

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021285.D
 Acq On : 01 Aug 2024 09:04
 Operator : CG/JU
 Sample : P3264-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CL4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Aug 01 10:47:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	201029	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	820799	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	568681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1191937	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1005571	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1240039	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	7162	1.621	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.858	99	138846	8.472	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	88075	8.867	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	134838	9.985	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	122757	9.018	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	66627	10.451	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	69561	9.533	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	132329	10.029	ng/u1	0.02
31) 4-Chloroaniline-d4	10.575	131	88873m	5.084	ng/u1	0.02
46) Dimethylphthalate-d6	13.675	166	478568	11.576	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	537861	11.587	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.645	143	22746m	3.867	ng/u1	0.06
60) Fluorene-d10	15.287	176	431236	12.715	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	42885	5.946	ng/u1	0.01
73) Anthracene-d10	17.192	188	620253	11.716	ng/u1	0.00
81) Pyrene-d10	19.575	212	589903	9.489	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	515646	8.431	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.133	178	459767	7.436	ng/u1	100
74) Anthracene	17.228	178	94117	1.493	ng/u1	98
80) Fluoranthene	19.227	202	820158	10.924	ng/u1	97
82) Pyrene	19.604	202	563618	7.377	ng/u1	98
85) Benzo(a)anthracene	21.516	228	369258	5.242	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	90418	1.974	ng/u1#	96
87) Chrysene	21.580	228	405998	6.203	ng/u1	98
90) Benzo(b)fluoranthene	23.792	252	580470	7.714	ng/u1	98
91) Benzo(k)fluoranthene	23.857	252	190478	2.536	ng/u1	97
93) Benzo(a)pyrene	24.674	252	207054	2.912	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.592	276	208604	2.276	ng/u1	97

