

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016573.D
 Acq On : 14 Aug 2023 22:24
 Operator : MA/JU
 Sample : 03965-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48J5

Manual Integrations
 APPROVED

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

Quant Time: Aug 15 00:05:35 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	8.057	152	482383	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	2145351	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	1265463	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	2696785	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	2272269	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	2255419	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	41012	3.231	ng/uL	0.00
4) Pyridine-d5	3.840	84	75032	1.943	ng/u1	0.00
7) Phenol-d5	7.199	99	748777	16.837	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	528141	18.031	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	581469	18.204	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	534059	15.103	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	303755	20.122	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	310560	21.661	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	537484	19.050	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	512856	10.594	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1708136	18.662	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	2003446	19.392	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	253037	13.571	ng/u1	0.00
60) Fluorene-d10	15.704	176	1507102	19.314	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	124444	9.700	ng/u1	0.00
73) Anthracene-d10	17.575	188	2260345	19.377	ng/u1	0.00
81) Pyrene-d10	19.804	212	2590266	21.756	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2170336	20.079	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.904	105	211175	3.698	ng/u1	99
30) Naphthalene	10.946	128	1938825	17.297	ng/u1	100
72) Phenanthrene	17.516	178	334806	2.356	ng/u1	99
80) Fluoranthene	19.475	202	1222683	8.604	ng/u1	99
82) Pyrene	19.833	202	1092167	7.278	ng/u1	97
85) Benzo(a)anthracene	21.551	228	688618	4.509	ng/u1	99
87) Chrysene	21.610	228	669935	4.688	ng/u1	98
90) Benzo(b)fluoranthene	23.345	252	837638	6.237	ng/u1	98
91) Benzo(k)fluoranthene	23.398	252	261231m	1.961	ng/u1	
93) Benzo(a)pyrene	24.039	252	556764	4.395	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.898	276	316264	2.115	ng/u1	96
96) Benzo(g,h,i)perylene	27.756	276	272652	2.291	ng/u1	97

