

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
 Data File : BP016589.D
 Acq On : 15 Aug 2023 11:03
 Operator : MA/JU
 Sample : 03965-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48J3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 15 17:33:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	629892	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	2735120	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	1607834	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	3368407	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	2478450	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	2424009	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	35748	2.157	ng/uL	0.00
4) Pyridine-d5	3.840	84	51458	1.020	ng/u1	0.00
7) Phenol-d5	7.193	99	696495	11.994	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	456685	11.940	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	522550	12.528	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	477685	10.345	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	255666	13.285	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	258084	14.119	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	478104	13.291	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	306862	4.972	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1510079	12.985	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1759988	13.408	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	207026	8.739	ng/u1	0.00
60) Fluorene-d10	15.698	176	1362488	13.743	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	118771	7.412	ng/u1	0.00
73) Anthracene-d10	17.575	188	2058683	14.130	ng/u1	0.00
81) Pyrene-d10	19.804	212	2207272	16.997	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1683605	14.493	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.905	105	176605	2.368	ng/u1	99
72) Phenanthrene	17.516	178	648798	3.656	ng/u1	99
80) Fluoranthene	19.475	202	1416901	9.142	ng/u1	98
82) Pyrene	19.833	202	1234063	7.540	ng/u1	98
85) Benzo(a)anthracene	21.557	228	656058	3.939	ng/u1	96
87) Chrysene	21.610	228	743022	4.767	ng/u1	97
90) Benzo(b)fluoranthene	23.357	252	852653	5.908	ng/u1#	92
91) Benzo(k)fluoranthene	23.404	252	264385m	1.846	ng/u1	
93) Benzo(a)pyrene	24.045	252	520205	3.821	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	26.910	276	352272	2.192	ng/u1	98
96) Benzo(g,h,i)perylene	27.768	276	304197	2.379	ng/u1	99

