

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016015.D
 Acq On : 05 Jul 2023 15:51
 Operator : MA/JU
 Sample : 03244-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGF1

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 22:13:48 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	8.040	152	260469	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1111968	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.692	164	644602	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1126361	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	776553	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	906248	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	25748	3.557	ng/uL	0.00
4) Pyridine-d5	3.816	84	264101	14.472	ng/u1	0.00
7) Phenol-d5	7.240	99	566968	25.440	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.363	67	373058	27.057	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	461641	27.441	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	403899	22.941	ng/u1	0.02
21) Nitrobenzene-d5	9.234	128	221564	26.072	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	248423	25.047	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.551	165	426967	24.157	ng/u1	0.04
31) 4-Chloroaniline-d4	11.081	131	134686	5.932	ng/u1	0.05
46) Dimethylphthalate-d6	14.104	166	1467771	29.460	ng/u1	0.00
49) Acenaphthylene-d8	14.386	160	1629235	29.090	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	134408m	20.443	ng/u1	0.05
60) Fluorene-d10	15.692	176	1168813	28.491	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.880	200	78453	11.326	ng/u1	0.02
73) Anthracene-d10	17.557	188	1479889	28.764	ng/u1	0.00
81) Pyrene-d10	19.786	212	1450768	28.611	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1364085	29.839	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.922	128	85469	1.414	ng/u1	98
50) Acenaphthylene	14.416	152	225942	3.661	ng/u1	98
72) Phenanthrene	17.498	178	183186	2.994	ng/u1	98
74) Anthracene	17.598	178	136615	2.222	ng/u1	97
80) Fluoranthene	19.463	202	706388	11.209	ng/u1#	93
82) Pyrene	19.816	202	669754	10.419	ng/u1#	91
85) Benzo(a)anthracene	21.527	228	406984	7.450	ng/u1	97
87) Chrysene	21.586	228	459846	8.873	ng/u1	97
90) Benzo(b)fluoranthene	23.309	252	932324	16.011	ng/u1#	95
91) Benzo(k)fluoranthene	23.351	252	322232m	5.477	ng/u1	
93) Benzo(a)pyrene	23.980	252	581277	11.424	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.809	276	559872	8.106	ng/u1	95
95) Dibenzo(a,h)anthracene	26.803	278	135397	2.387	ng/u1#	76
96) Benzo(g,h,i)perylene	27.650	276	526531	9.266	ng/u1#	94

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

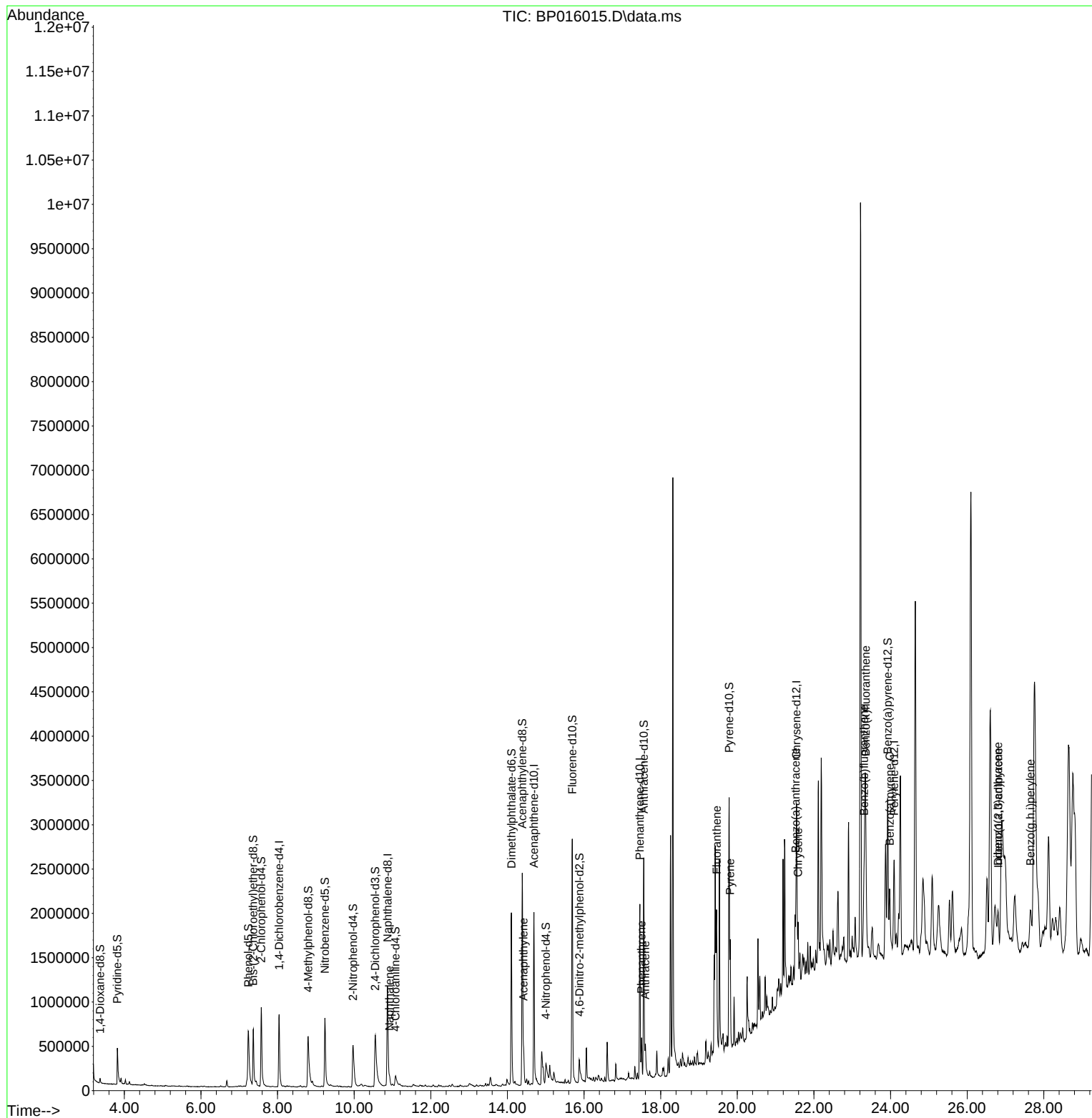
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016015.D
Acq On : 05 Jul 2023 15:51
Operator : MA/JU
Sample : 03244-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