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

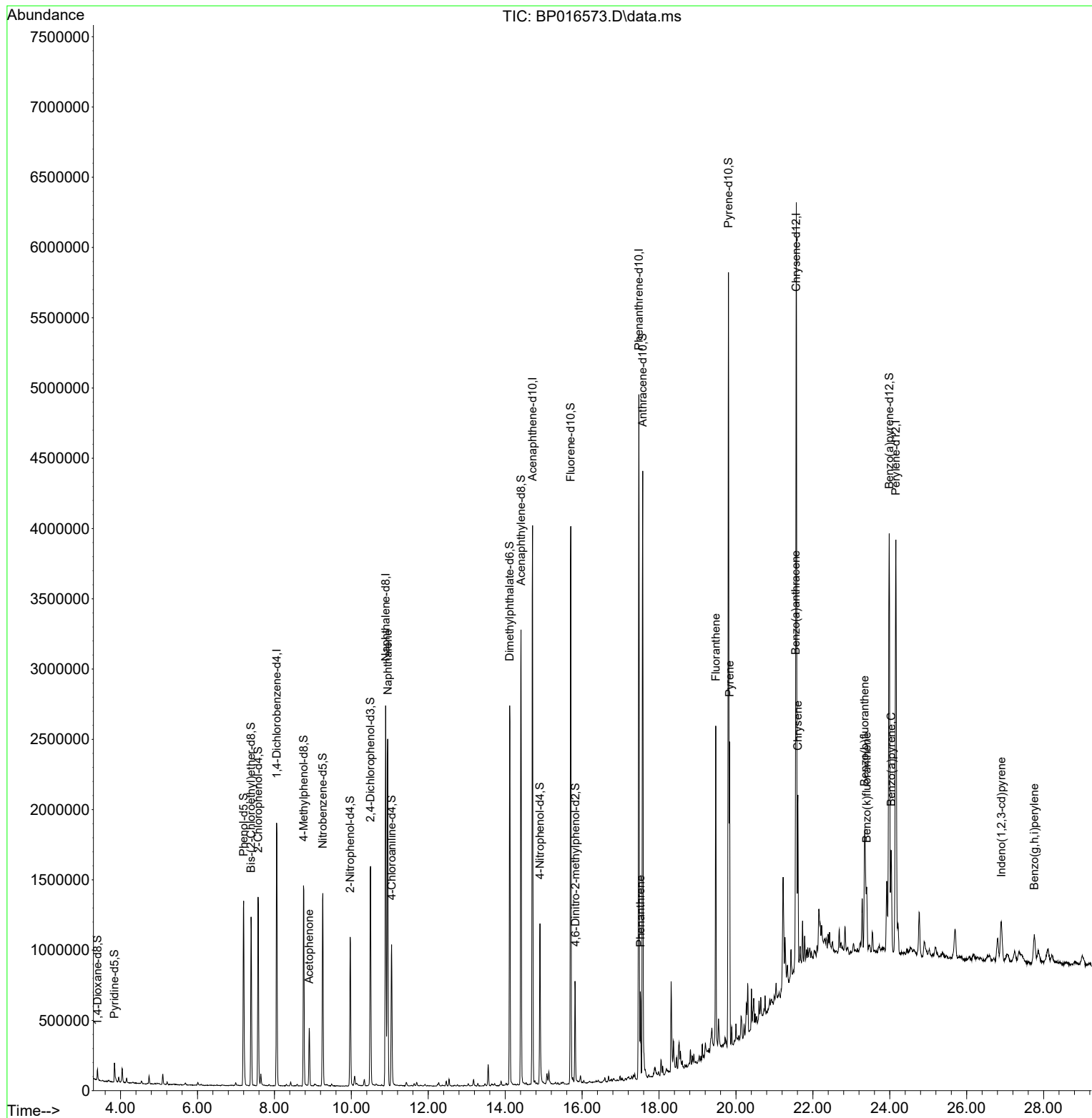
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016573.D
 Acq On : 14 Aug 2023 22:24
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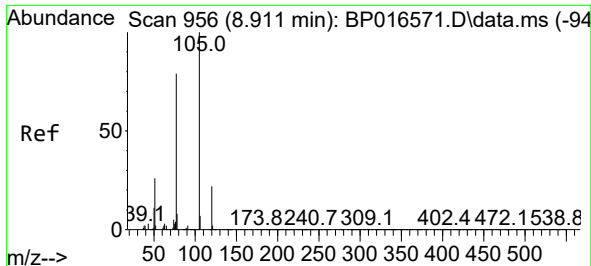
Instrument :
 BNA_P
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Quant Time: Aug 15 00:05:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
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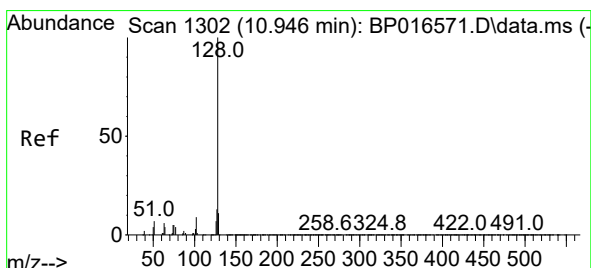
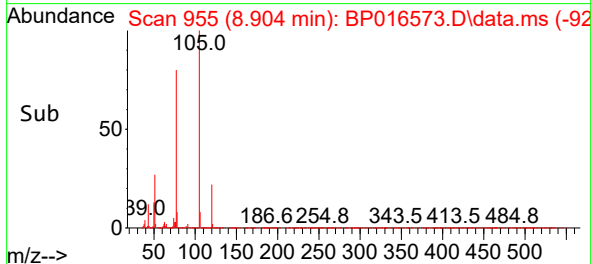
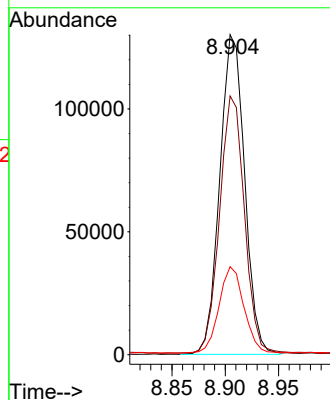
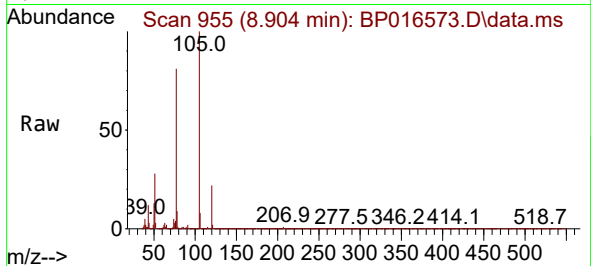
#16
Acetophenone
Concen: 3.698 ng/ul
RT: 8.904 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP016573.D
Acq: 14 Aug 2023 22:24