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

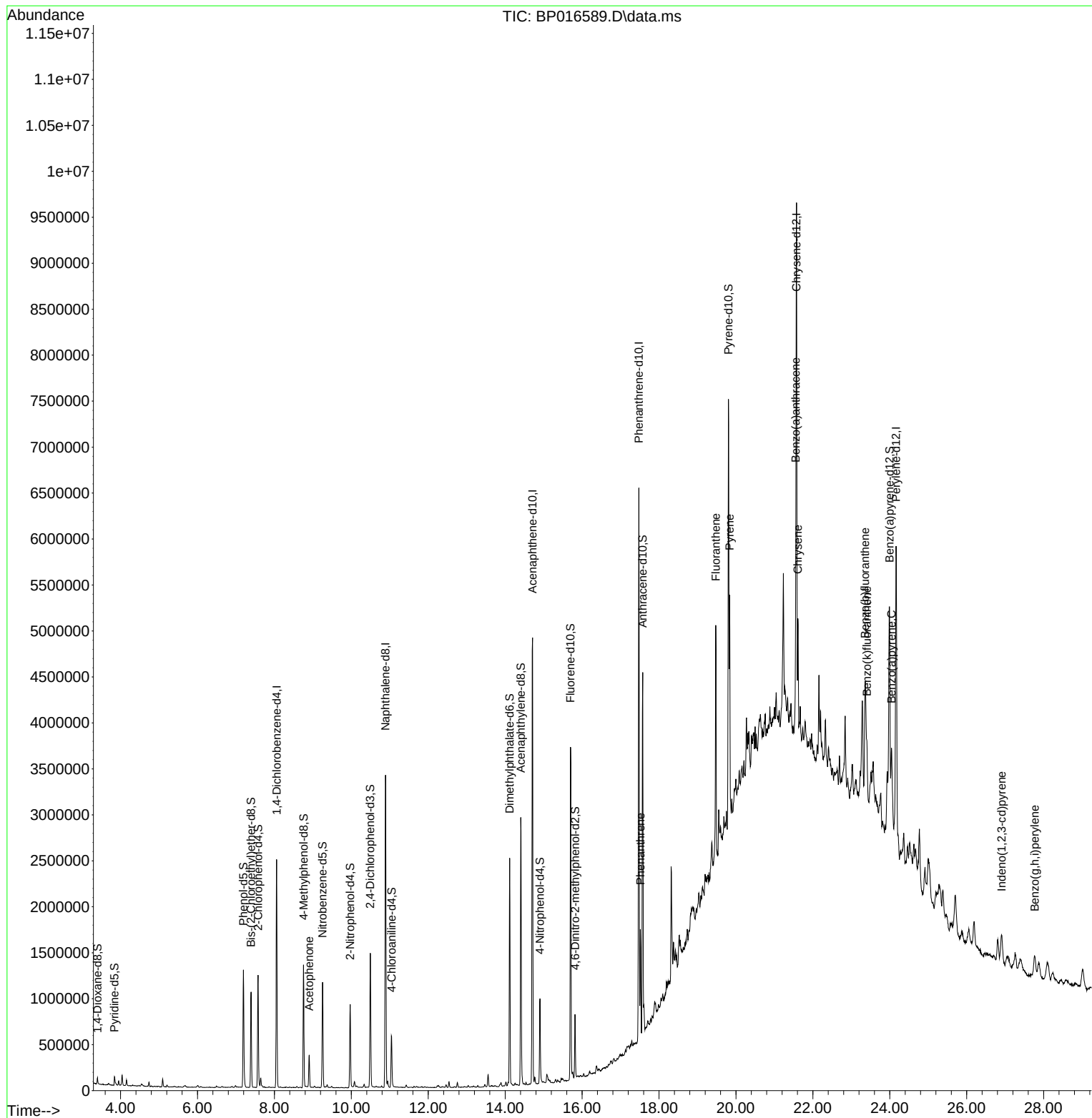
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
 Data File : BP016589.D
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 Operator : MA/JU
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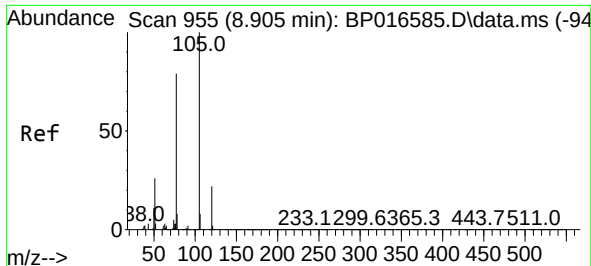
Instrument :
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 ClientSampleId :
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Quant Time: Aug 15 17:33:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
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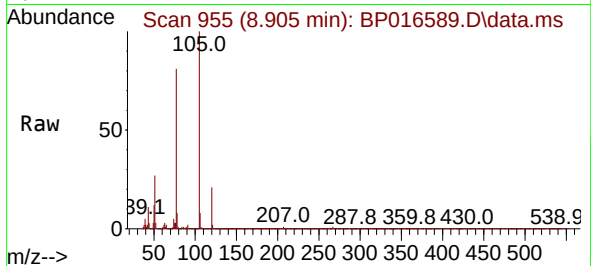
Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023





#16
Acetophenone
Concen: 2.368 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP016589.D
Acq: 15 Aug 2023 11:03

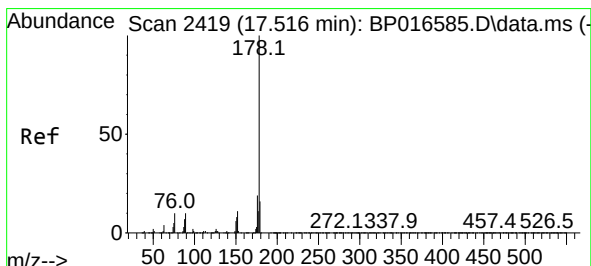
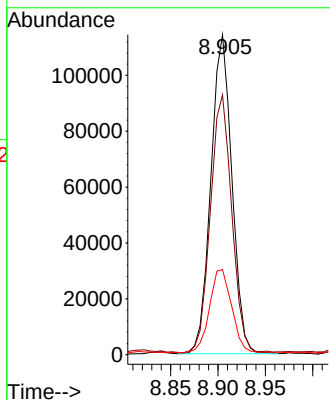
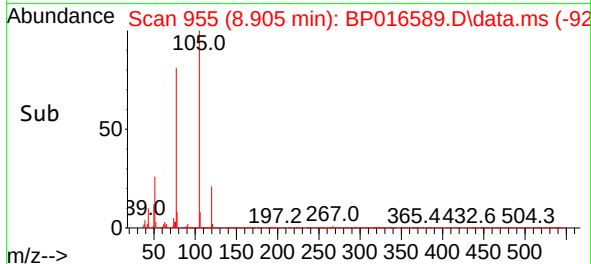
Instrument :
BNA_P
ClientSampleId :
A48J3



