

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016568.D
 Acq On : 14 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03965-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48H7

Manual Integrations
 APPROVED

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

Quant Time: Aug 14 23:52:15 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	8.063	152	594209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	2569732	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1457391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	2953240	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1978481	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1908535	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	42934	2.746	ng/uL	0.00
4) Pyridine-d5	3.858	84	20649m	0.434	ng/ul	0.02
7) Phenol-d5	7.199	99	493241	9.004	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	584240	16.192	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	601752	15.293	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	199933	4.590	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	321280	17.769	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	321980	18.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	515173	15.243	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	15883	0.274	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1718943	16.307	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	2030738	17.068	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	83098	3.870	ng/ul	0.00
60) Fluorene-d10	15.704	176	1498313	16.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	152113	10.827	ng/ul	0.00
73) Anthracene-d10	17.575	188	2139231	16.746	ng/ul	0.00
81) Pyrene-d10	19.804	212	2237568	21.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1555150	17.003	ng/ul	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	7.211	77	136117	4.507	ng/ul	97
8) Phenol	7.222	94	85972	1.468	ng/ul	98
16) Acetophenone	8.905	105	379836	5.400	ng/ul	98
72) Phenanthrene	17.516	178	785980	5.052	ng/ul	99
78) Di-n-butylphthalate	18.404	149	186619	1.119	ng/ul	99
80) Fluoranthene	19.475	202	1663143	13.442	ng/ul	99
82) Pyrene	19.833	202	1435770	10.989	ng/ul	99
85) Benzo(a)anthracene	21.551	228	617970	4.648	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	153915	2.015	ng/ul	99
87) Chrysene	21.610	228	680319	5.468	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	840754	7.398	ng/ul#	62
91) Benzo(k)fluoranthene	23.398	252	253656	2.250	ng/ul#	85
93) Benzo(a)pyrene	24.039	252	519167	4.843	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.904	276	381132	3.012	ng/ul	97
96) Benzo(g,h,i)perylene	27.762	276	352364	3.499	ng/ul	99

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

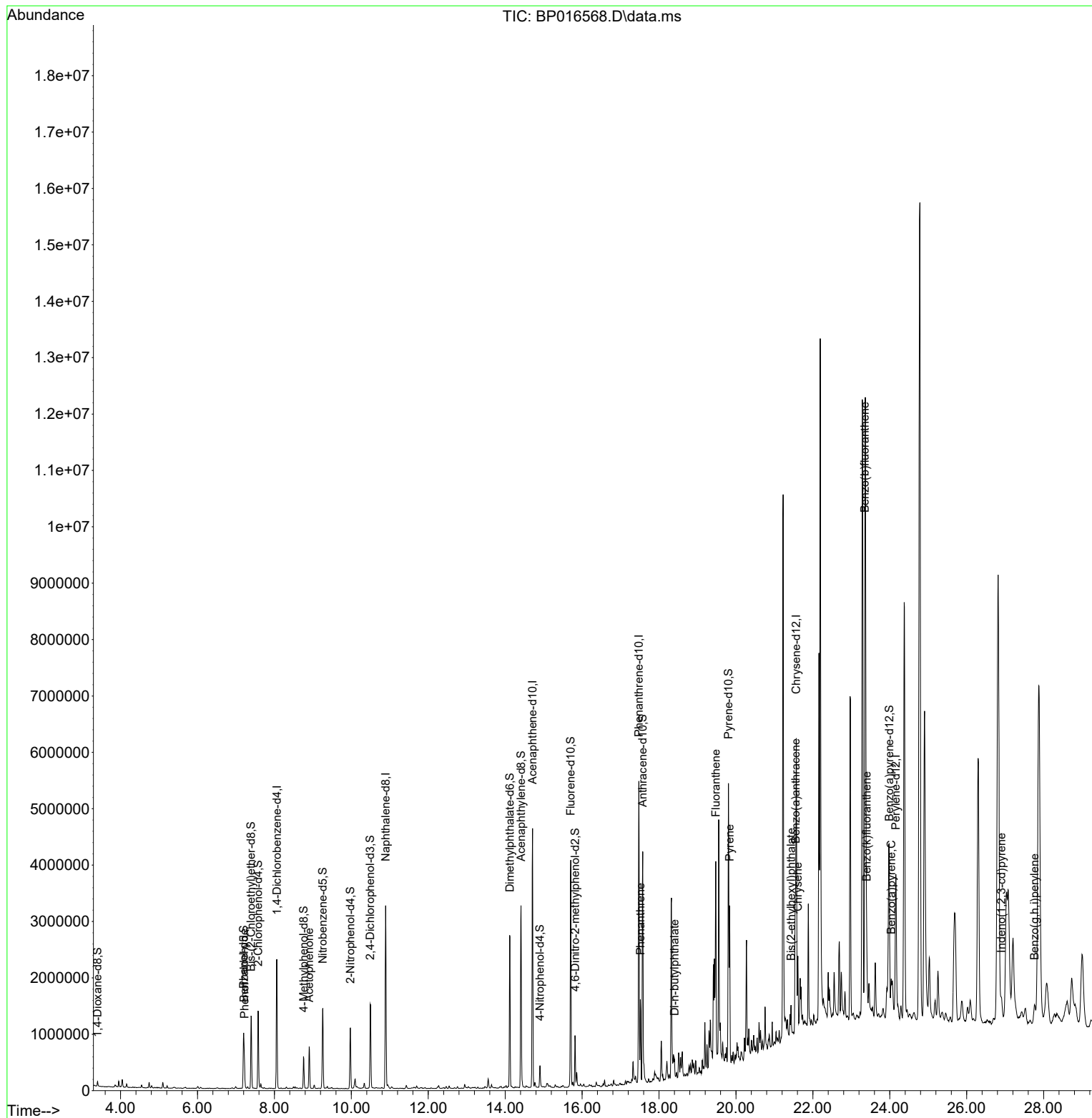
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016568.D
Acq On : 14 Aug 2023 18:59
Operator : MA/JU
Sample : 03965-07
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ALS Vial : 18 Sample Multiplier: 1

