Ratio Lower Upper

252 100

253 26.6 17.7 26.5

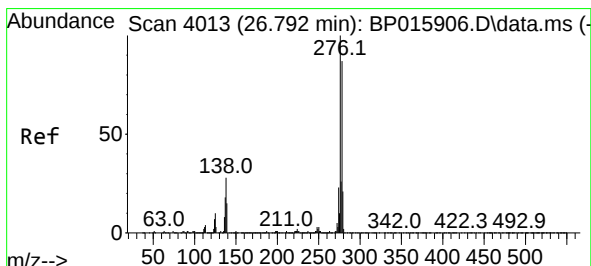
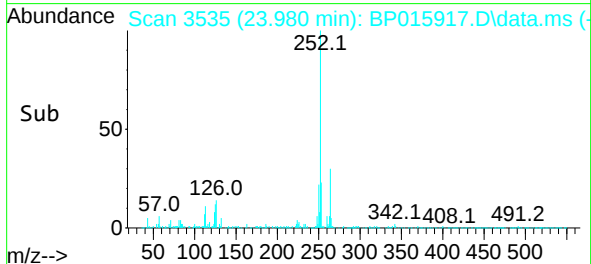
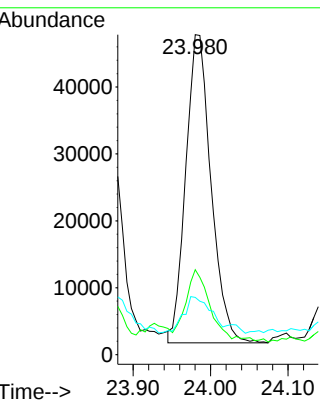
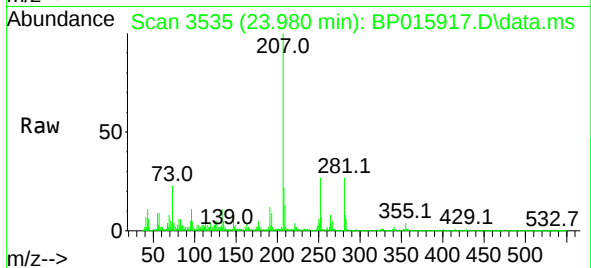
125 17.9 8.2 12.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.186 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. 0.018 min

Lab File: BP015917.D

Acq: 02 Jul 2023 10:37

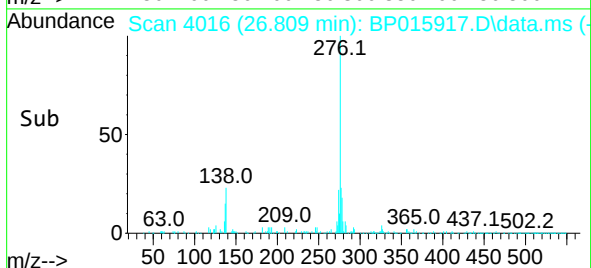
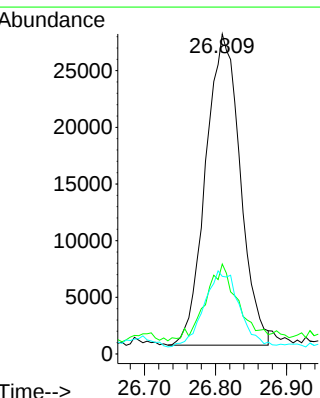
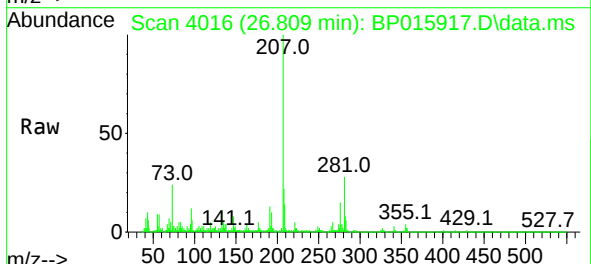
Tgt Ion:276 Resp: 92634

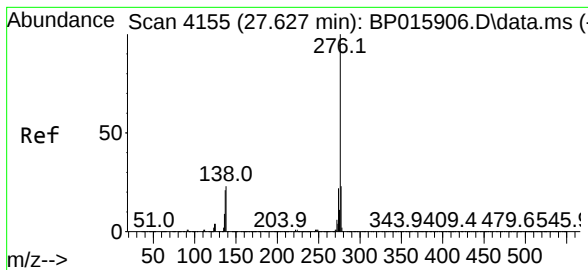
Ion Ratio Lower Upper

276 100

138 28.1 15.7 23.5

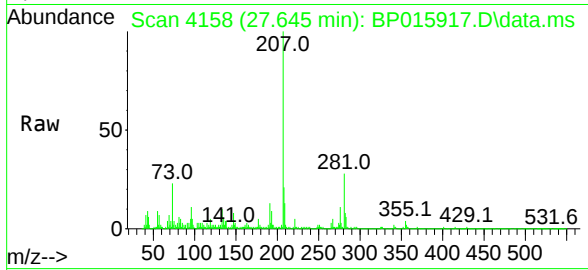
277 24.2 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.229 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. 0.018 min
 Lab File: BP015917.D
 Acq: 02 Jul 2023 10:37

Instrument :
 BNA_P
 ClientSampleId :
 DCGD3



Tgt Ion:	276	Resp:	78939
Ion Ratio	Lower	Upper	
276	100		
138	34.4	15.1	22.7
277	27.5	18.8	28.2

Manual Integrations
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