

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016569.D
 Acq On : 14 Aug 2023 19:33
 Operator : MA/JU
 Sample : 03965-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48H9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 14 23:57:22 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	8.064	152	303104	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	1346935	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	795493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	1725089	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1470648	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1528125	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	27351	3.429	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.199	99	457221	16.362	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	361450	19.639	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	399941	19.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	268286	12.074	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	205885	21.724	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	205180	22.794	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	362133	20.443	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	112903	3.715	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1153863	20.054	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1365187	21.021	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	177173	15.116	ng/ul	0.00
60) Fluorene-d10	15.704	176	1040792	21.218	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	88056	10.730	ng/ul	0.00
73) Anthracene-d10	17.575	188	1556191	20.855	ng/ul	0.00
81) Pyrene-d10	19.804	212	1784299	23.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1570359	21.443	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.228	94	45591	1.526	ng/ul	97
16) Acetophenone	8.905	105	211678	5.899	ng/ul	99
72) Phenanthrene	17.516	178	441075	4.853	ng/ul	100
80) Fluoranthene	19.475	202	1346217	14.637	ng/ul	99
82) Pyrene	19.834	202	1131197	11.648	ng/ul	97
85) Benzo(a)anthracene	21.551	228	542267	5.486	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.433	149	168253	2.963	ng/ul#	99
87) Chrysene	21.610	228	714022	7.720	ng/ul	98
90) Benzo(b)fluoranthene	23.351	252	1005147	11.047	ng/ul#	92
91) Benzo(k)fluoranthene	23.404	252	347989m	3.855	ng/ul	
93) Benzo(a)pyrene	24.039	252	572827	6.674	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.904	276	446090	4.404	ng/ul	97
95) Dibenzo(a,h)anthracene	26.933	278	103902	1.232	ng/ul#	90
96) Benzo(g,h,i)perylene	27.768	276	387680	4.808	ng/ul	98

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

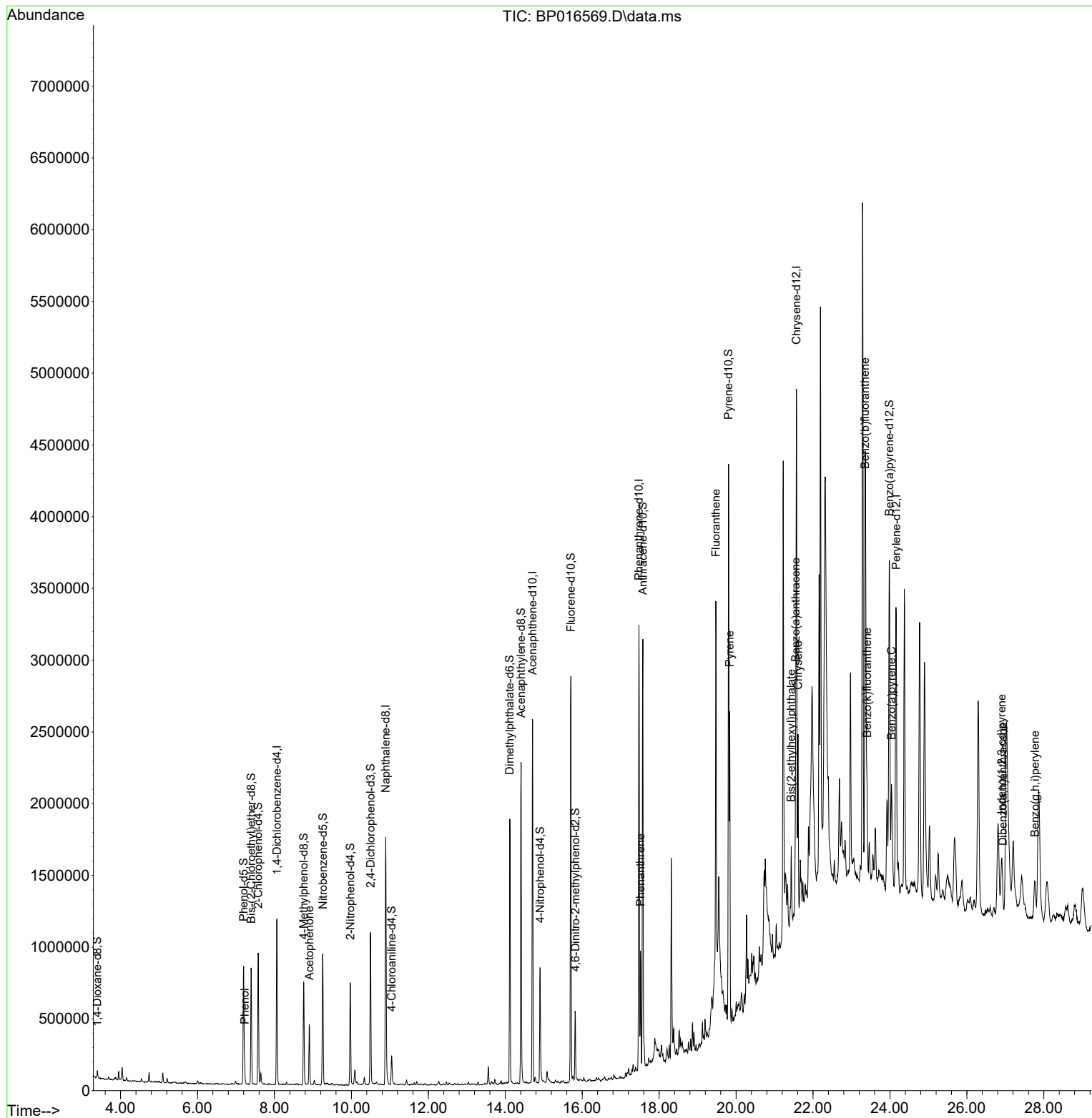
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016569.D
 Acq On : 14 Aug 2023 19:33
 Operator : MA/JU
 Sample : 03965-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