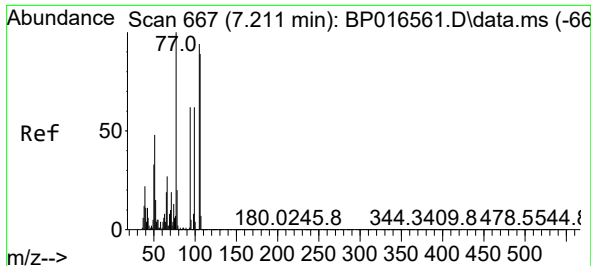
Instrument :
BNA_P
ClientSampleId :
A48H7

Quant Time: Aug 14 23:52:15 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

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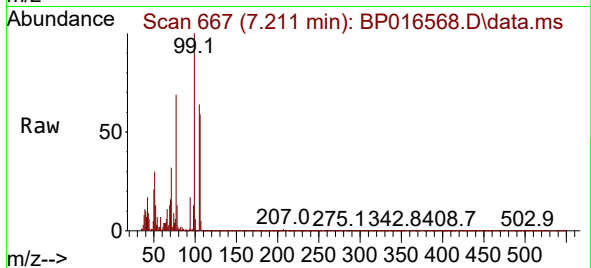
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023





#6
Benzaldehyde
Concen: 4.507 ng/ul
RT: 7.211 min Scan# 667
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

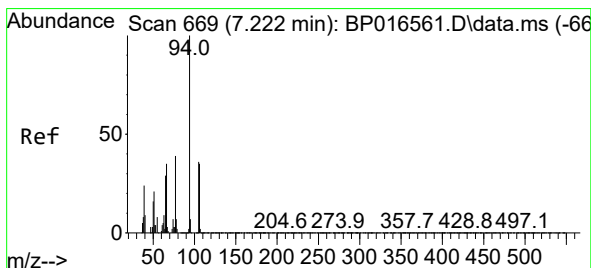
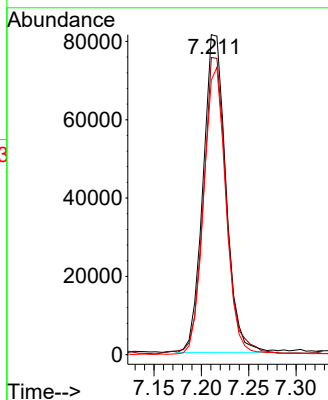
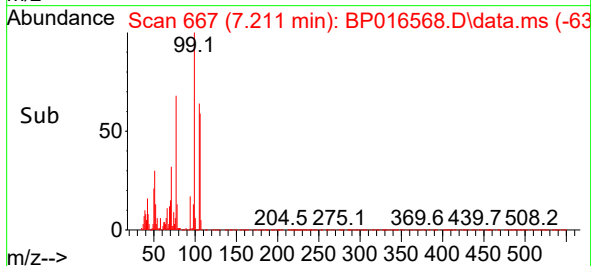
Instrument :
BNA_P
ClientSampleId :
A48H7



Tgt Ion: 77 Resp: 13611
Ion Ratio Lower Upper
77 100
105 92.9 71.8 107.6
106 85.8 70.2 105.2