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

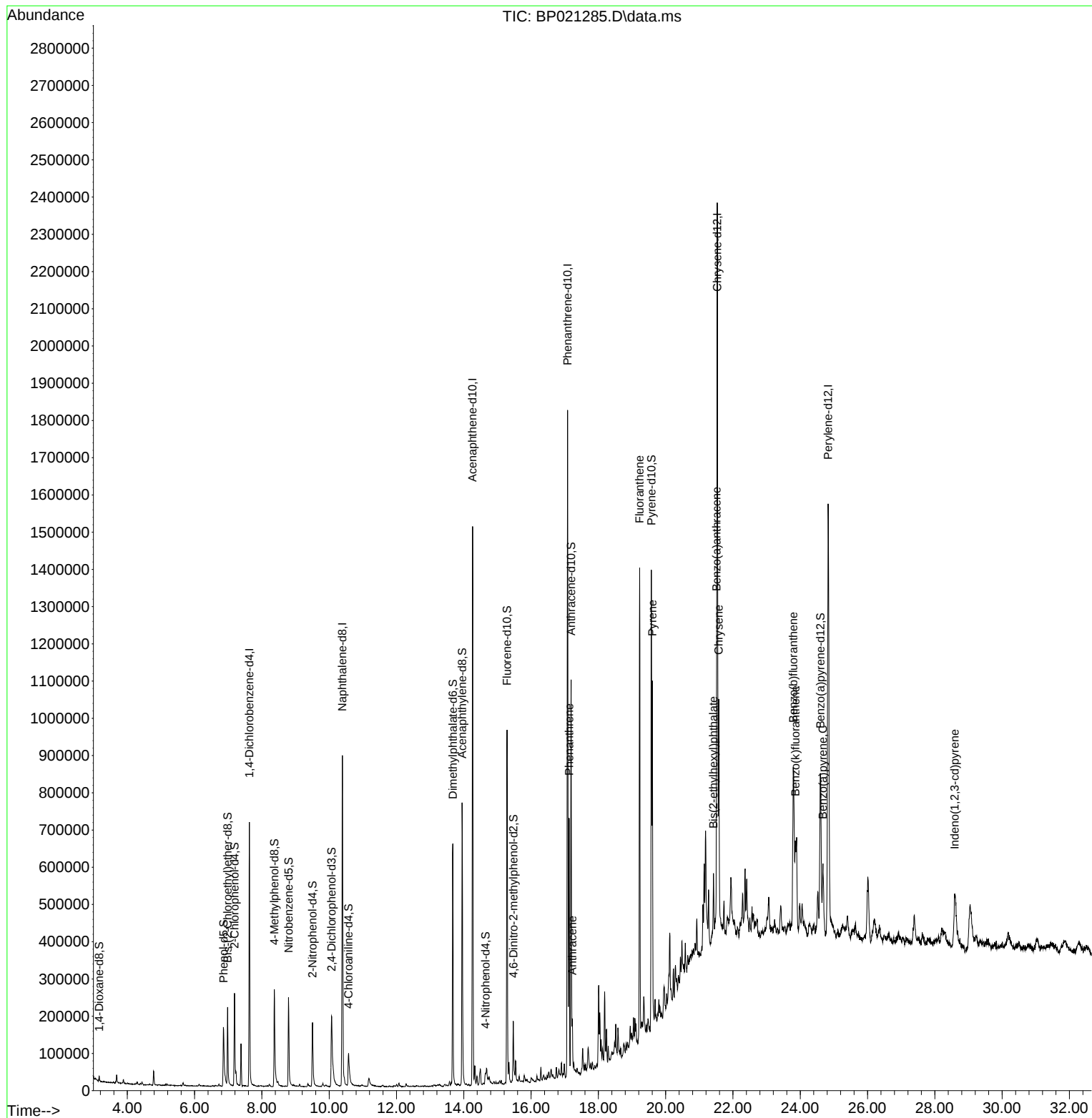
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
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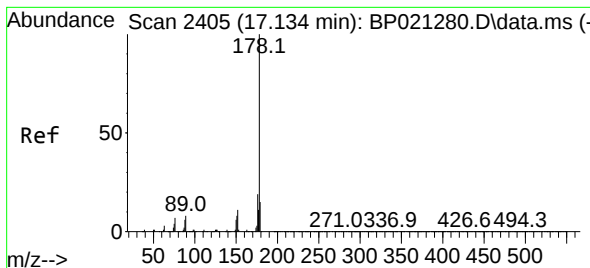
Instrument :
 BNA_P
 ClientSampleId :
 A4CL4

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#72

Phenanthrene

Concen: 7.436 ng/u1

RT: 17.133 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BP021285.D

Acq: 01 Aug 2024 09:04

Instrument :

BNA_P

ClientSampleId :

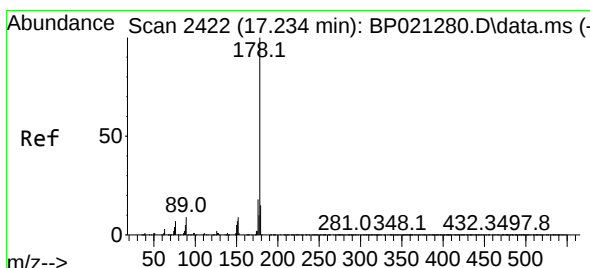
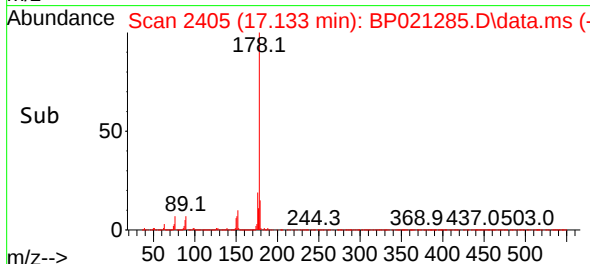
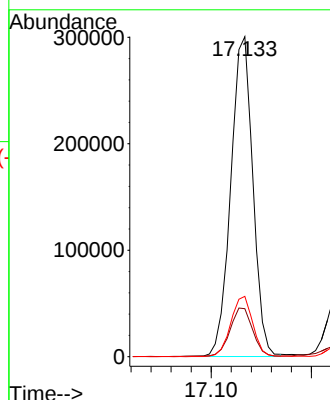
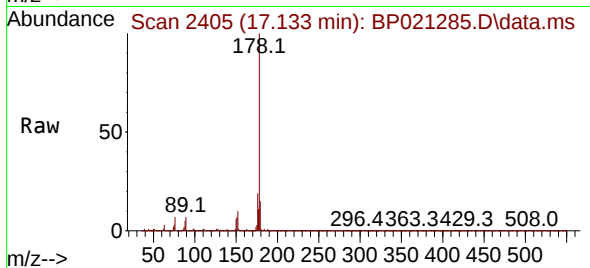
A4CL4