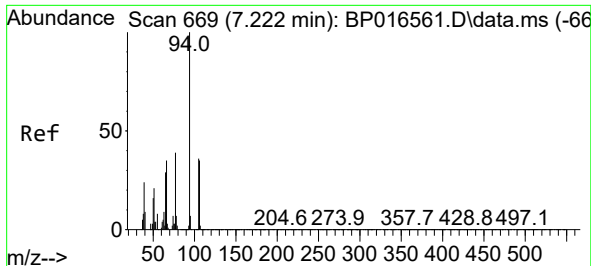
Instrument :
 BNA_P
 ClientSampleId :
 A48H9

Quant Time: Aug 14 23:57:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
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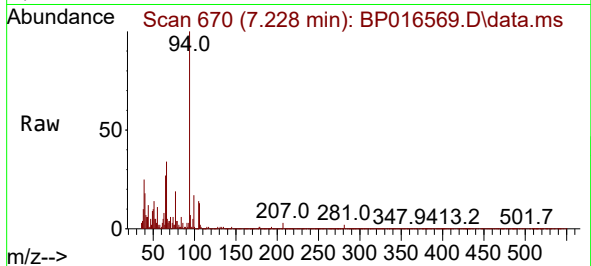
Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023





#8
Phenol
Concen: 1.526 ng/ul
RT: 7.228 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33

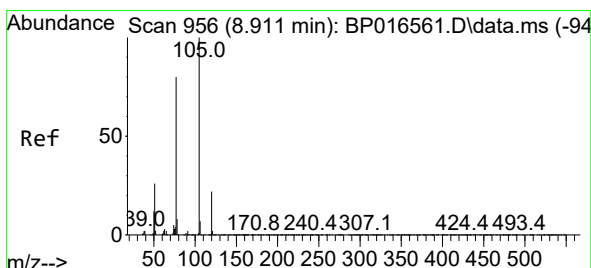
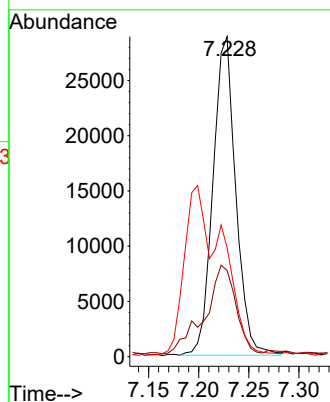
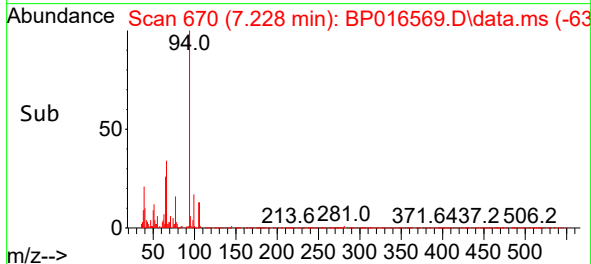
Instrument :
BNA_P
ClientSampleId :
A48H9



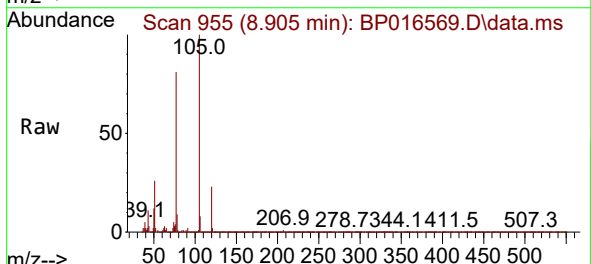
Tgt Ion: 94 Resp: 4559
Ion Ratio Lower Upper
94 100
65 27.0 22.3 33.5
66 34.1 28.7 43.1