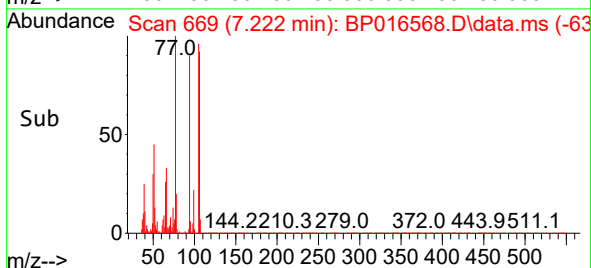
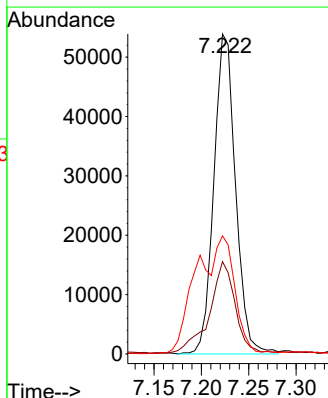
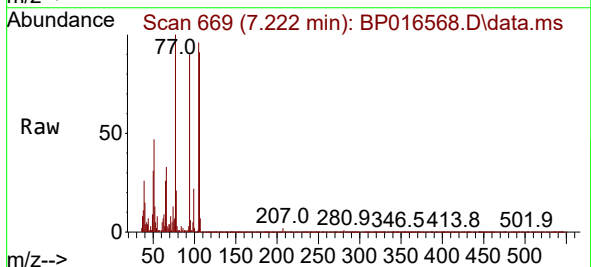
Manual Integrations
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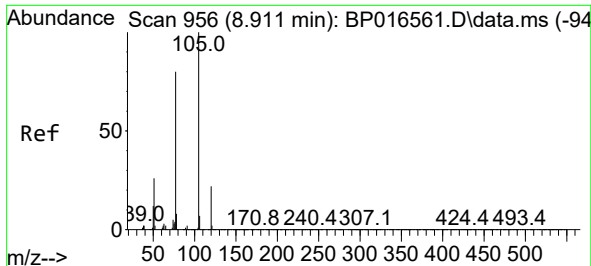
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#8
Phenol
Concen: 1.468 ng/ul
RT: 7.222 min Scan# 669
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

Tgt Ion: 94 Resp: 85972
Ion Ratio Lower Upper
94 100
65 28.9 22.3 33.5
66 36.9 28.7 43.1





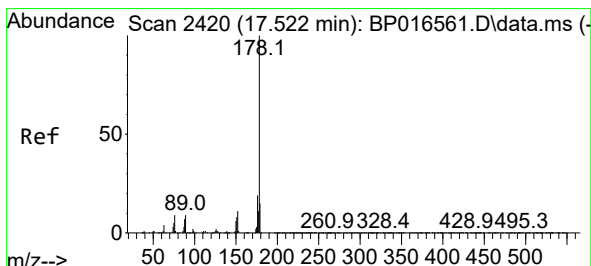
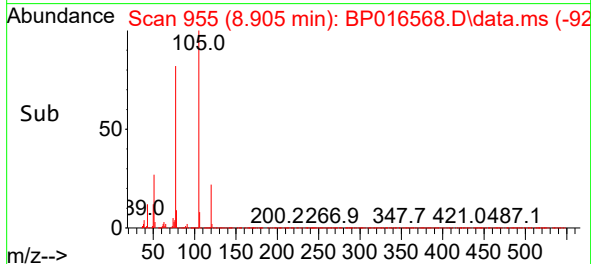
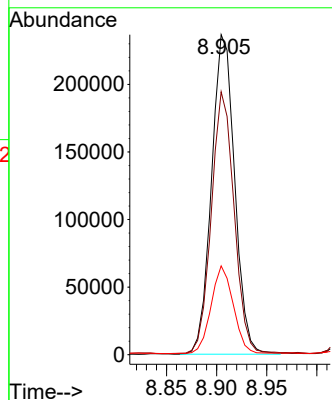
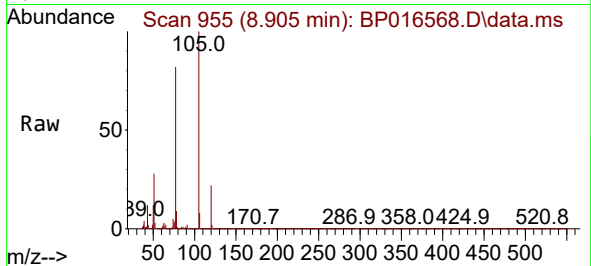
#16
Acetophenone
Concen: 5.400 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

Instrument :
BNA_P
ClientSampleId :
A48H7

Tgt Ion:105 Resp: 379830
Ion Ratio Lower Upper
105 100
77 82.2 64.4 96.6
51 27.7 21.2 31.8

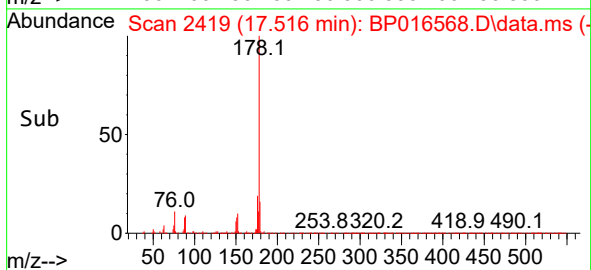
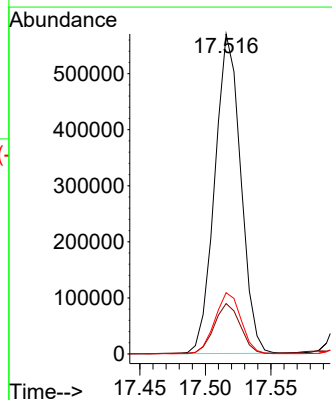
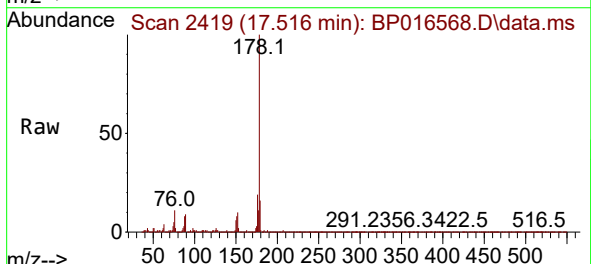
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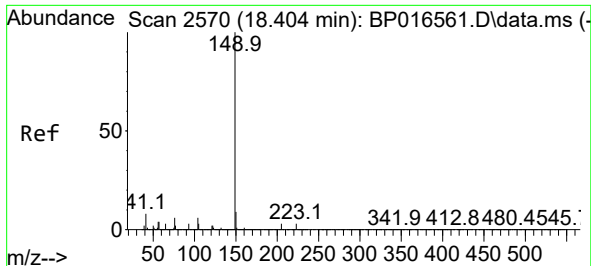
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#72
Phenanthrene
Concen: 5.052 ng/ul
RT: 17.516 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