Instrument :
BNA_P
ClientSampleId :
A48J5

Tgt Ion:105 Resp: 211175
Ion Ratio Lower Upper
105 100
77 80.9 64.4 96.6
51 27.5 21.2 31.8

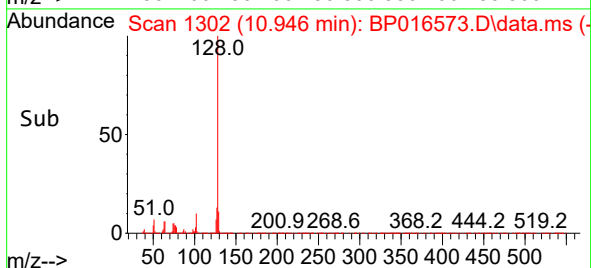
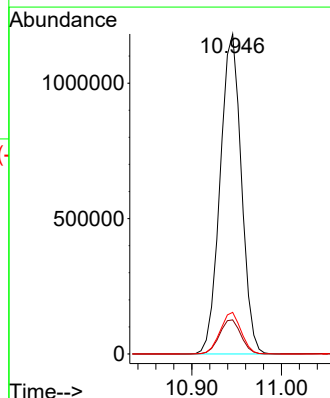
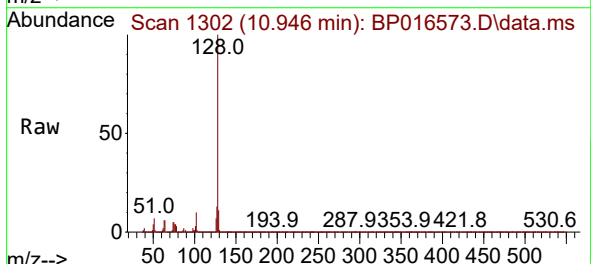
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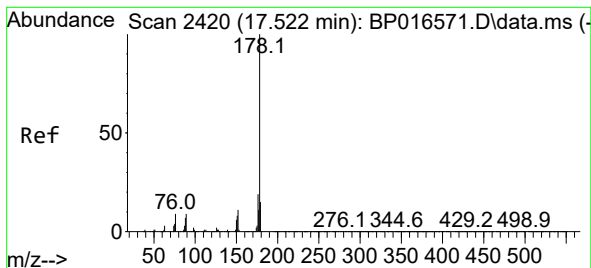
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#30
Naphthalene
Concen: 17.297 ng/ul
RT: 10.946 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BP016573.D
Acq: 14 Aug 2023 22:24

Tgt Ion:128 Resp: 1938825
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.0 10.3 15.5





#72

Phenanthrene

Concen: 2.356 ng/ul

RT: 17.516 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP016573.D

Acq: 14 Aug 2023 22:24

Instrument :

BNA_P

ClientSampleId :