Tgt Ion:178	Resp:	45976
Ion Ratio	Lower	Upper
178	100	
179	15.0	12.2 18.4
176	18.9	15.0 22.4

Manual Integrations

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#74

Anthracene

Concen: 1.493 ng/u1

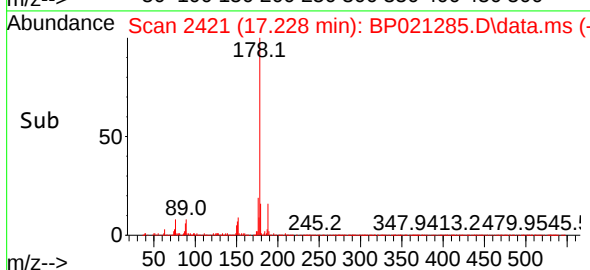
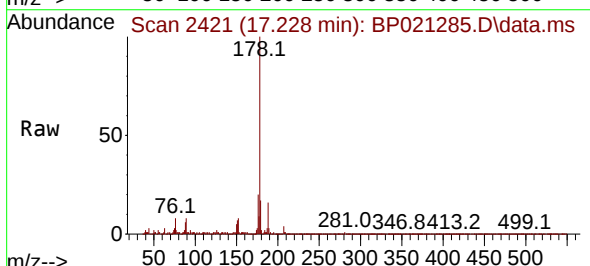
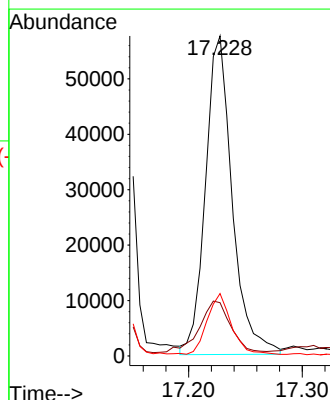
RT: 17.228 min Scan# 2421

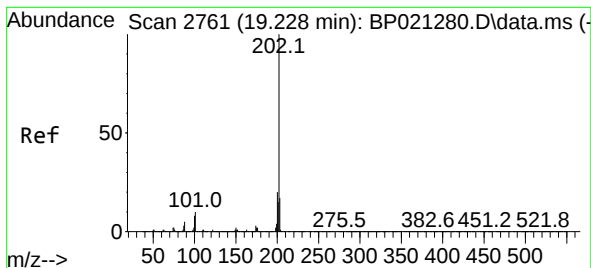
Delta R.T. -0.006 min

Lab File: BP021285.D

Acq: 01 Aug 2024 09:04

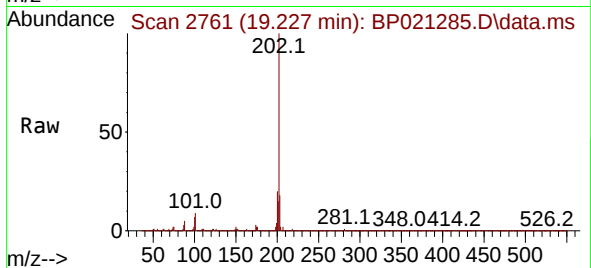
Tgt Ion:178	Resp:	94117
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.5 18.7
176	19.5	14.8 22.2