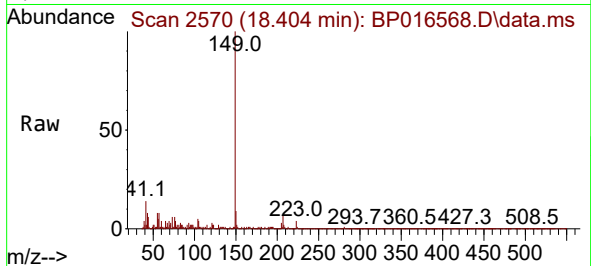
Tgt Ion:178 Resp: 785980
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 15.5 23.3





#78
Di-n-butylphthalate
Concen: 1.119 ng/ul
RT: 18.404 min Scan# 2570
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

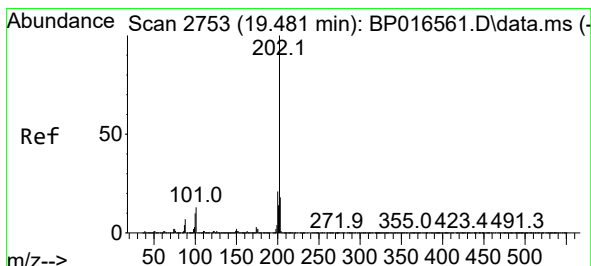
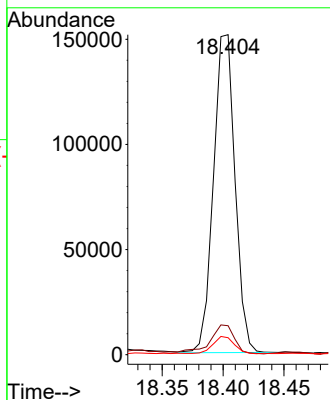
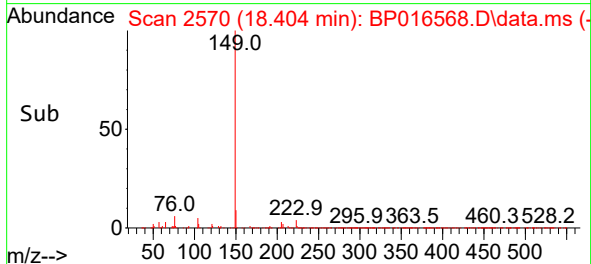
Instrument :
BNA_P
Client Sample Id :
A48H7



Tgt Ion:149 Resp: 186619
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.3 4.6 6.8

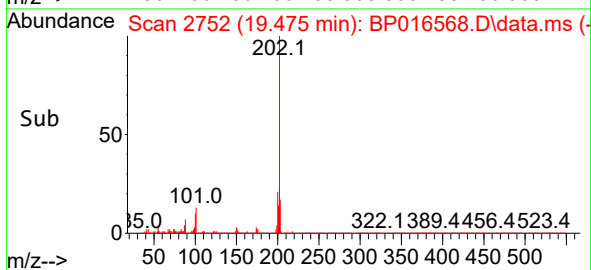
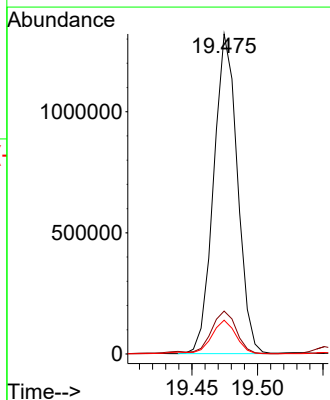
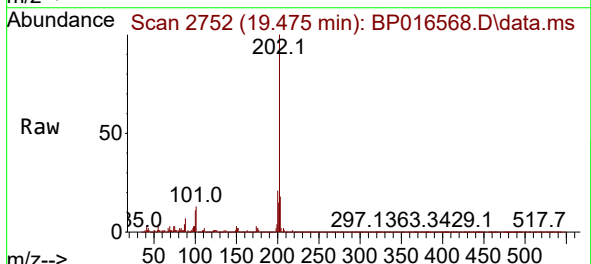
Manual Integrations
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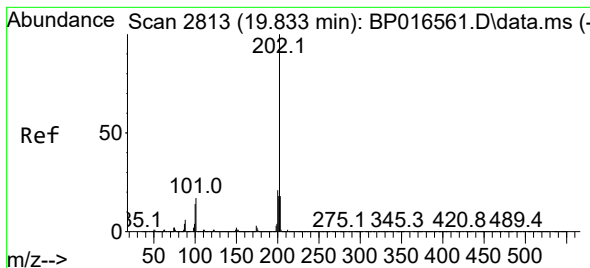
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#80
Fluoranthene
Concen: 13.442 ng/ul
RT: 19.475 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