Manual Integrations
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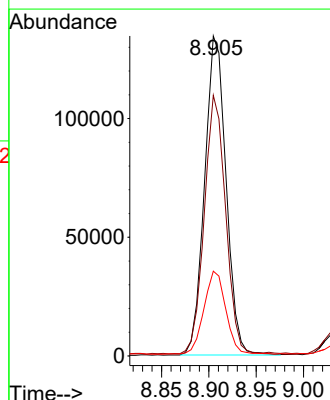
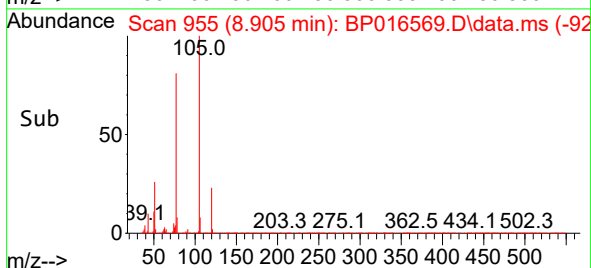
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

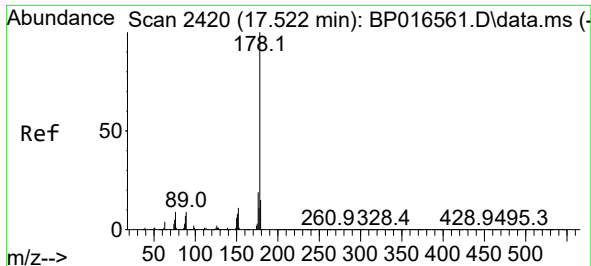


#16
Acetophenone
Concen: 5.899 ng/ul
RT: 8.905 min Scan# 955
Delta R.T. -0.006 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33



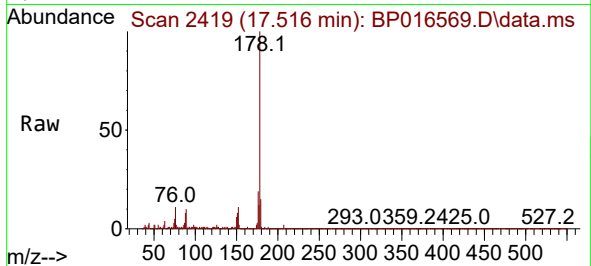
Tgt Ion:105 Resp: 211678
Ion Ratio Lower Upper
105 100
77 81.4 64.4 96.6
51 26.5 21.2 31.8





#72
Phenanthrene
Concen: 4.853 ng/ul
RT: 17.516 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33

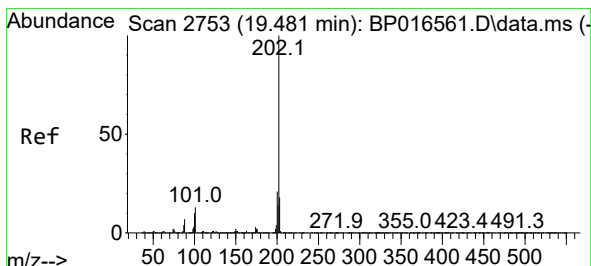
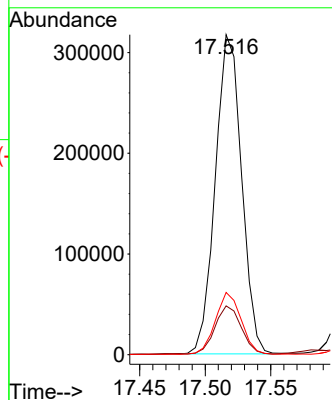
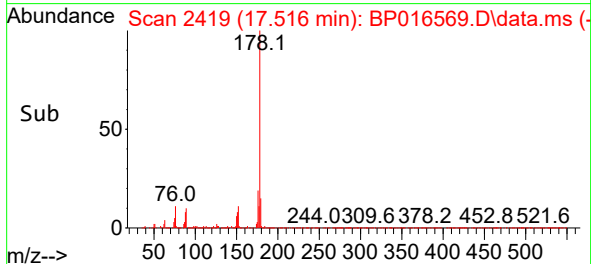
Instrument :
BNA_P
ClientSampleId :
A48H9



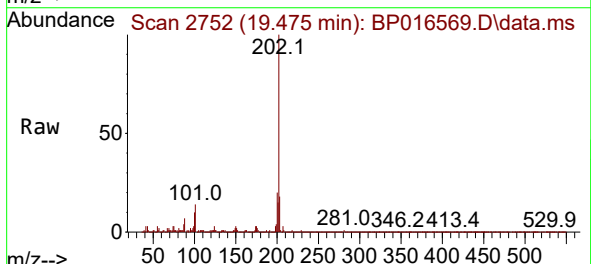
Tgt Ion:178 Resp: 441075
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.5 15.5 23.3