#80
Fluoranthene
Concen: 10.924 ng/ul
RT: 19.227 min Scan# 2761
Delta R.T. -0.006 min
Lab File: BP021285.D
Acq: 01 Aug 2024 09:04

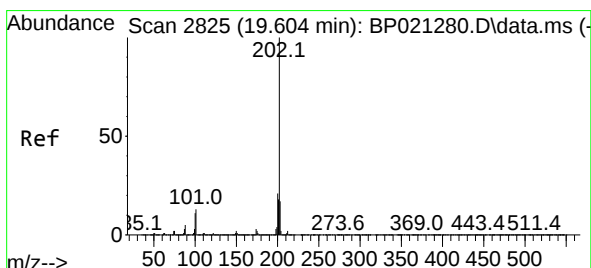
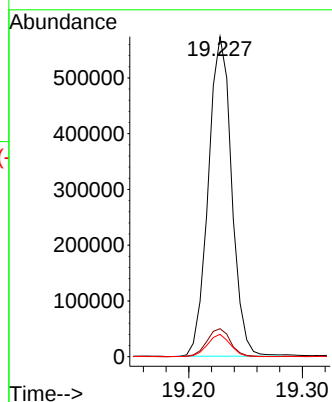
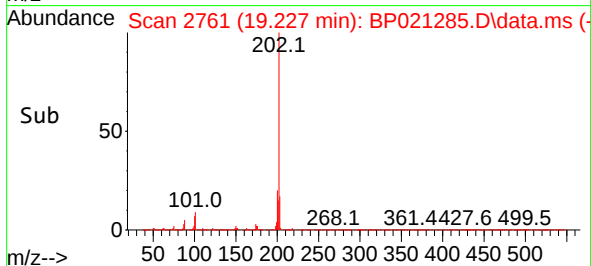
Instrument :
BNA_P
ClientSampleId :
A4CL4



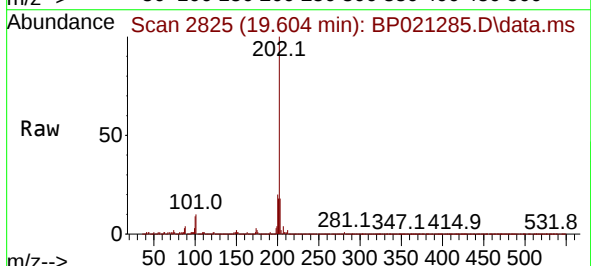
Tgt Ion:202 Resp: 820158
Ion Ratio Lower Upper
202 100
101 8.7 8.0 12.0
100 7.0 6.1 9.1

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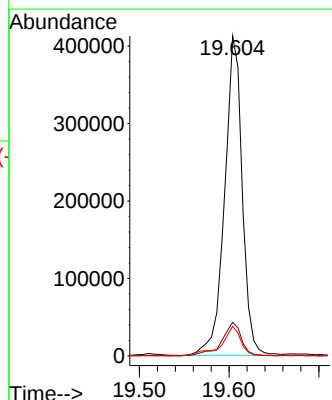
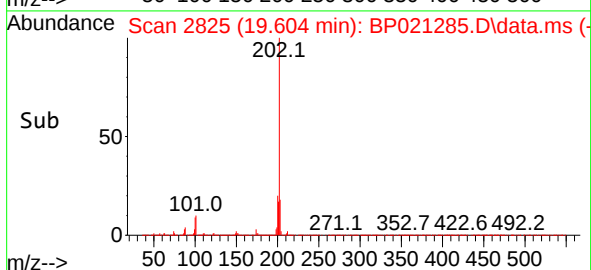
Reviewed By :Jagrut Upadhyay 08/01/2024
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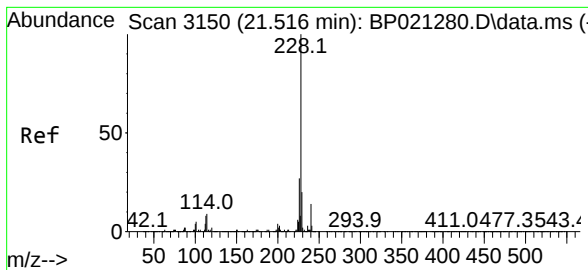