Tgt Ion:105 Resp: 176609
Ion Ratio Lower Upper
105 100
77 81.2 64.4 96.6
51 26.6 21.2 31.8

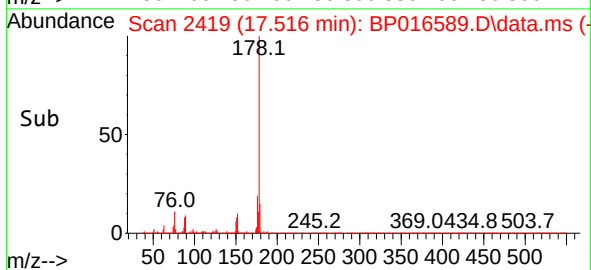
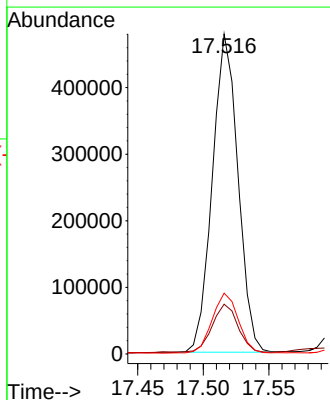
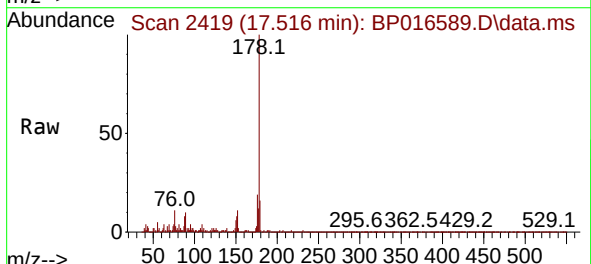
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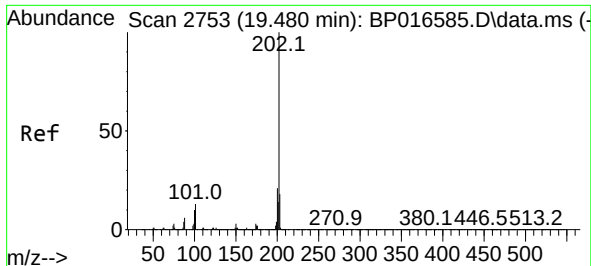
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#72
Phenanthrene
Concen: 3.656 ng/ul
RT: 17.516 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP016589.D
Acq: 15 Aug 2023 11:03

Tgt Ion:178 Resp: 648798
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.0 15.5 23.3