A48J5

Tgt Ion:178 Resp: 334800

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

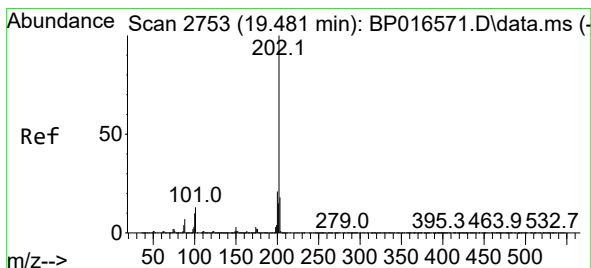
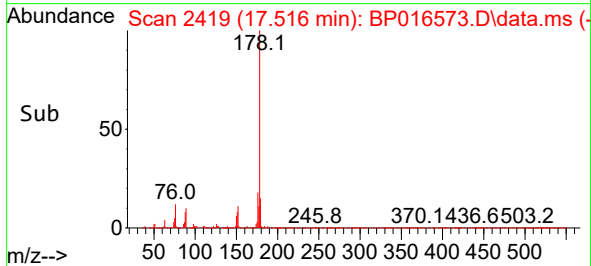
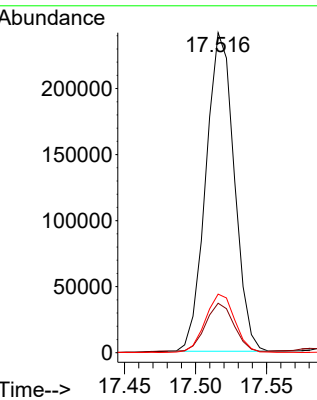
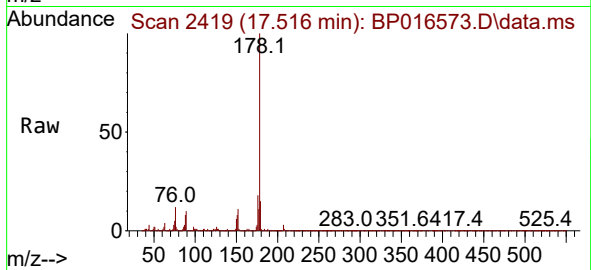
176 18.3 15.5 23.3

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#80

Fluoranthene

Concen: 8.604 ng/ul

RT: 19.475 min Scan# 2752

Delta R.T. -0.006 min

Lab File: BP016573.D

Acq: 14 Aug 2023 22:24

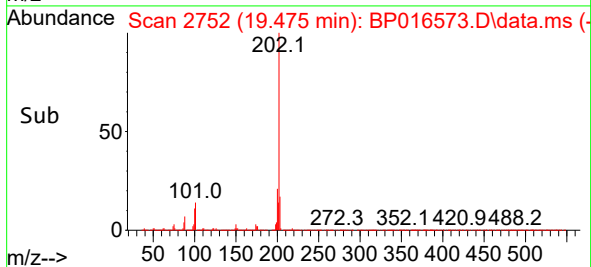
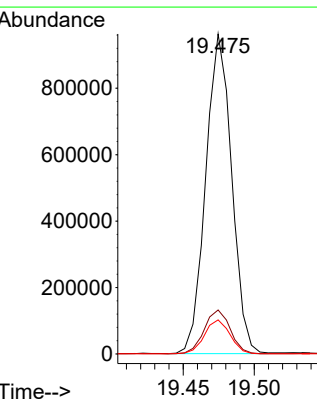
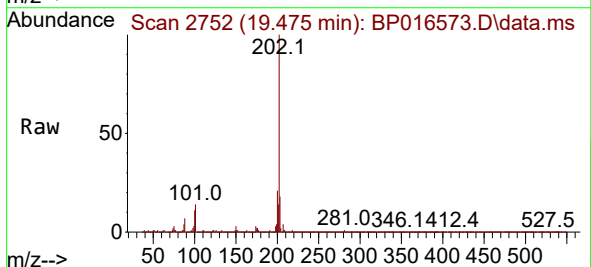
Tgt Ion:202 Resp: 1222683

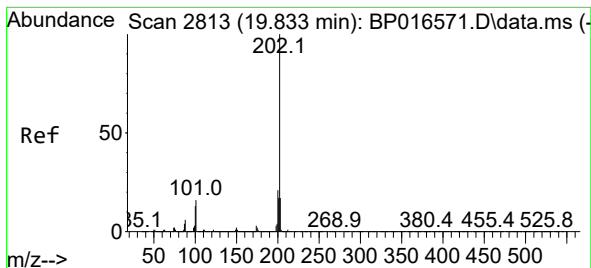
Ion Ratio Lower Upper

202 100

101 13.8 10.6 16.0

100 10.6 8.1 12.1





#82

Pyrene

Concen: 7.278 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016573.D

Acq: 14 Aug 2023 22:24

Instrument :

BNA_P

ClientSampleId :