#82
Pyrene
Concen: 7.377 ng/ul
RT: 19.604 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP021285.D
Acq: 01 Aug 2024 09:04



Tgt Ion:202 Resp: 563618
Ion Ratio Lower Upper
202 100
101 10.5 9.4 14.2
100 9.2 7.8 11.6





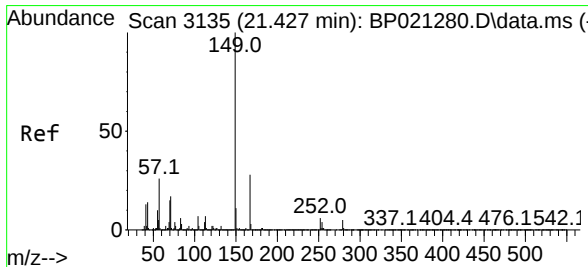
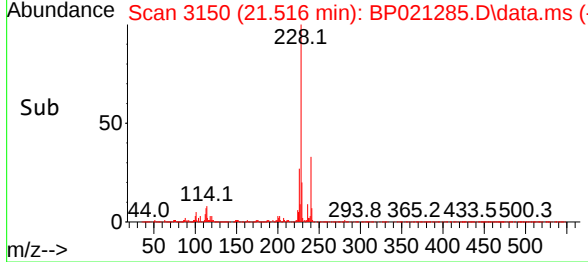
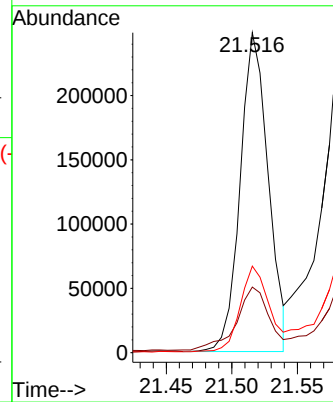
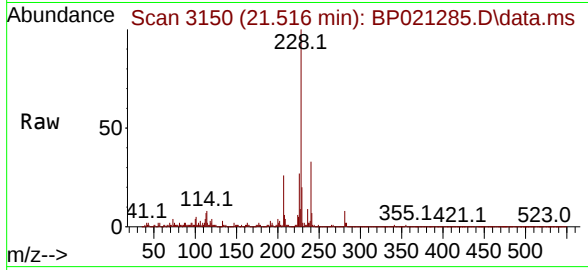
#85
Benzo(a)anthracene
Concen: 5.242 ng/ul
RT: 21.516 min Scan# 3150
Delta R.T. 0.006 min
Lab File: BP021285.D
Acq: 01 Aug 2024 09:04

Instrument : BNA_P
ClientSampleId : A4CL4

Tgt Ion:	228	Resp:	369258
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.5	23.3
226	27.1	21.4	32.2