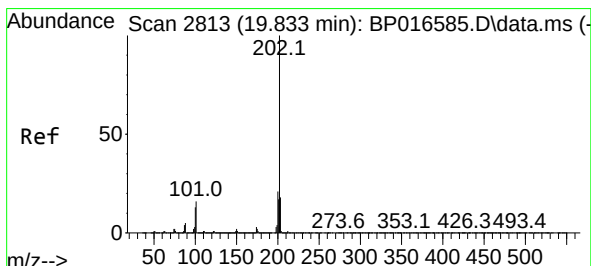
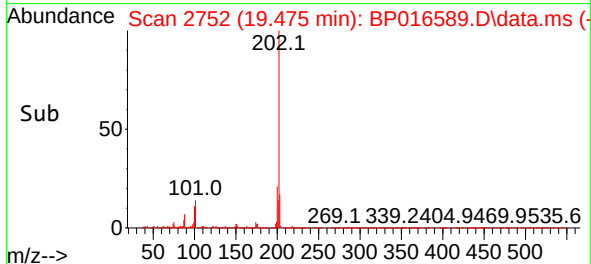
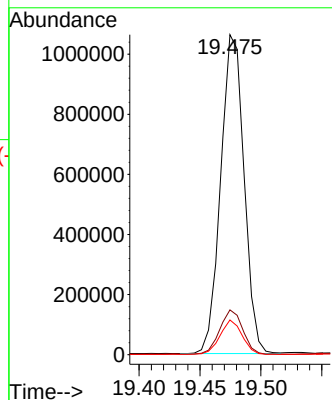
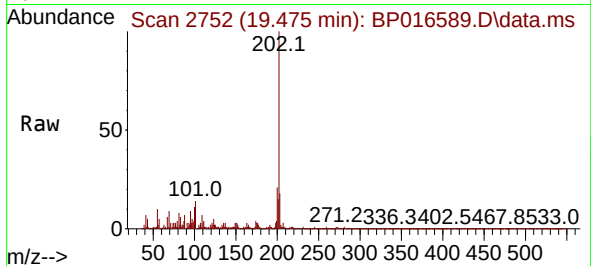
#80
Fluoranthene
Concen: 9.142 ng/u1
RT: 19.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016589.D
Acq: 15 Aug 2023 11:03

Instrument :
BNA_P
ClientSampleId :
A48J3

Tgt Ion:202 Resp: 141690
Ion Ratio Lower Upper
202 100
101 14.0 10.6 16.0
100 10.8 8.1 12.1

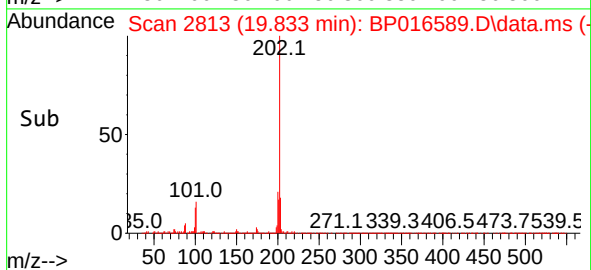
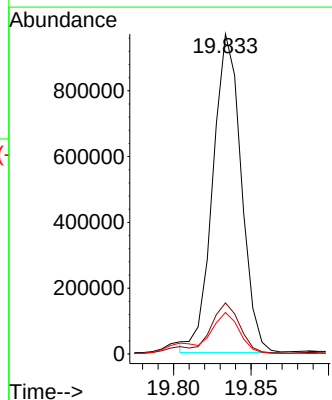
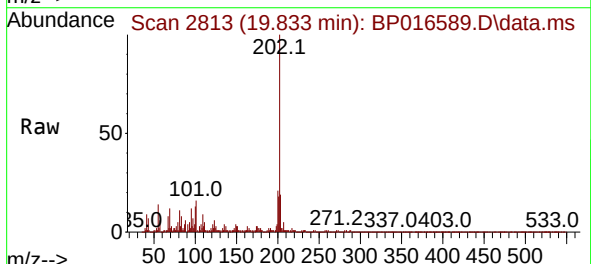
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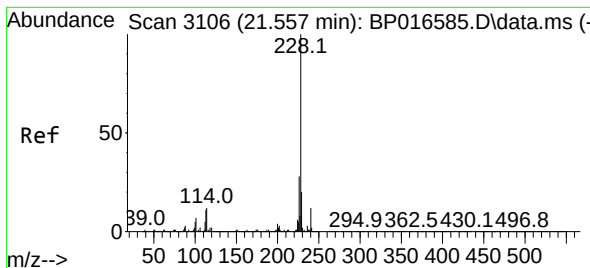
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#82
Pyrene
Concen: 7.540 ng/u1
RT: 19.833 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BP016589.D
Acq: 15 Aug 2023 11:03