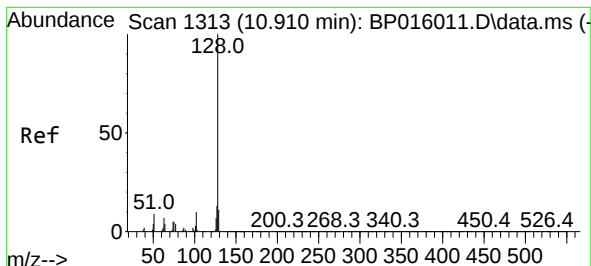
Instrument :
BNA_P
ClientSampleId :
DCGF1

Quant Time: Jul 05 22:13:48 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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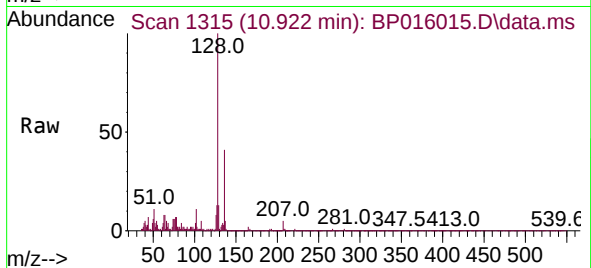
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#30
Naphthalene
Concen: 1.414 ng/ul
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP016015.D
Acq: 05 Jul 2023 15:51

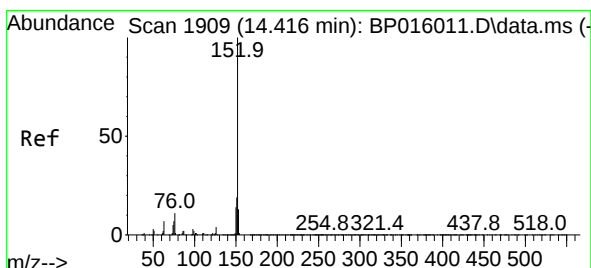
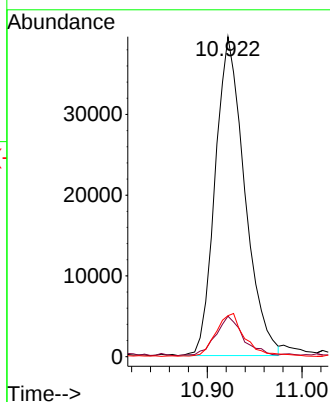
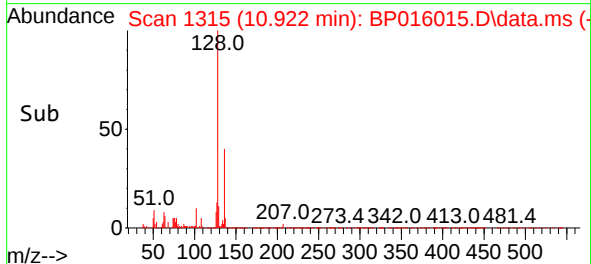
Instrument :
BNA_P
ClientSampleId :
DCGF1



Tgt Ion:128 Resp: 85469
Ion Ratio Lower Upper
128 100
129 12.7 8.6 12.8
127 12.8 10.3 15.5