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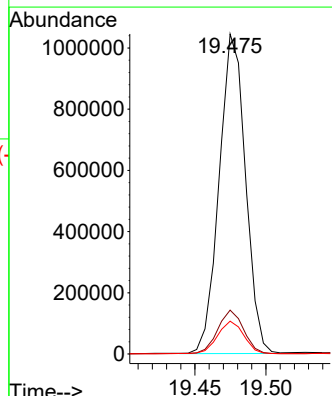
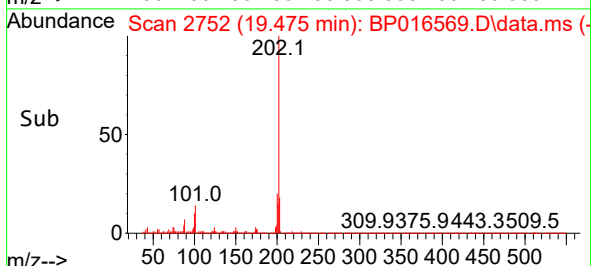
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

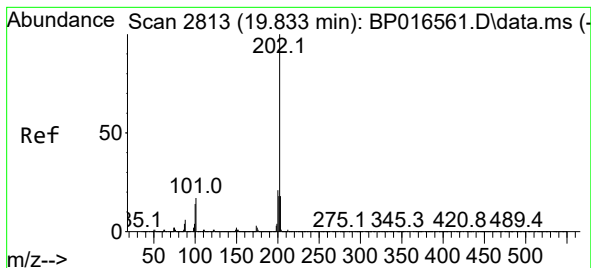


#80
Fluoranthene
Concen: 14.637 ng/ul
RT: 19.475 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33



Tgt Ion:202 Resp: 1346217
Ion Ratio Lower Upper
202 100
101 13.7 10.6 16.0
100 10.3 8.1 12.1





#82

Pyrene

Concen: 11.648 ng/ul

RT: 19.834 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016569.D

Acq: 14 Aug 2023 19:33

Instrument :

BNA_P

ClientSampleId :

A48H9

Tgt Ion:202 Resp: 113119

Ion Ratio Lower Upper

202 100

101 15.4 13.4 20.2

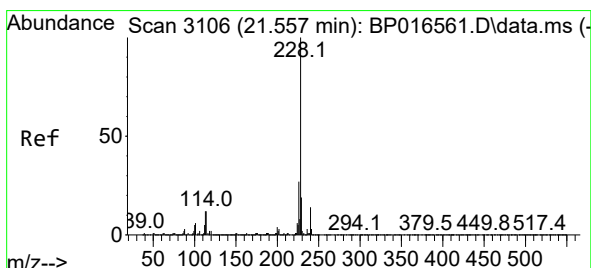
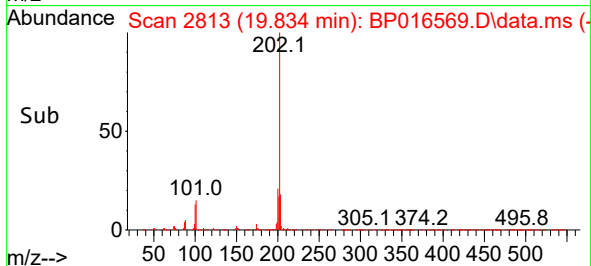
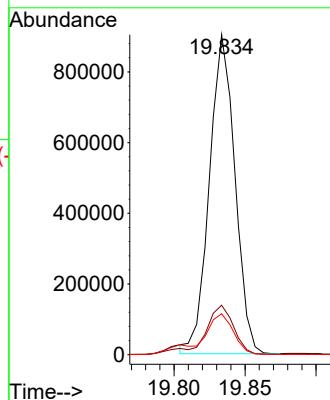
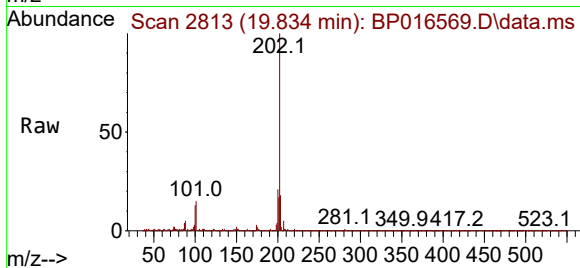
100 12.8 11.0 16.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#85