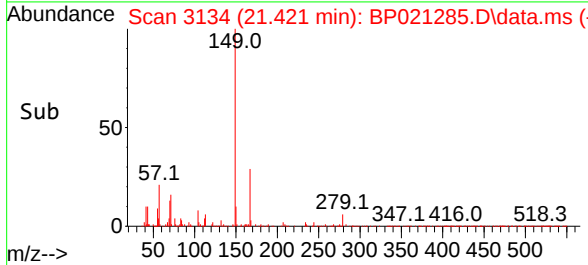
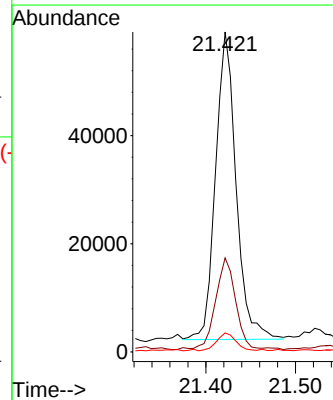
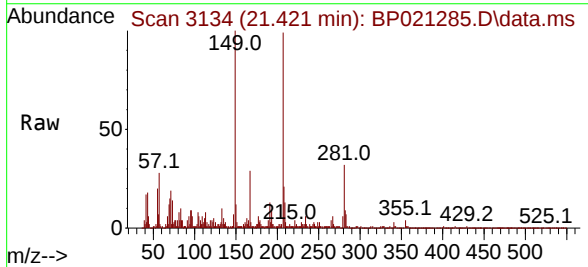
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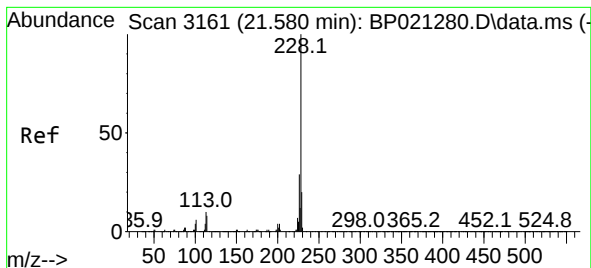
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.974 ng/ul
RT: 21.421 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP021285.D
Acq: 01 Aug 2024 09:04

Tgt Ion:	149	Resp:	90418
Ion Ratio	Lower	Upper	
149	100		
167	29.4	22.1	33.1
279	5.9	3.7	5.5





#87

Chrysene

Concen: 6.203 ng/ul

RT: 21.580 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP021285.D

Acq: 01 Aug 2024 09:04

Instrument :

BNA_P

ClientSampleId :

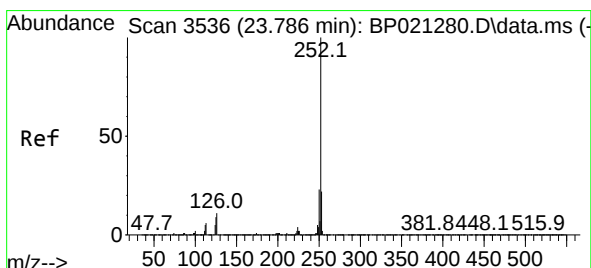
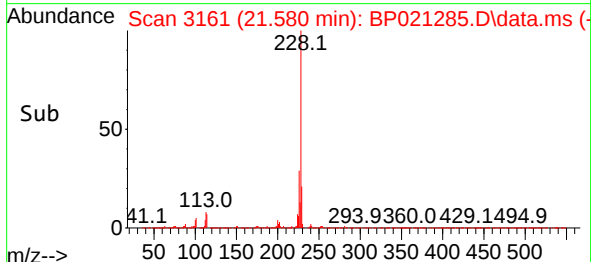
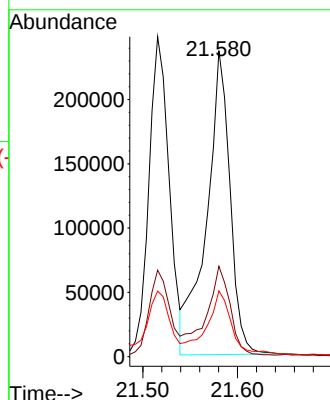
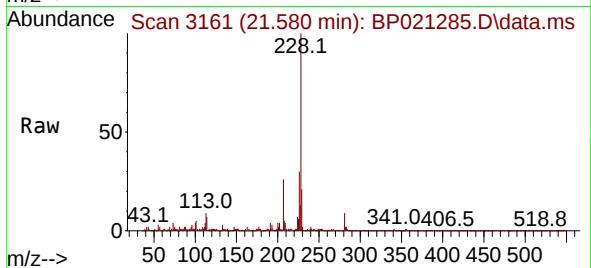
A4CL4