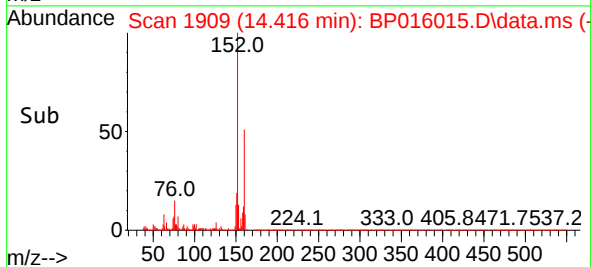
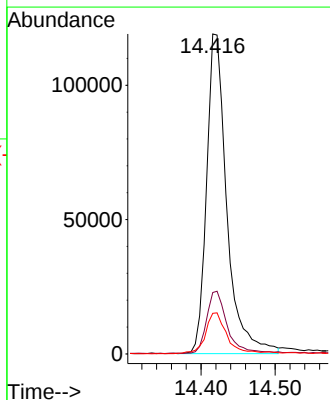
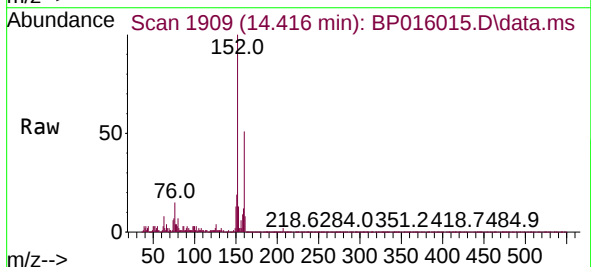
Manual Integrations
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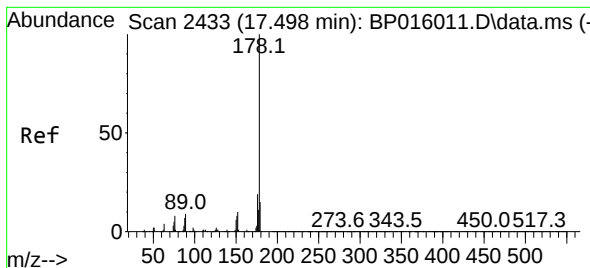
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#50
Acenaphthylene
Concen: 3.661 ng/ul
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP016015.D
Acq: 05 Jul 2023 15:51

Tgt Ion:152 Resp: 225942
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2
153 12.7 10.5 15.7





#72

Phenanthrene

Concen: 2.994 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP016015.D

Acq: 05 Jul 2023 15:51

Instrument :

BNP_P

ClientSampleId :

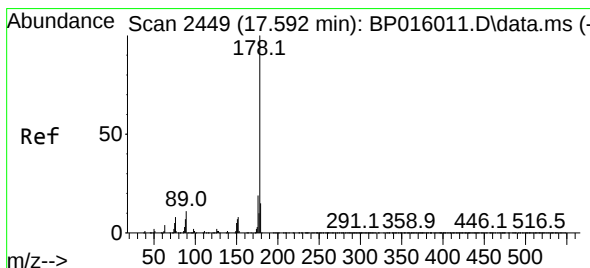
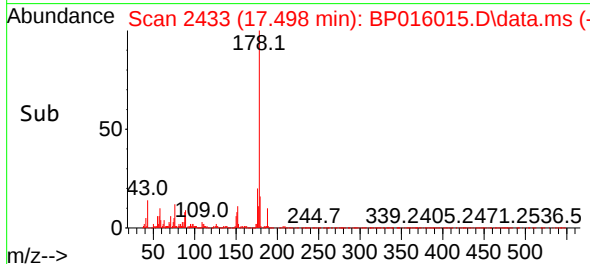
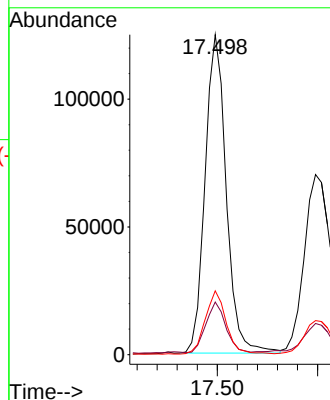
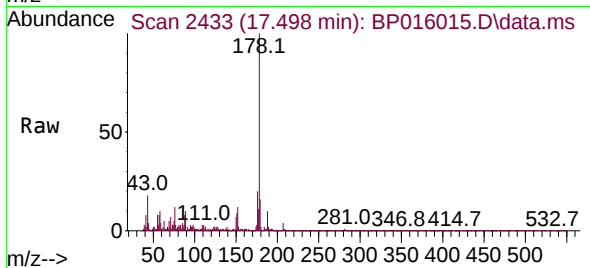
DCGF1

Tgt Ion:178	Resp: 183180
Ion Ratio	Lower Upper
178 100	
179 16.5	12.4 18.6
176 20.0	15.6 23.4