Benzo(a)anthracene

Concen: 5.486 ng/ul

RT: 21.551 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP016569.D

Acq: 14 Aug 2023 19:33

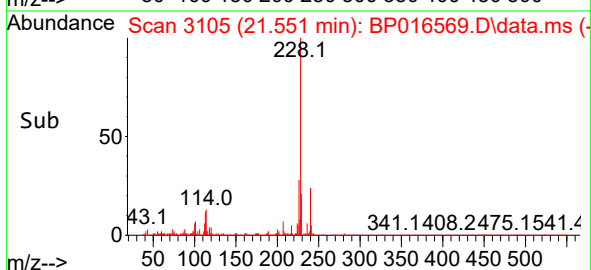
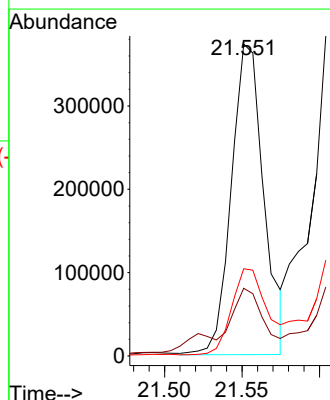
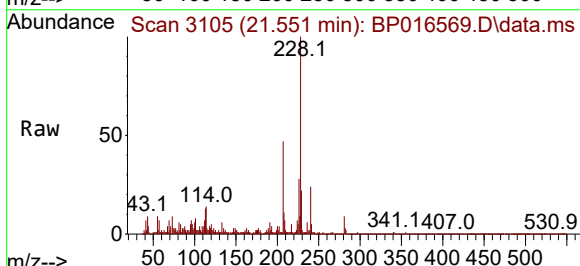
Tgt Ion:228 Resp: 542267

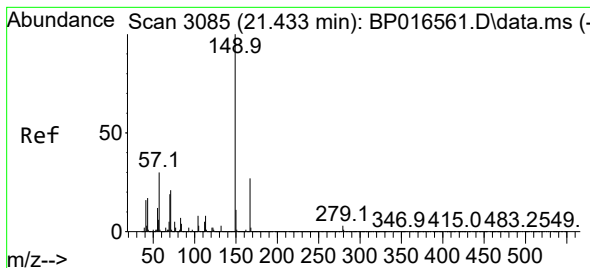
Ion Ratio Lower Upper

228 100

229 21.7 15.8 23.6

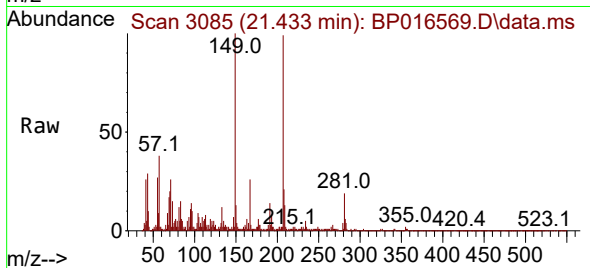
226 27.9 21.8 32.6





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.963 ng/ul
RT: 21.433 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33

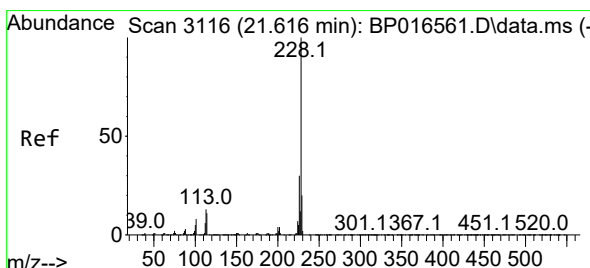
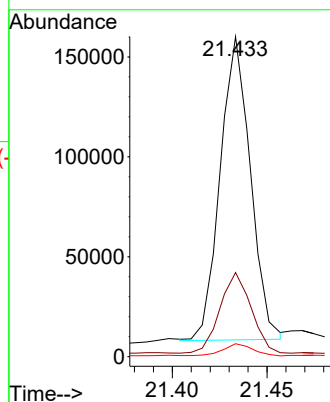
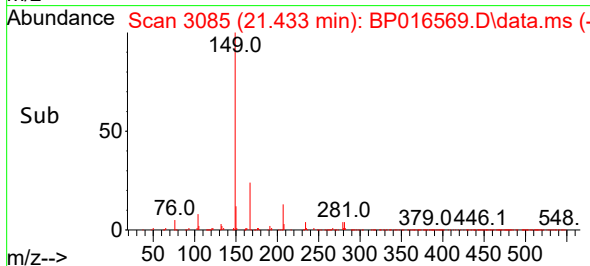
Instrument :
BNA_P
ClientSampleId :
A48H9



Tgt Ion:149 Resp: 16825
Ion Ratio Lower Upper
149 100
167 26.3 20.9 31.3
279 4.1 2.6 4.0