Tgt Ion:228	Resp: 405998
Ion Ratio	Lower Upper
228 100	
226 29.5	23.6 35.4
229 21.5	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 7.714 ng/ul

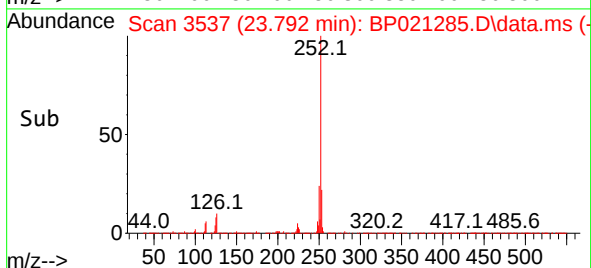
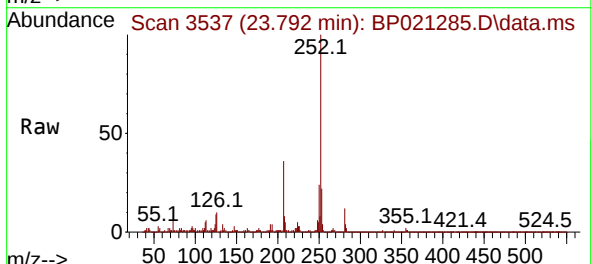
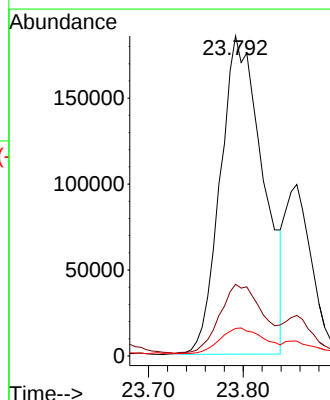
RT: 23.792 min Scan# 3537

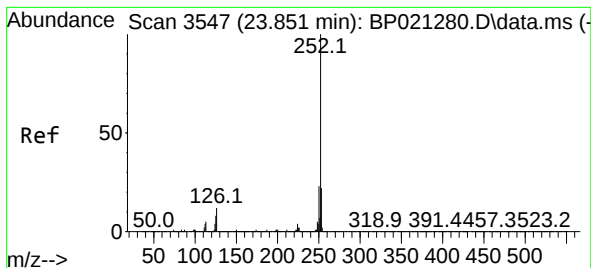
Delta R.T. 0.006 min

Lab File: BP021285.D

Acq: 01 Aug 2024 09:04

Tgt Ion:252	Resp: 580470
Ion Ratio	Lower Upper
252 100	
253 22.4	17.1 25.7
125 8.6	7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 2.536 ng/uI

RT: 23.857 min Scan# 3547

Delta R.T. 0.006 min

Lab File: BP021285.D

Acq: 01 Aug 2024 09:04

Instrument :

BNA_P

ClientSampleId :