Manual Integrations

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



#74

Anthracene

Concen: 2.222 ng/ul

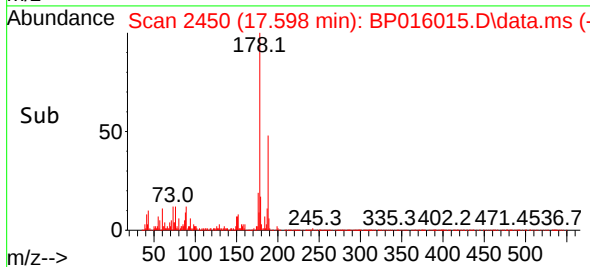
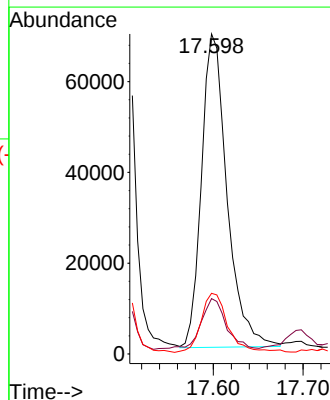
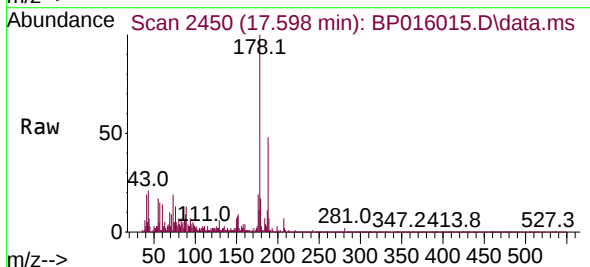
RT: 17.598 min Scan# 2450

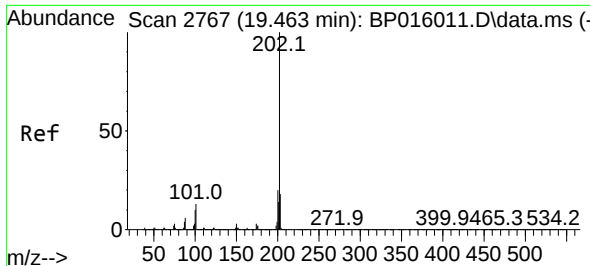
Delta R.T. 0.000 min

Lab File: BP016015.D

Acq: 05 Jul 2023 15:51

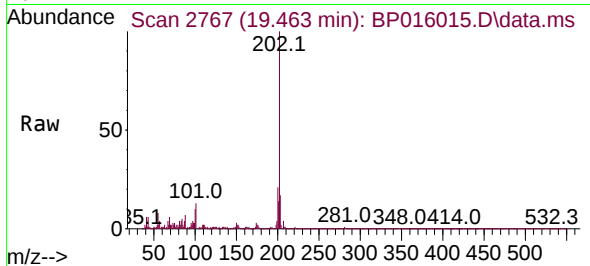
Tgt Ion:178	Resp: 136615
Ion Ratio	Lower Upper
178 100	
179 17.3	12.1 18.1
176 18.9	14.6 22.0





#80
Fluoranthene
Concen: 11.209 ng/u1
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP016015.D
Acq: 05 Jul 2023 15:51

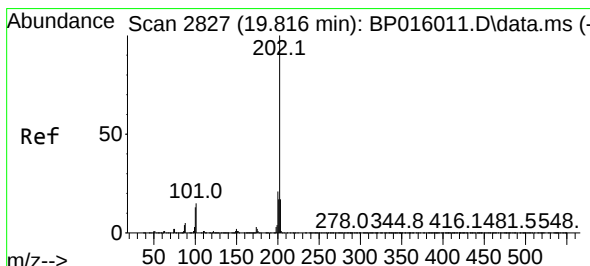
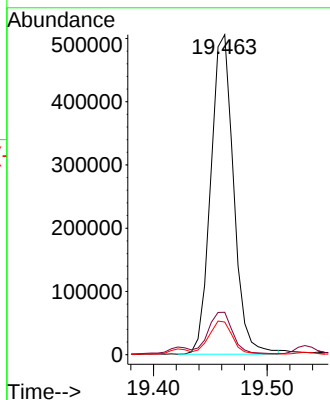
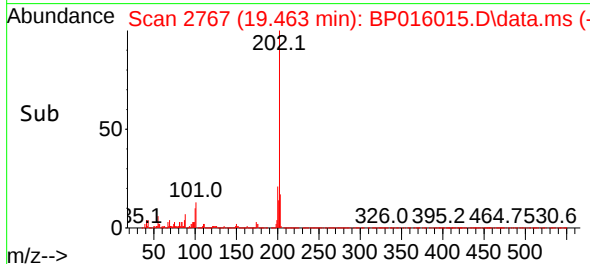
Instrument :
BNA_P
ClientSampleId :
DCGF1



Tgt Ion:202 Resp: 706388
Ion Ratio Lower Upper
202 100
101 13.3 8.3 12.5
100 10.2 6.6 9.8