Tgt Ion:202 Resp: 1663143
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 10.6 8.1 12.1





#82

Pyrene

Concen: 10.989 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016568.D

Acq: 14 Aug 2023 18:59

Instrument :

BNA_P

ClientSampleId :

A48H7

Tgt Ion:202 Resp: 1435770

Ion Ratio Lower Upper

202 100

101 16.3 13.4 20.2

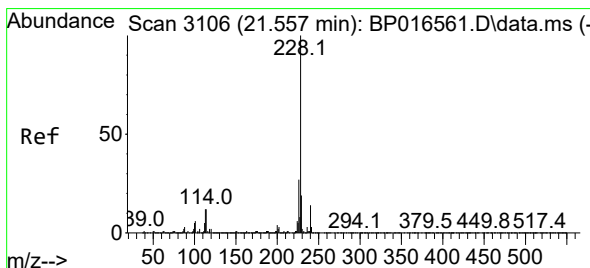
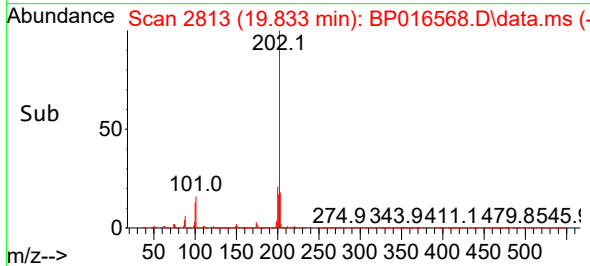
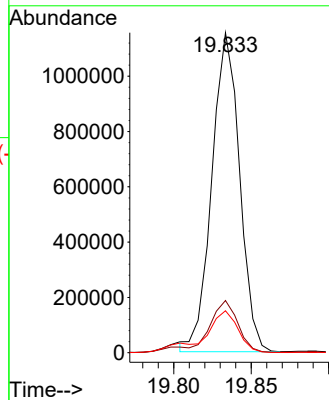
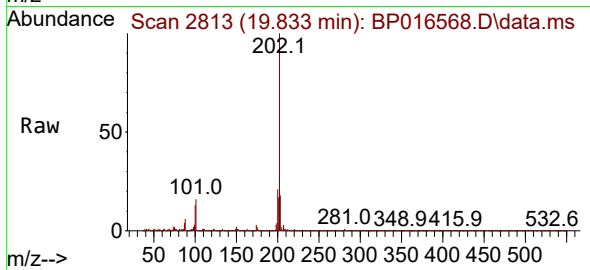
100 13.1 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#85

Benzo(a)anthracene

Concen: 4.648 ng/ul

RT: 21.551 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP016568.D

Acq: 14 Aug 2023 18:59

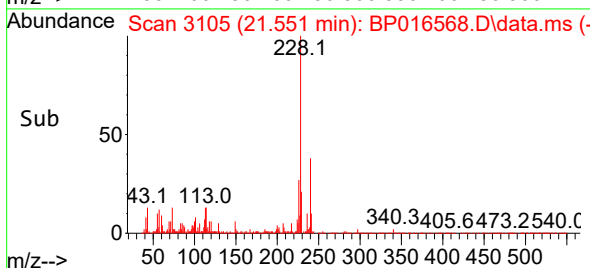
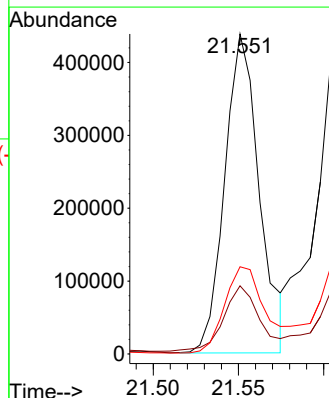
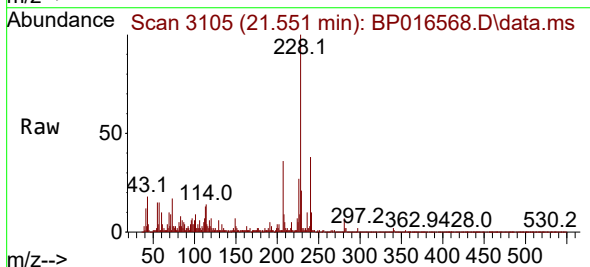
Tgt Ion:228 Resp: 617970