A48J5

Tgt Ion:202 Resp: 109216

Ion Ratio Lower Upper

202 100

101 15.4 13.4 20.2

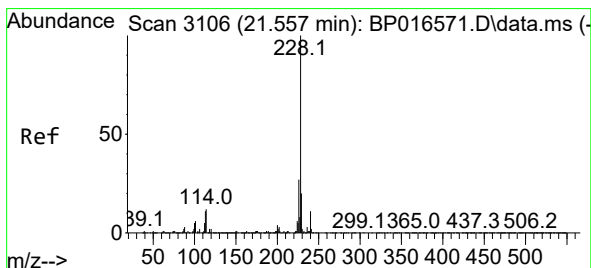
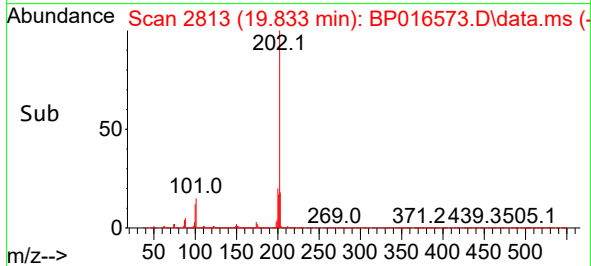
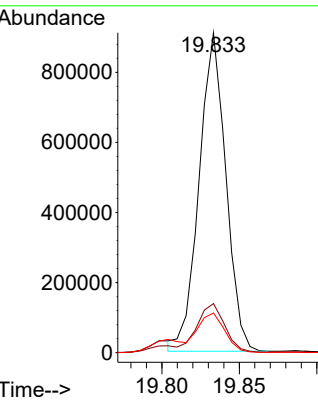
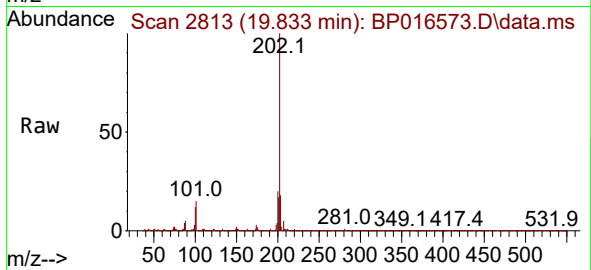
100 12.4 11.0 16.4

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#85

Benzo(a)anthracene

Concen: 4.509 ng/ul

RT: 21.551 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP016573.D

Acq: 14 Aug 2023 22:24

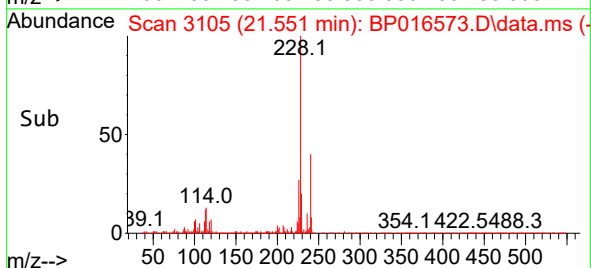
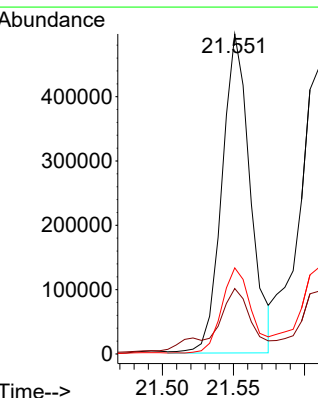
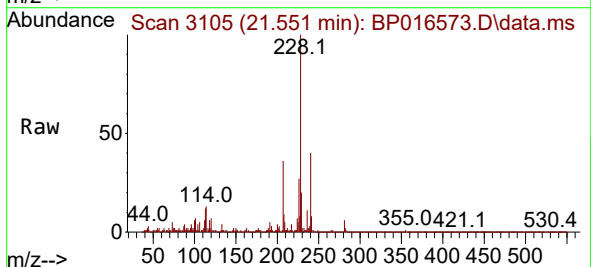
Tgt Ion:228 Resp: 688618

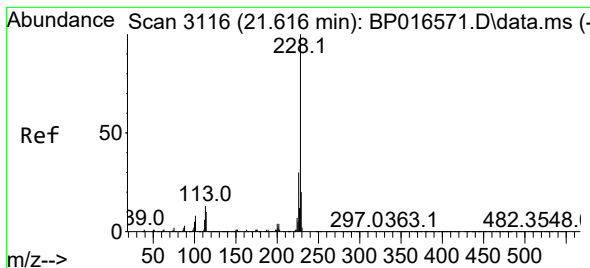
Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