Tgt Ion:202 Resp: 1234063
Ion Ratio Lower Upper
202 100
101 15.9 13.4 20.2
100 12.9 11.0 16.4





#85

Benzo(a)anthracene

Concen: 3.939 ng/u1

RT: 21.557 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP016589.D

Acq: 15 Aug 2023 11:03

Instrument :

BNA_P

ClientSampleId :

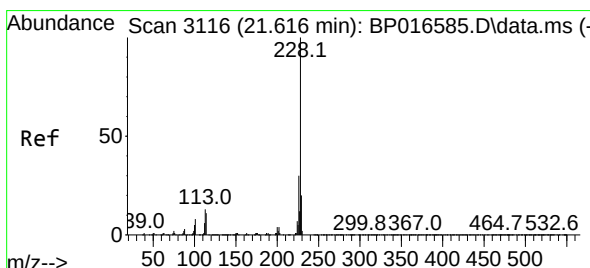
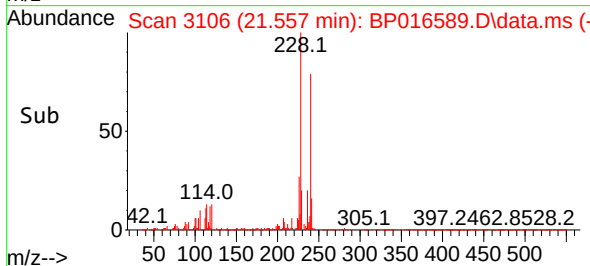
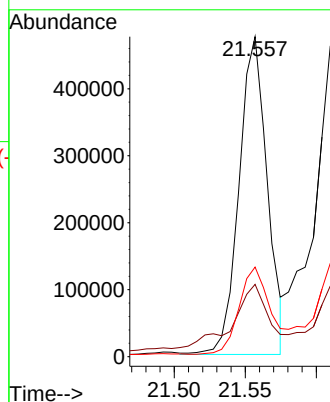
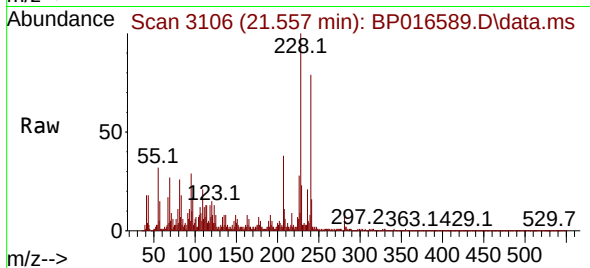
A48J3

Tgt Ion:228 Resp: 656058
 Ion Ratio Lower Upper
 228 100
 229 22.6 15.8 23.6
 226 28.0 21.8 32.6

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#87

Chrysene

Concen: 4.767 ng/u1

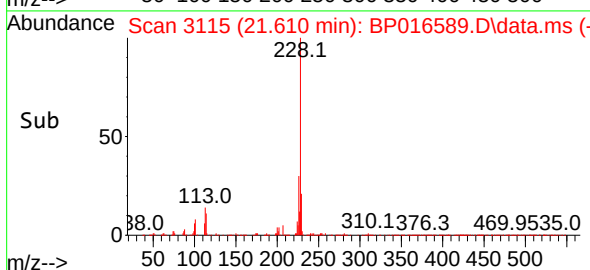
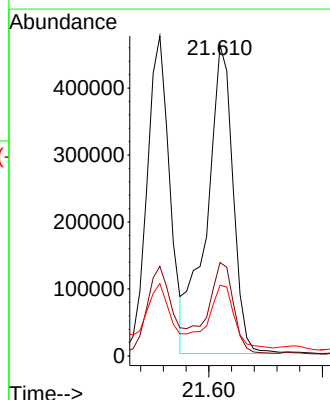
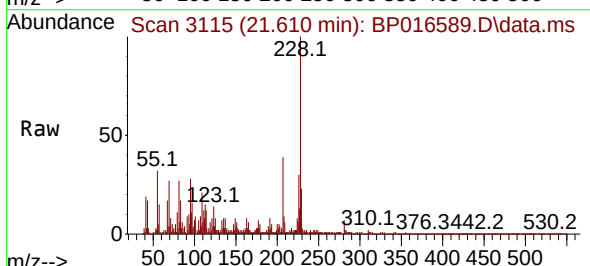
RT: 21.610 min Scan# 3115