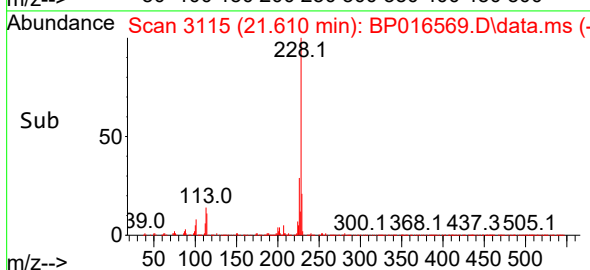
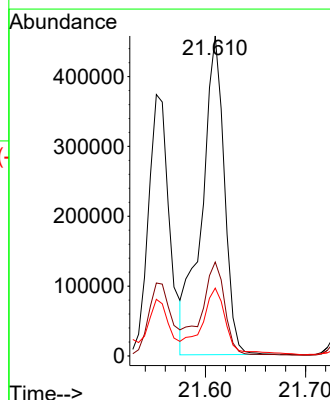
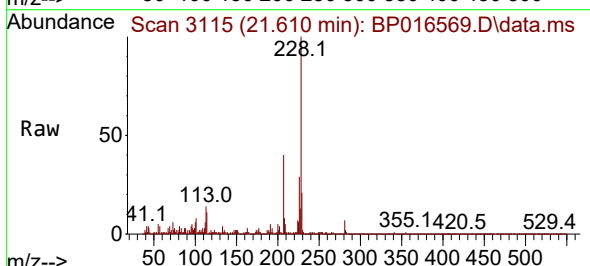
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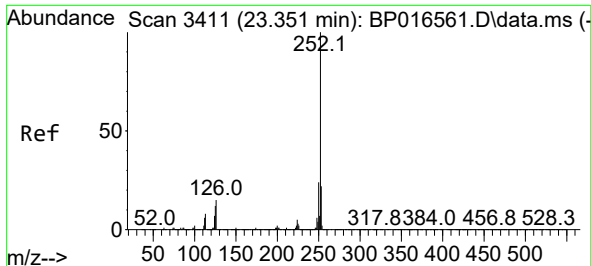
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#87
Chrysene
Concen: 7.720 ng/ul
RT: 21.610 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33

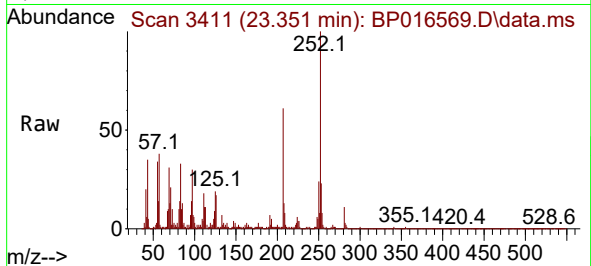
Tgt Ion:228 Resp: 714022
Ion Ratio Lower Upper
228 100
226 29.3 24.6 36.8
229 21.2 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 11.047 ng/ul
RT: 23.351 min Scan# 3411
Delta R.T. 0.000 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33

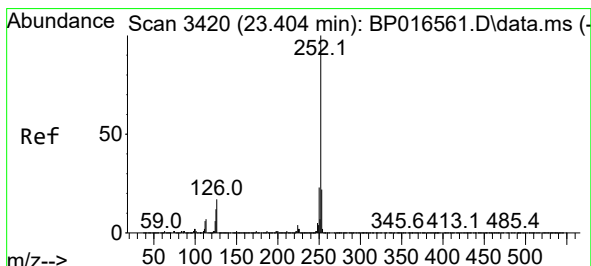
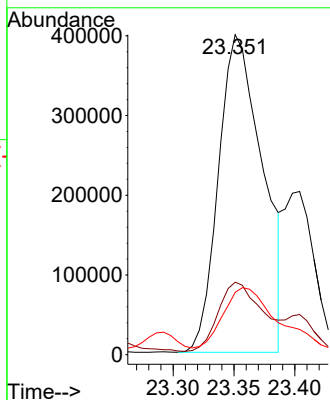
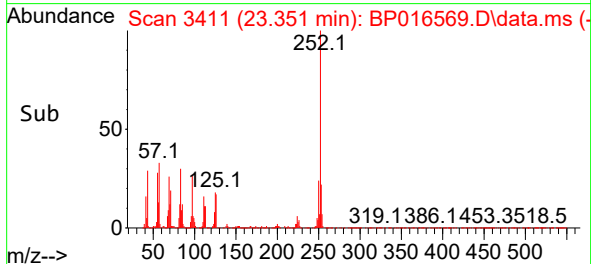
Instrument :
BNA_P
ClientSampleId :
A48H9



Tgt Ion:252 Resp: 100514
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 19.4 10.0 15.0