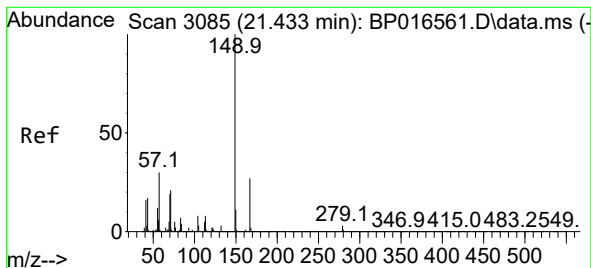
Ion Ratio Lower Upper

228 100

229 21.3 15.8 23.6

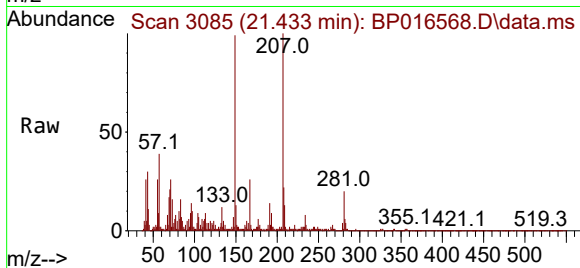
226 27.3 21.8 32.6





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.015 ng/ul
RT: 21.433 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

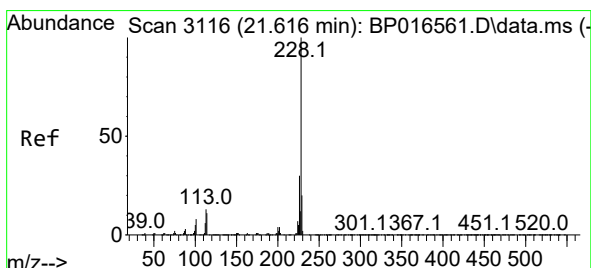
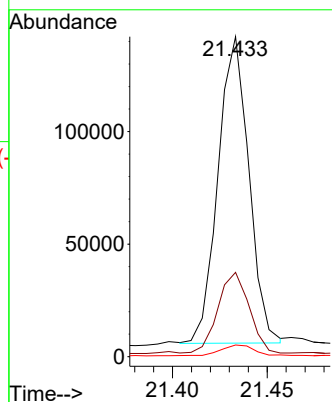
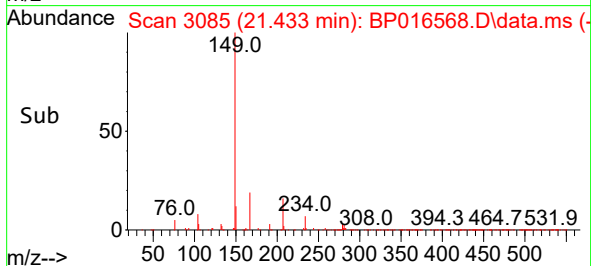
Instrument :
BNA_P
ClientSampleId :
A48H7



Tgt Ion:149 Resp: 153915
Ion Ratio Lower Upper
149 100
167 26.3 20.9 31.3
279 3.6 2.6 4.0

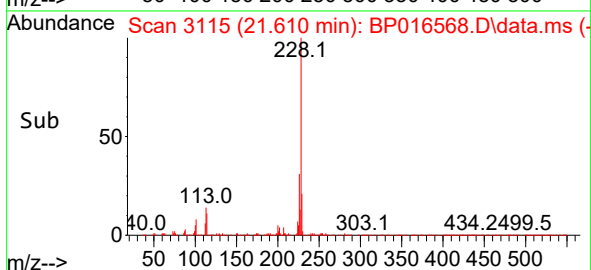
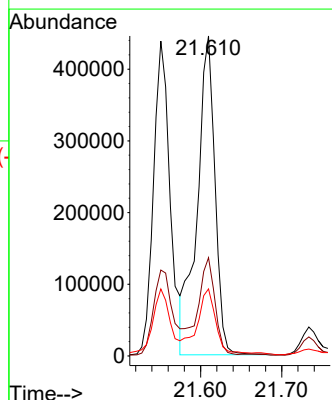
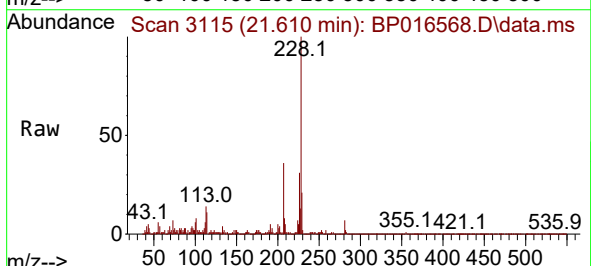
Manual Integrations
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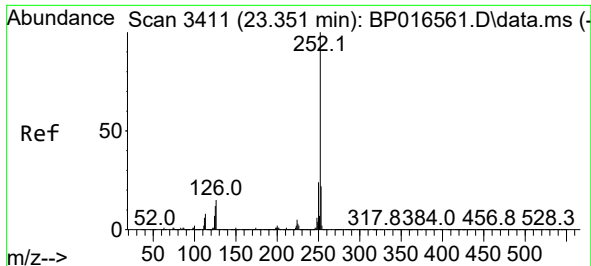
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#87
Chrysene
Concen: 5.468 ng/ul
RT: 21.610 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

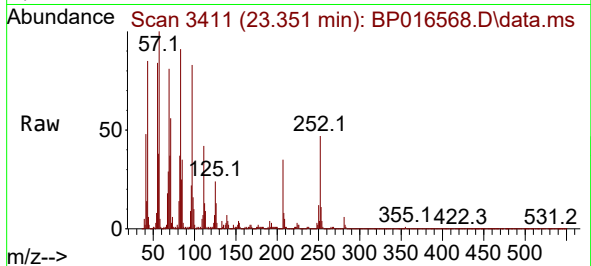
Tgt Ion:228 Resp: 680319
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 21.0 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 7.398 ng/ul
RT: 23.351 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