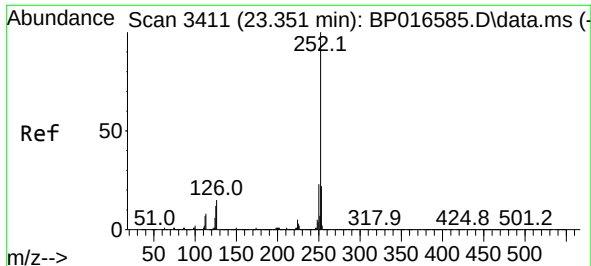
Delta R.T. 0.000 min

Lab File: BP016589.D

Acq: 15 Aug 2023 11:03

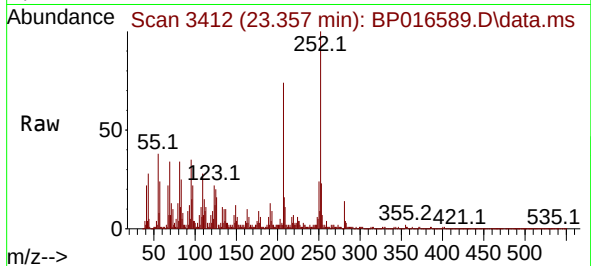
Tgt Ion:228 Resp: 743022
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.6 36.8
 229 22.7 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 5.908 ng/ul
RT: 23.357 min Scan# 3411
Delta R.T. 0.006 min
Lab File: BP016589.D
Acq: 15 Aug 2023 11:03

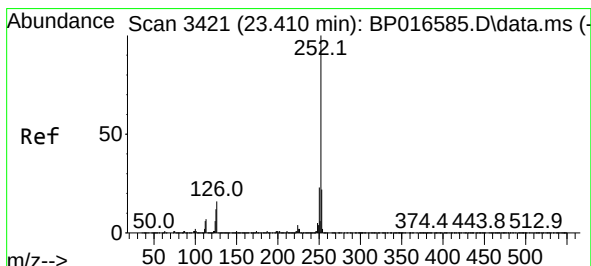
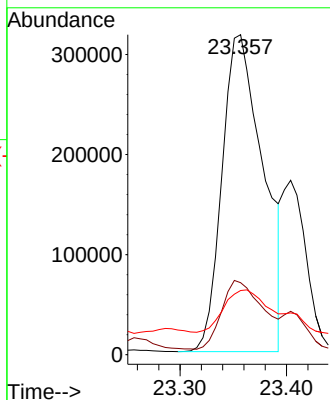
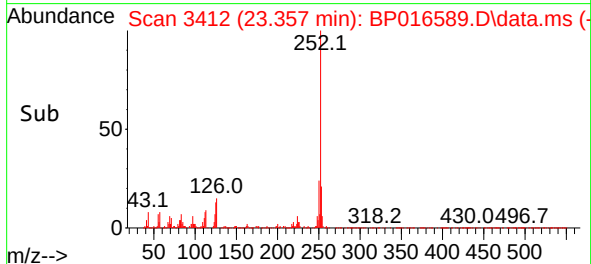
Instrument :
BNA_P
ClientSampleId :
A48J3



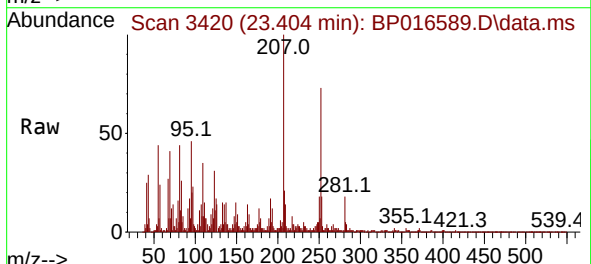
Tgt Ion:252 Resp: 85265
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 20.1 10.0 15.0