226 26.9 21.8 32.6





#87

Chrysene

Concen: 4.688 ng/ul

RT: 21.610 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP016573.D

Acq: 14 Aug 2023 22:24

Instrument :

BNA_P

ClientSampleId :

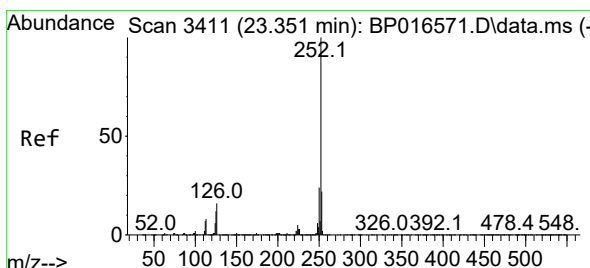
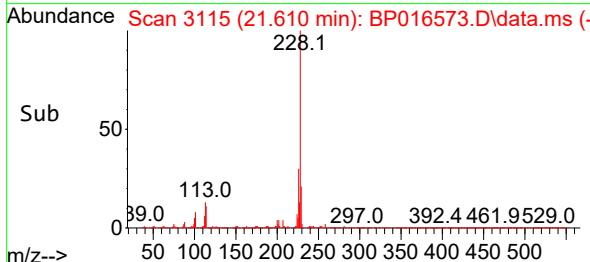
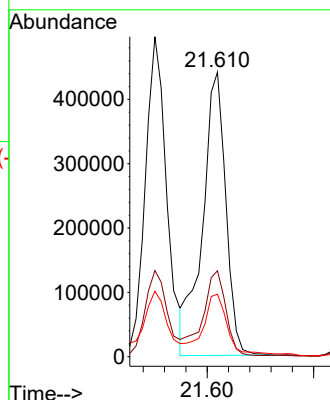
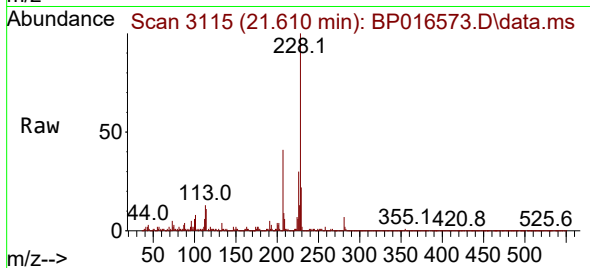
A48J5

Tgt Ion:228 Resp: 669935
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.6 36.8
 229 22.0 16.4 24.6

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#90

Benzo(b)fluoranthene

Concen: 6.237 ng/ul

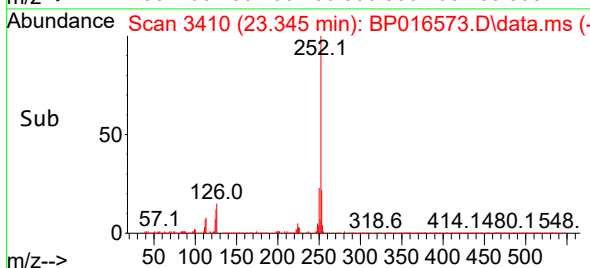
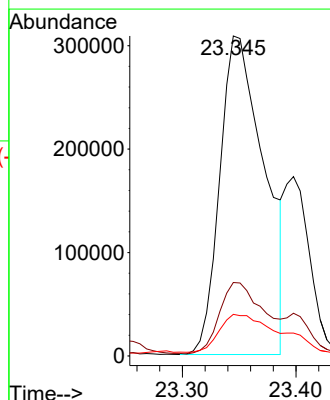
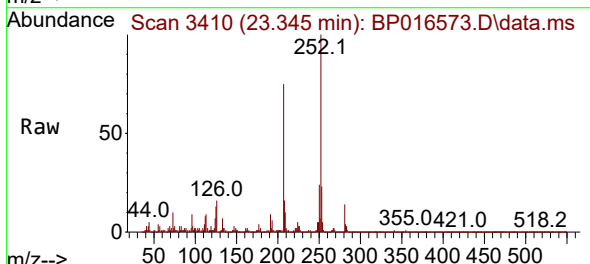
RT: 23.345 min Scan# 3410