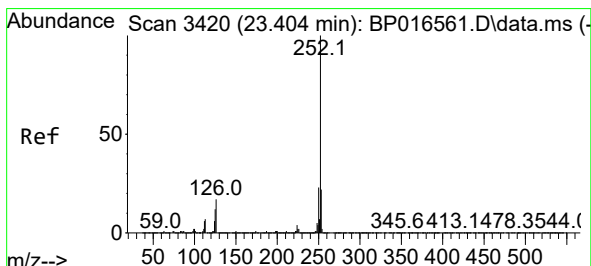
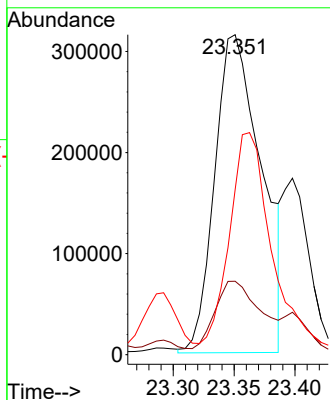
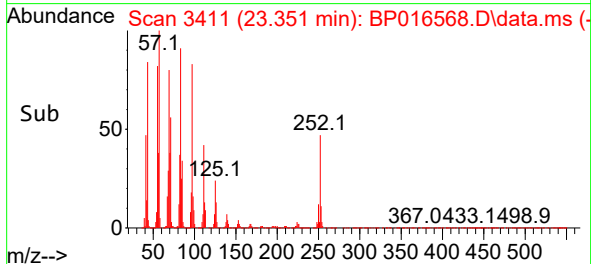
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A48H7



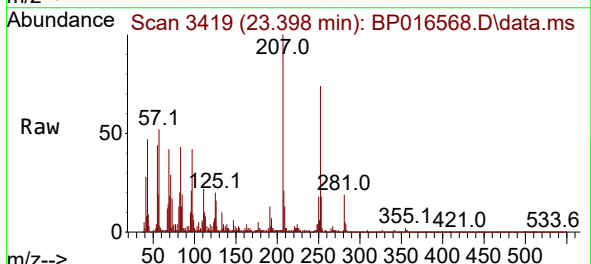
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Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 51.6 10.0 15.0

Manual Integrations
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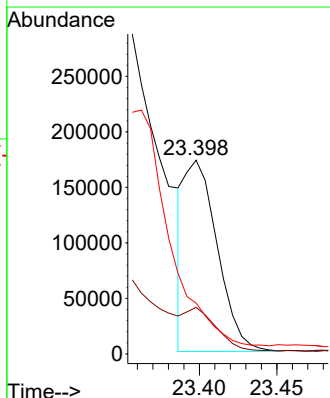
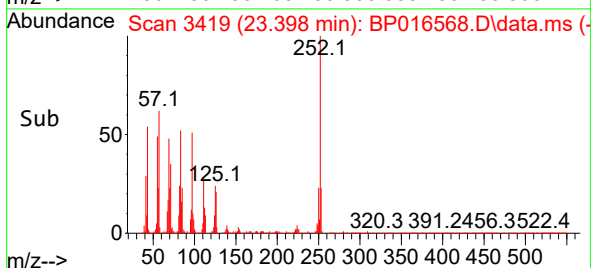
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Supervised By :Sohil Jodhani 08/15/2023

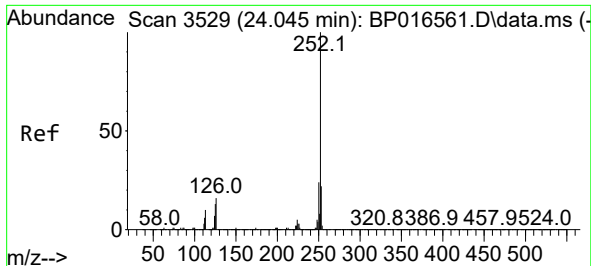


#91
Benzo(k)fluoranthene
Concen: 2.250 ng/ul
RT: 23.398 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59



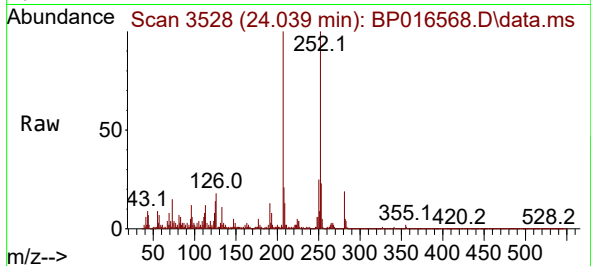
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Ion Ratio Lower Upper
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253 24.1 18.0 27.0
125 26.2 9.8 14.8





#93
Benzo(a)pyrene
Concen: 4.843 ng/ul
RT: 24.039 min Scan# 3529
Delta R.T. -0.000 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59