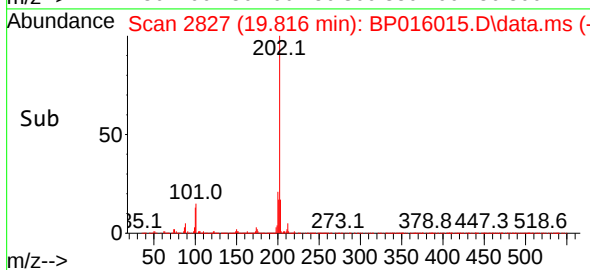
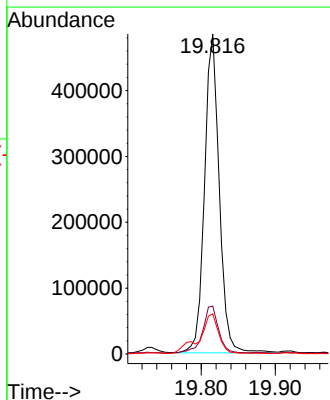
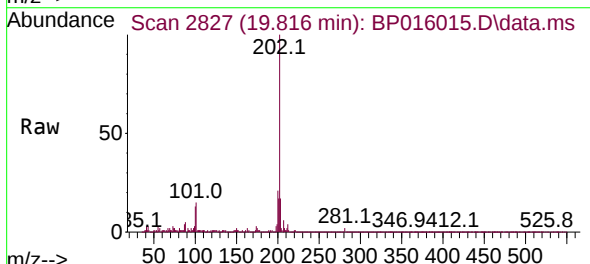
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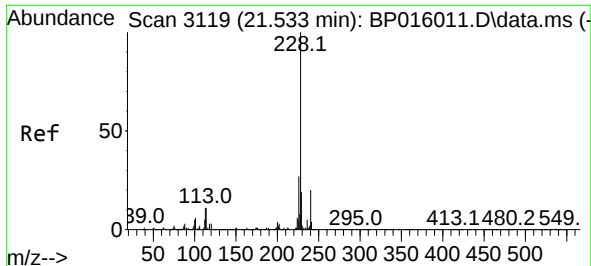
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#82
Pyrene
Concen: 10.419 ng/u1
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP016015.D
Acq: 05 Jul 2023 15:51

Tgt Ion:202 Resp: 669754
Ion Ratio Lower Upper
202 100
101 14.9 9.3 13.9#
100 12.6 7.6 11.4#





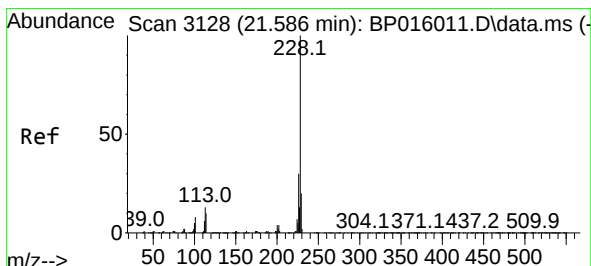
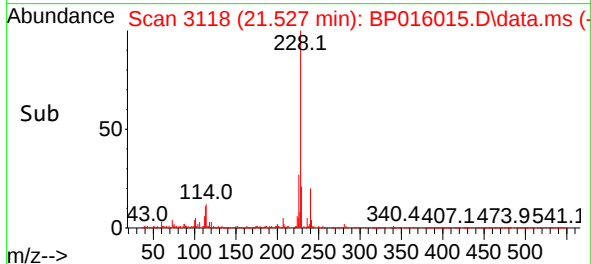
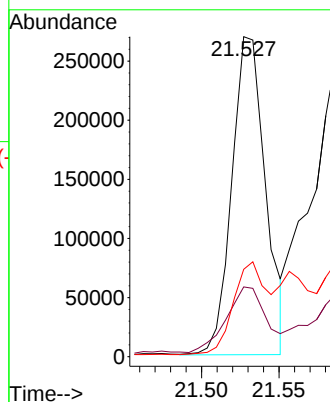
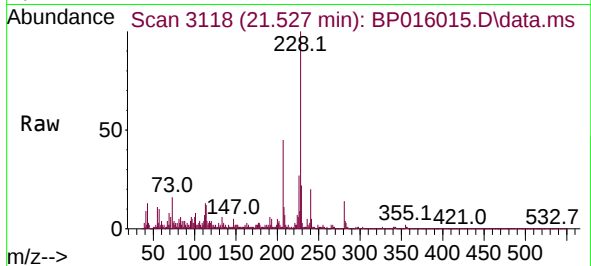
#85
Benzo(a)anthracene
Concen: 7.450 ng/u1
RT: 21.527 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP016015.D
Acq: 05 Jul 2023 15:51

Instrument :
BNA_P
ClientSampleId :
DCGF1

Tgt Ion:228 Resp: 406984
Ion Ratio Lower Upper
228 100
229 21.8 15.3 22.9
226 27.3 21.4 32.0