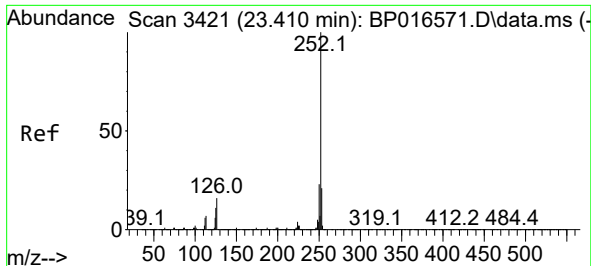
Delta R.T. -0.006 min

Lab File: BP016573.D

Acq: 14 Aug 2023 22:24

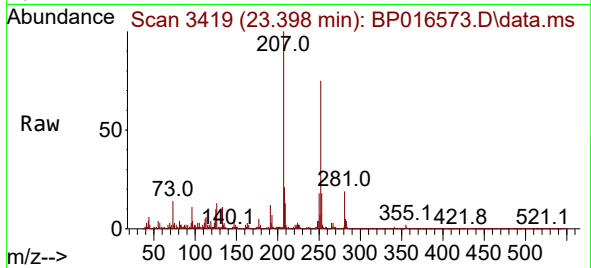
Tgt Ion:252 Resp: 837638
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.2
 125 13.0 10.0 15.0





#91
Benzo(k)fluoranthene
Concen: 1.961 ng/ul m
RT: 23.398 min Scan# 3421
Delta R.T. -0.006 min
Lab File: BP016573.D
Acq: 14 Aug 2023 22:24

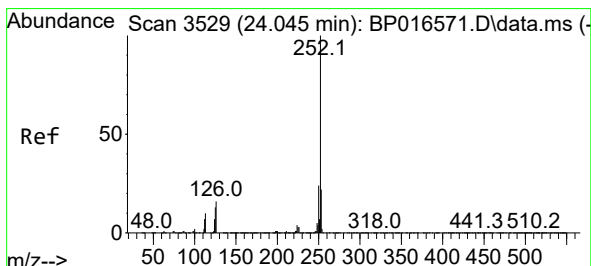
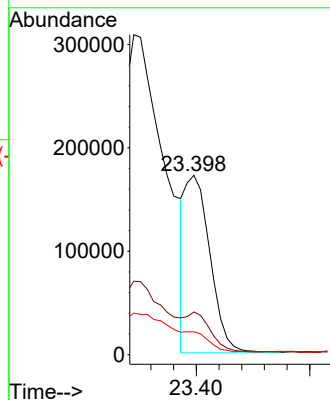
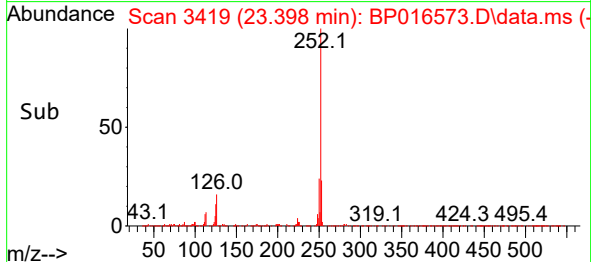
Instrument :
BNA_P
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A48J5



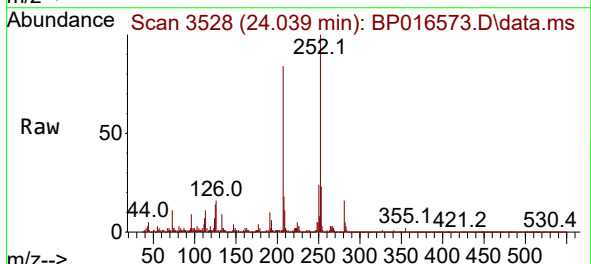
Tgt Ion:252 Resp: 26123
Ion Ratio Lower Upper
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253 23.8 18.0 27.0
125 12.8 9.8 14.8