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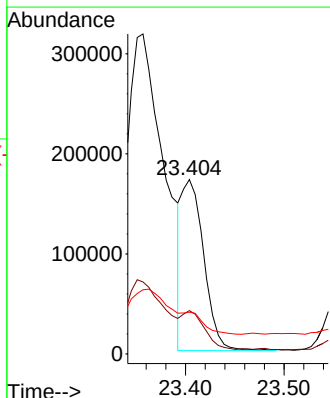
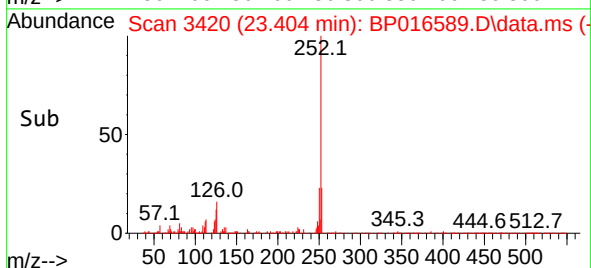
Reviewed By :Yogesh Patel 08/16/2023
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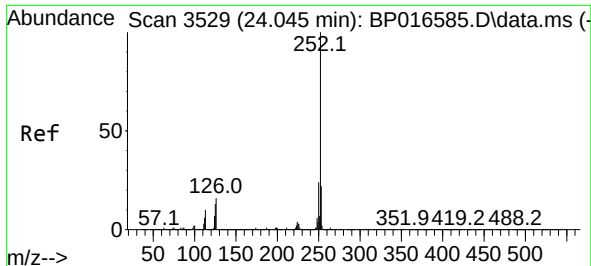


#91
Benzo(k)fluoranthene
Concen: 1.846 ng/ul m
RT: 23.404 min Scan# 3420
Delta R.T. 0.000 min
Lab File: BP016589.D
Acq: 15 Aug 2023 11:03



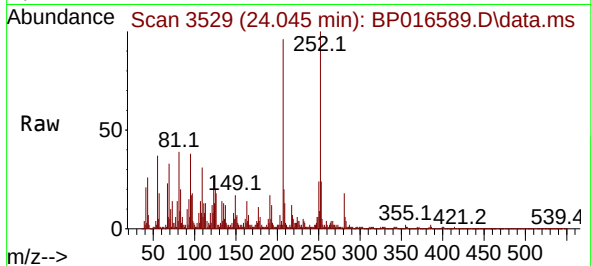
Tgt Ion:252 Resp: 264385
Ion Ratio Lower Upper
252 100
253 24.9 18.0 27.0
125 23.9 9.8 14.8





#93
Benzo(a)pyrene
Concen: 3.821 ng/ul
RT: 24.045 min Scan# 3529
Delta R.T. 0.006 min
Lab File: BP016589.D
Acq: 15 Aug 2023 11:03

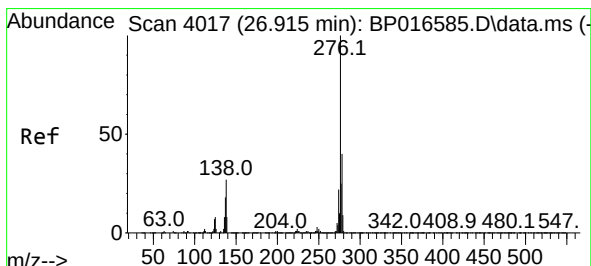
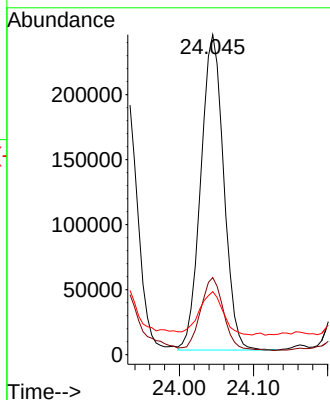
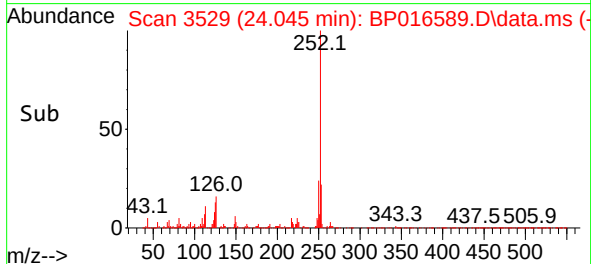
Instrument :
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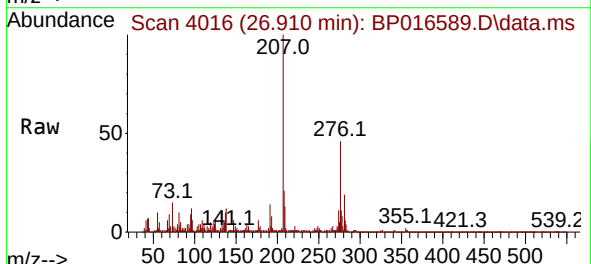
Tgt Ion: 252 Resp: 52020
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 19.7 10.6 15.8