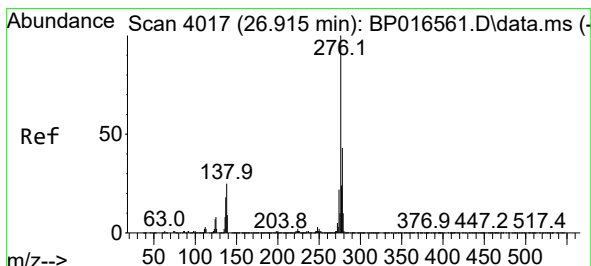
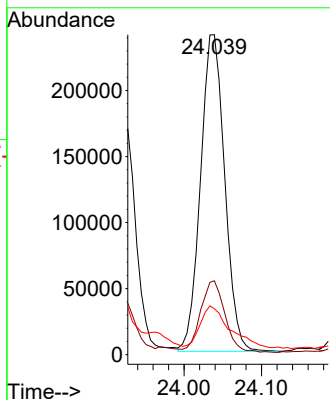
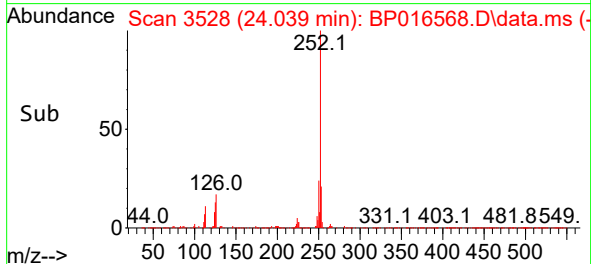
Instrument :
BNA_P
ClientSampleId :
A48H7



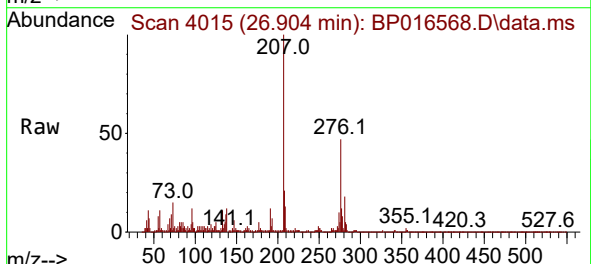
Tgt Ion:252 Resp: 51916
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 14.3 10.6 15.8

Manual Integrations
APPROVED

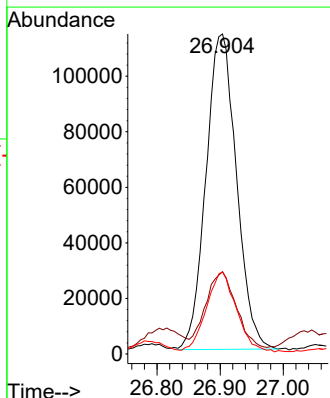
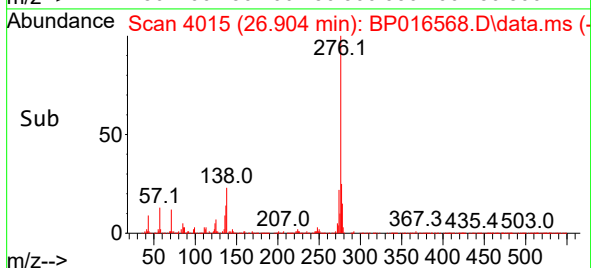
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

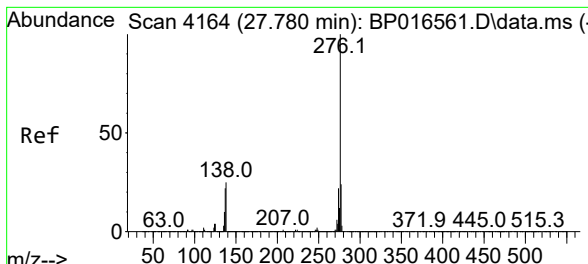


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.012 ng/ul
RT: 26.904 min Scan# 4015
Delta R.T. -0.006 min
Lab File: BP016568.D
Acq: 14 Aug 2023 18:59



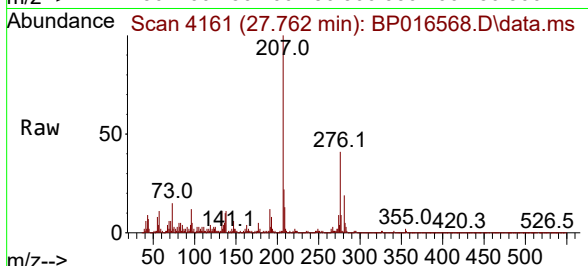
Tgt Ion:276 Resp: 381132
Ion Ratio Lower Upper
276 100
138 25.7 21.7 32.5
277 25.7 19.5 29.3





#96
 Benzo(g,h,i)perylene
 Concen: 3.499 ng/ul
 RT: 27.762 min Scan# 4161
 Delta R.T. -0.012 min
 Lab File: BP016568.D
 Acq: 14 Aug 2023 18:59

Instrument :
 BNA_P
 ClientSampleId :
 A48H7



Tgt Ion:	276	Resp:	352364
Ion Ratio	Lower	Upper	
276	100		
138	26.7	21.5	32.3
277	23.2	19.3	28.9

Manual Integrations
 APPROVED

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