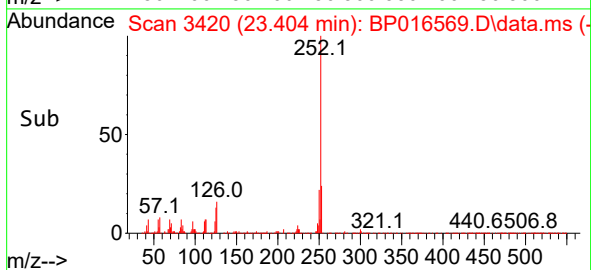
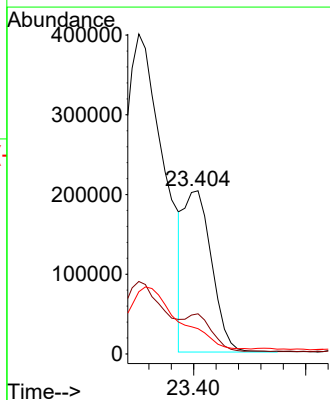
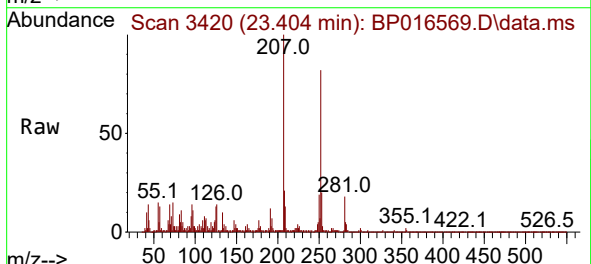
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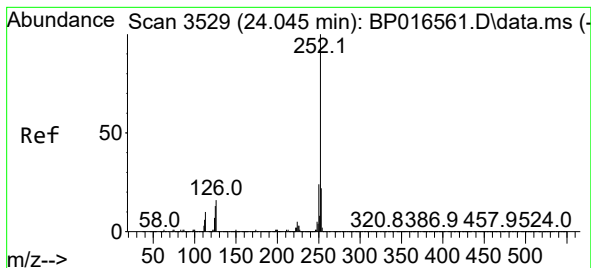
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#91
Benzo(k)fluoranthene
Concen: 3.855 ng/ul m
RT: 23.404 min Scan# 3420
Delta R.T. 0.000 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33

Tgt Ion:252 Resp: 347989
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 15.5 9.8 14.8





#93

Benzo(a)pyrene

Concen: 6.674 ng/ul

RT: 24.039 min Scan# 3529

Delta R.T. 0.000 min

Lab File: BP016569.D

Acq: 14 Aug 2023 19:33

Instrument :

BNA_P

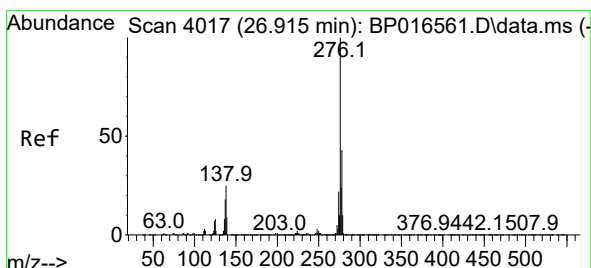
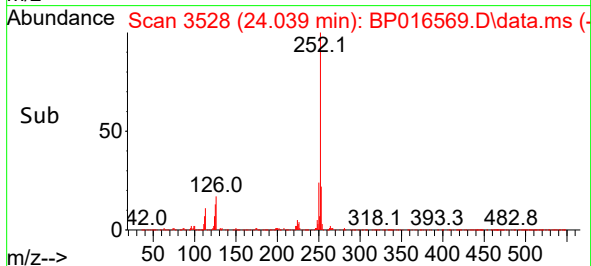
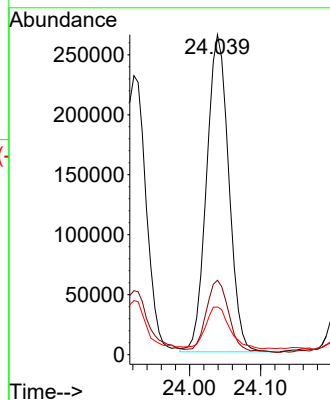
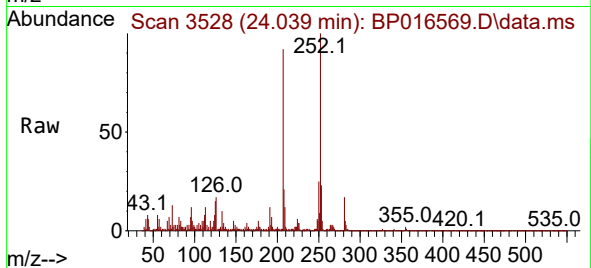
ClientSampleId :

A48H9

Tgt Ion:252 Resp: 57282
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.7 26.5
 125 14.9 10.6 15.8

Manual Integrations
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Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.404 ng/ul