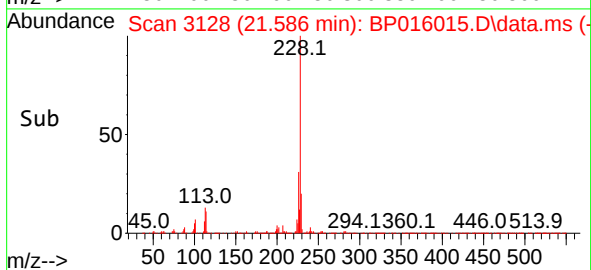
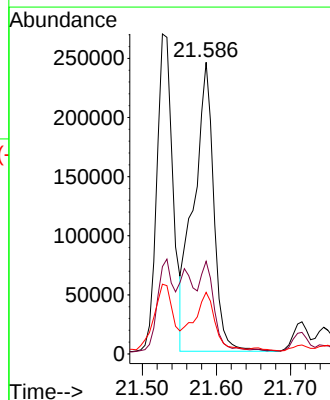
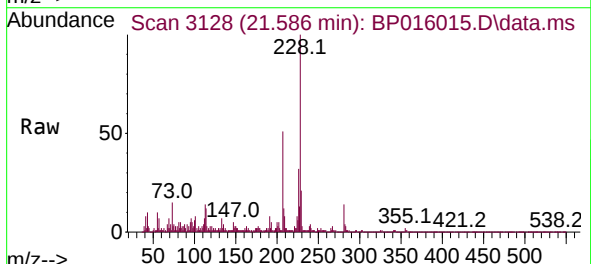
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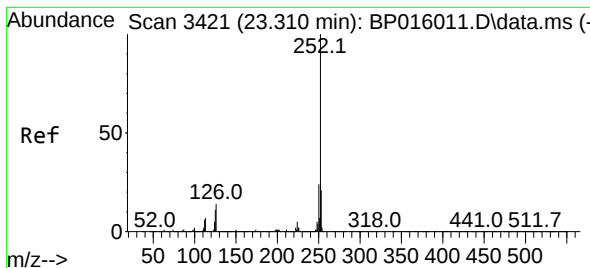
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#87
Chrysene
Concen: 8.873 ng/u1
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP016015.D
Acq: 05 Jul 2023 15:51

Tgt Ion:228 Resp: 459846
Ion Ratio Lower Upper
228 100
226 31.8 24.3 36.5
229 21.1 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 16.011 ng/ul

RT: 23.309 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP016015.D

Acq: 05 Jul 2023 15:51

Instrument :

BNA_P

ClientSampleId :

DCGF1

Tgt Ion:252 Resp: 932324

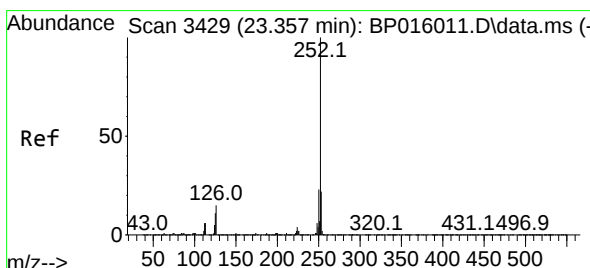
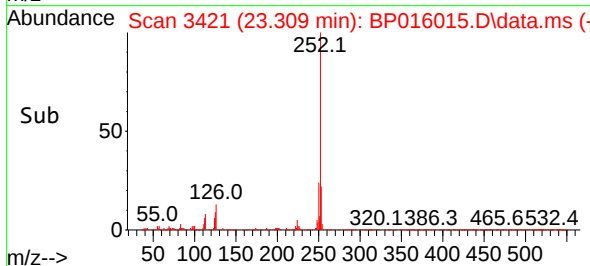
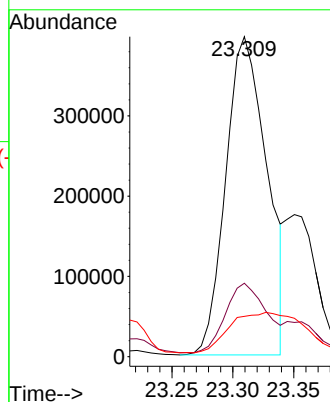
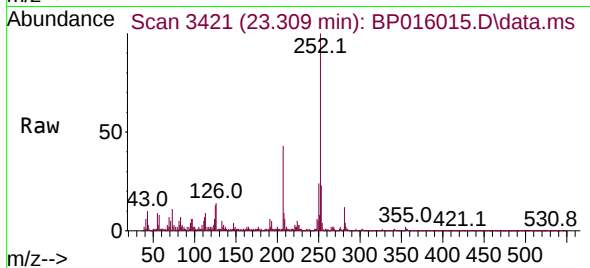
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	12.6	7.5	11.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#91