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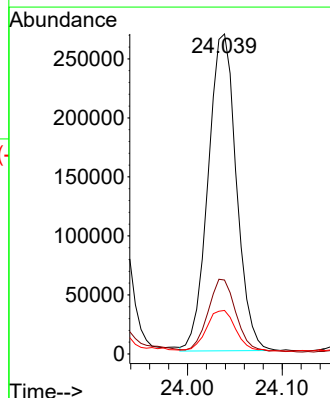
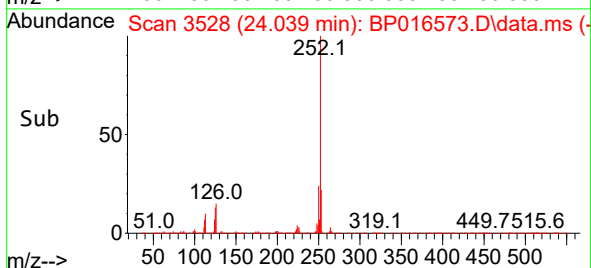
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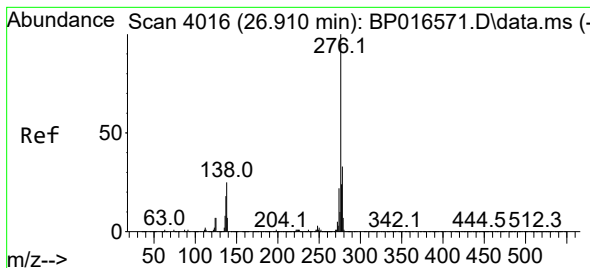


#93
Benzo(a)pyrene
Concen: 4.395 ng/ul
RT: 24.039 min Scan# 3528
Delta R.T. -0.000 min
Lab File: BP016573.D
Acq: 14 Aug 2023 22:24



Tgt Ion:252 Resp: 556764
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.6 10.6 15.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.115 ng/ul

RT: 26.898 min Scan# 4016

Delta R.T. -0.012 min

Lab File: BP016573.D

Acq: 14 Aug 2023 22:24

Instrument :

BNA_P

ClientSampleId :

A48J5

Tgt Ion:276 Resp: 316264

Ion Ratio Lower Upper

276 100

138 23.3 21.7 32.5

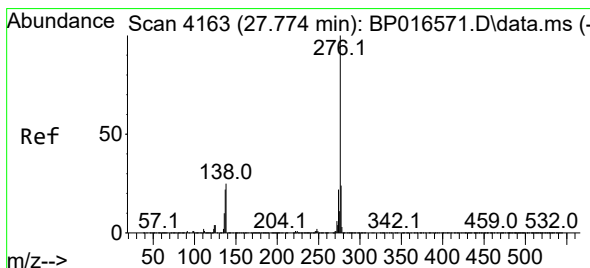
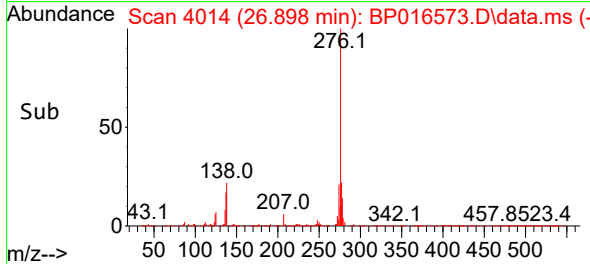
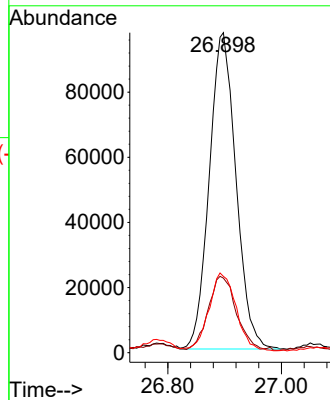
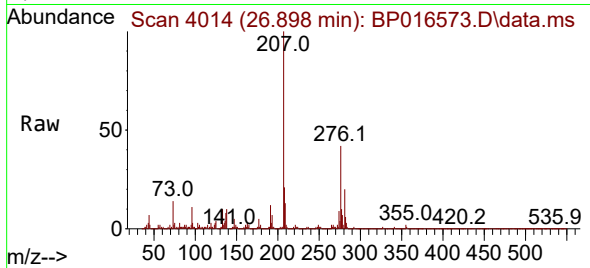
277 23.8 19.5 29.3

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 2.291 ng/ul

RT: 27.756 min Scan# 4160

Delta R.T. -0.018 min

Lab File: BP016573.D

Acq: 14 Aug 2023 22:24

Tgt Ion:276 Resp: 272652

Ion Ratio Lower Upper

276 100

138 24.5 21.5 32.3

277 24.3 19.3 28.9