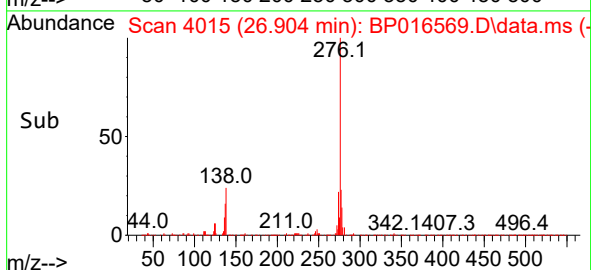
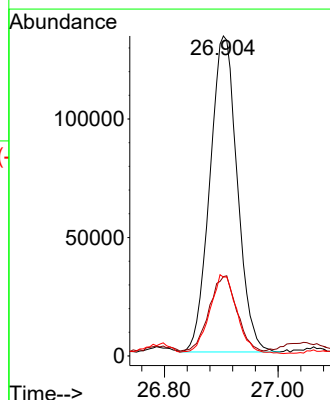
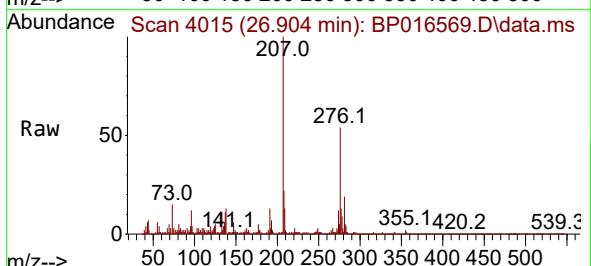
RT: 26.904 min Scan# 4015

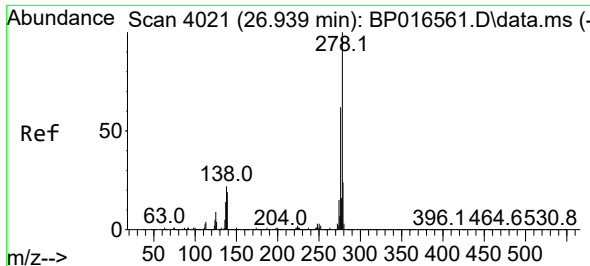
Delta R.T. -0.006 min

Lab File: BP016569.D

Acq: 14 Aug 2023 19:33

Tgt Ion:276 Resp: 446090
 Ion Ratio Lower Upper
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 138 24.8 21.7 32.5
 277 24.7 19.5 29.3





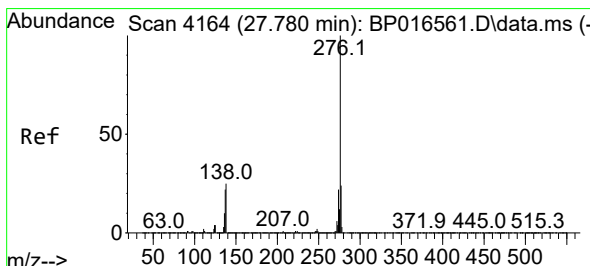
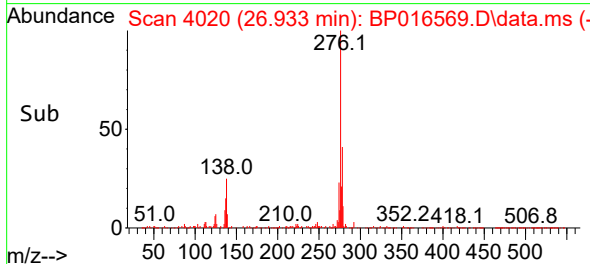
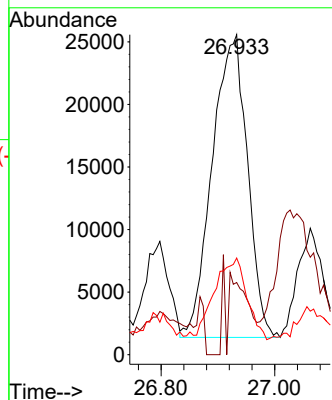
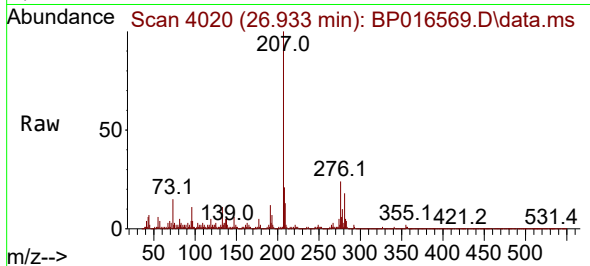
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Dibenzo(a,h)anthracene
Concen: 1.232 ng/ul
RT: 26.933 min Scan# 4021
Delta R.T. -0.006 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33

Instrument :
BNA_P
ClientSampleId :
A48H9

Tgt Ion:278 Resp: 103902
Ion Ratio Lower Upper
278 100
139 22.6 15.5 23.3
279 30.2 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#96
Benzo(g,h,i)perylene
Concen: 4.808 ng/ul
RT: 27.768 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BP016569.D
Acq: 14 Aug 2023 19:33

Tgt Ion:276 Resp: 387680
Ion Ratio Lower Upper
276 100
138 26.0 21.5 32.3
277 25.1 19.3 28.9