Benzo(k)fluoranthene

Concen: 5.477 ng/ul m

RT: 23.351 min Scan# 3428

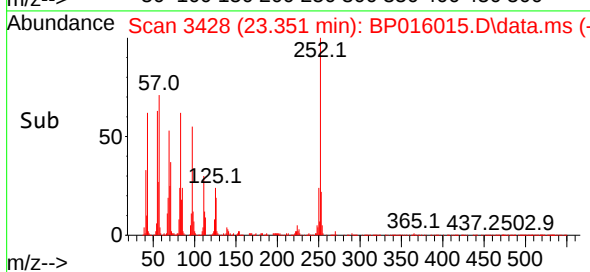
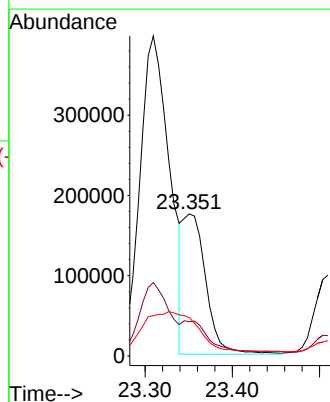
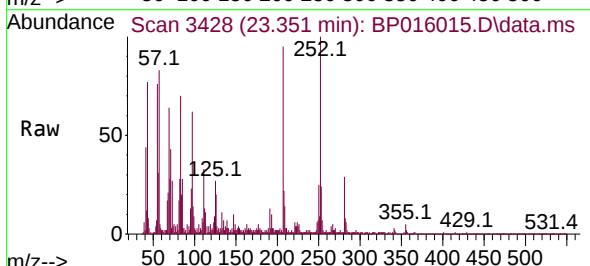
Delta R.T. -0.006 min

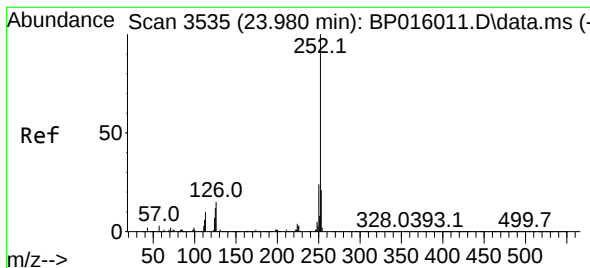
Lab File: BP016015.D

Acq: 05 Jul 2023 15:51

Tgt Ion:252 Resp: 322232

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.4
125	27.0	7.3	10.9





#93

Benzo(a)pyrene

Concen: 11.424 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP016015.D

Acq: 05 Jul 2023 15:51

Instrument :

BNA_P

ClientSampleId :

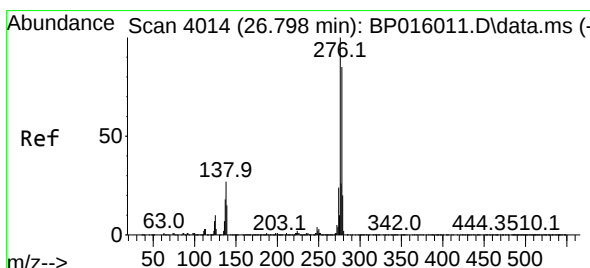
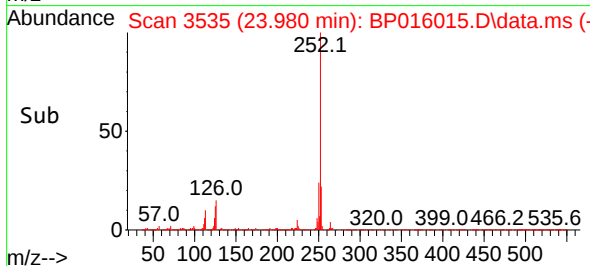
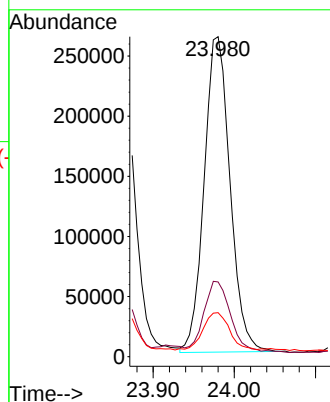
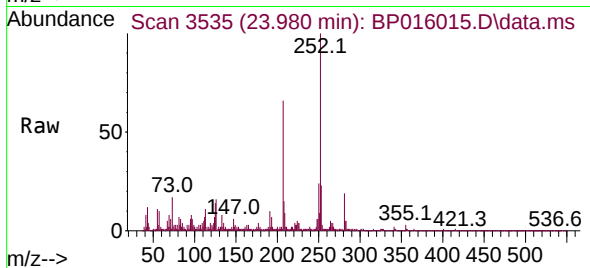
DCGF1

Tgt Ion:	252	Resp:	58127
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.7	26.5
125	13.7	8.2	12.2