Manual Integrations
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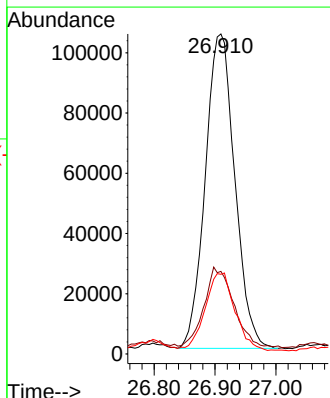
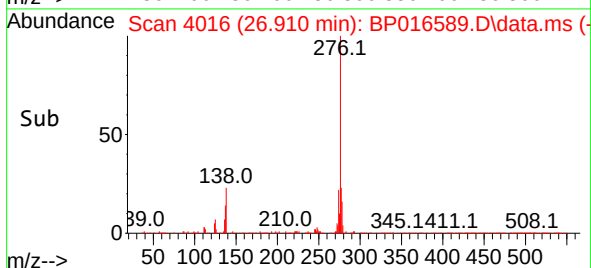
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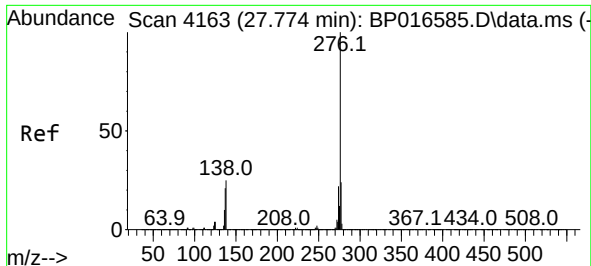


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.192 ng/ul
RT: 26.910 min Scan# 4016
Delta R.T. 0.000 min
Lab File: BP016589.D
Acq: 15 Aug 2023 11:03



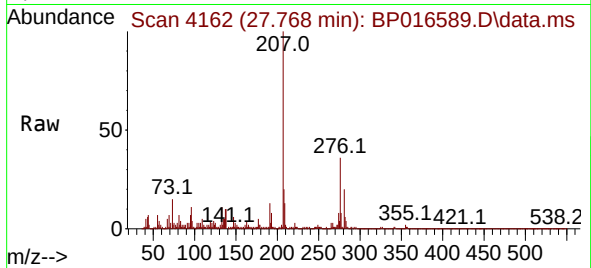
Tgt Ion: 276 Resp: 352272
Ion Ratio Lower Upper
276 100
138 25.8 21.7 32.5
277 24.9 19.5 29.3





#96
 Benzo(g,h,i)perylene
 Concen: 2.379 ng/ul
 RT: 27.768 min Scan# 4162
 Delta R.T. -0.006 min
 Lab File: BP016589.D
 Acq: 15 Aug 2023 11:03

Instrument :
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Tgt Ion:	276	Resp:	30419
Ion Ratio	Lower	Upper	
276	100		
138	27.0	21.5	32.3
277	22.9	19.3	28.9

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