Manual Integrations

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.106 ng/ul

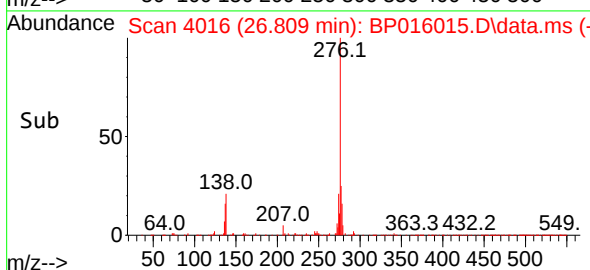
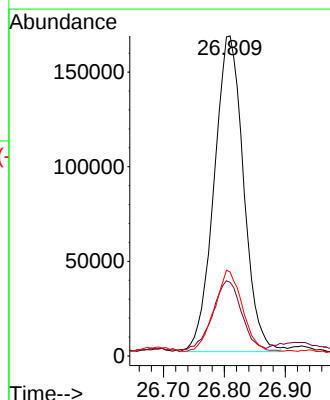
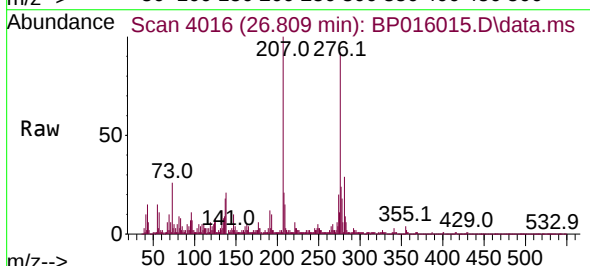
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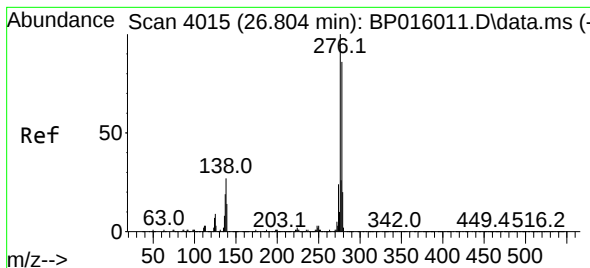
Delta R.T. 0.018 min

Lab File: BP016015.D

Acq: 05 Jul 2023 15:51

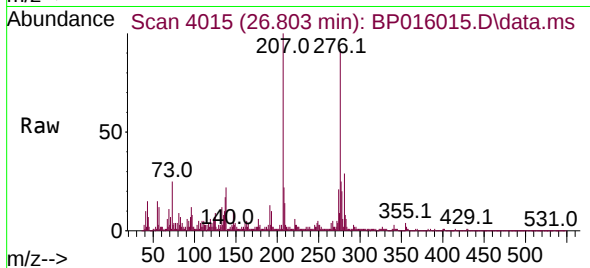
Tgt Ion:	276	Resp:	559872
Ion Ratio	Lower	Upper	
276	100		
138	23.0	15.7	23.5
277	26.2	19.6	29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 2.387 ng/ul
 RT: 26.803 min Scan# 4015
 Delta R.T. 0.006 min
 Lab File: BP016015.D
 Acq: 05 Jul 2023 15:51

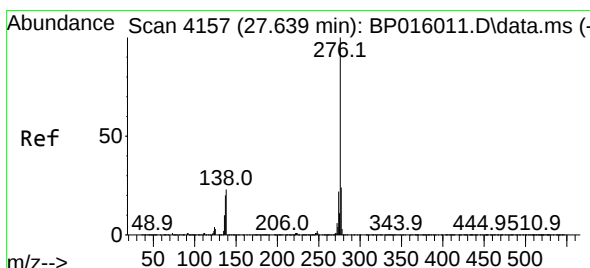
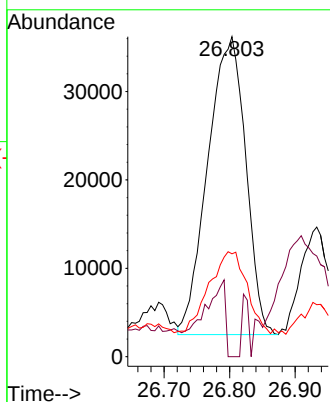
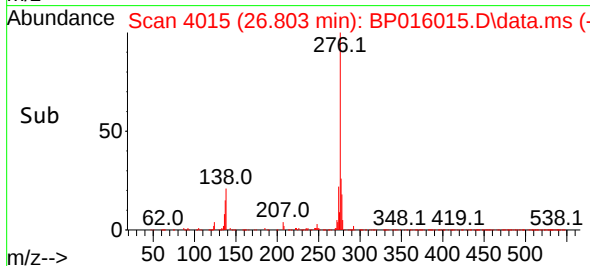
Instrument :
 BNA_P
 ClientSampleId :
 DCGF1



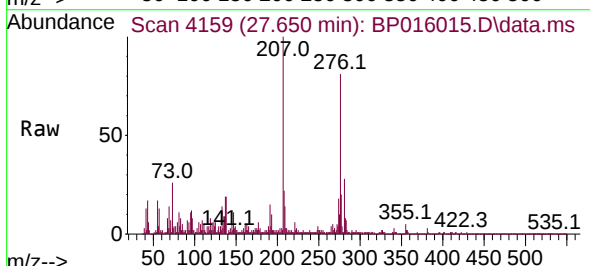
Tgt Ion: 278 Resp: 135397
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.5 15.7
 279 32.2 18.4 27.6

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 9.266 ng/ul
 RT: 27.650 min Scan# 4159
 Delta R.T. 0.024 min
 Lab File: BP016015.D
 Acq: 05 Jul 2023 15:51



Tgt Ion: 276 Resp: 526531
 Ion Ratio Lower Upper
 276 100
 138 23.8 15.1 22.7
 277 24.6 18.8 28.2