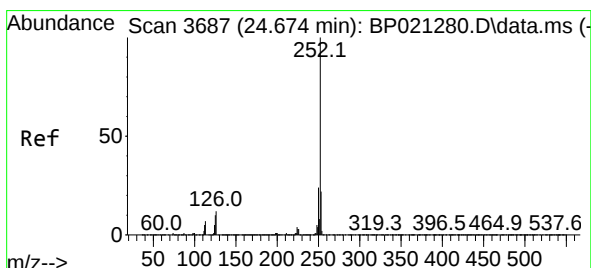
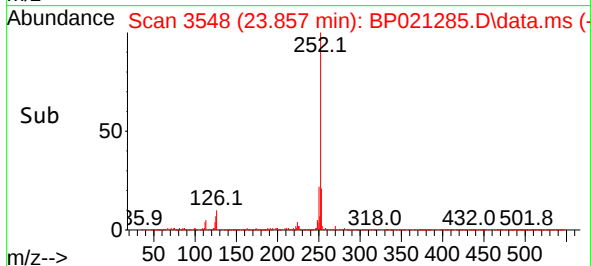
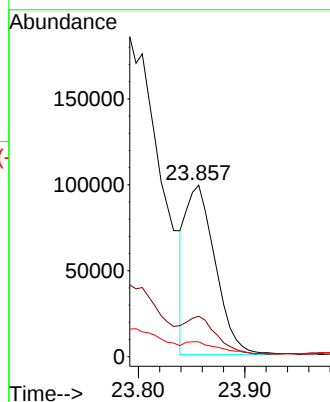
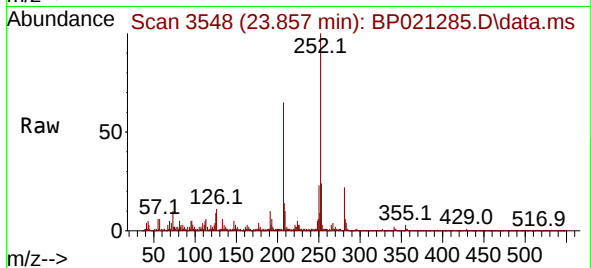
A4CL4

Tgt Ion:	252	Resp:	190478
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	8.7	7.4	11.0

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#93

Benzo(a)pyrene

Concen: 2.912 ng/uI

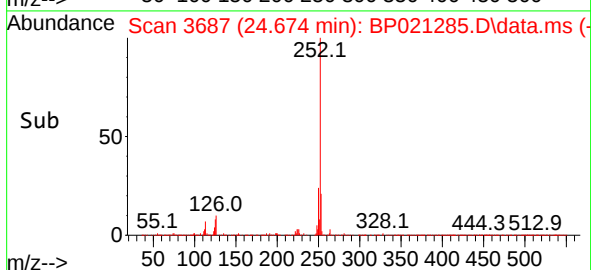
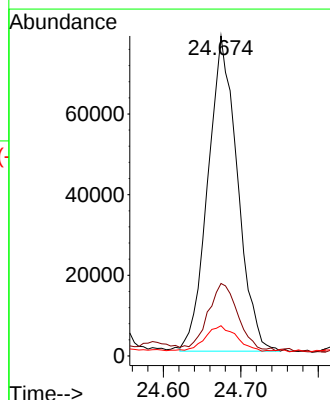
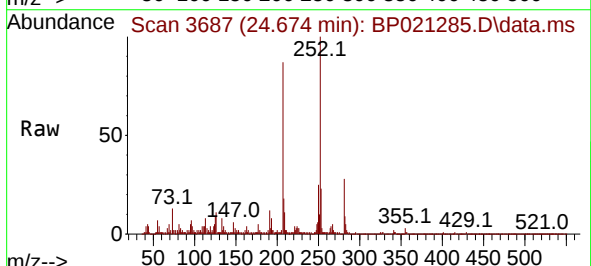
RT: 24.674 min Scan# 3687

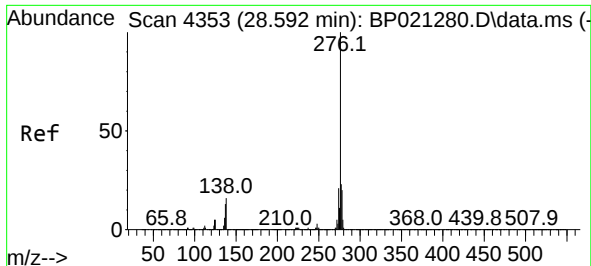
Delta R.T. -0.006 min

Lab File: BP021285.D

Acq: 01 Aug 2024 09:04

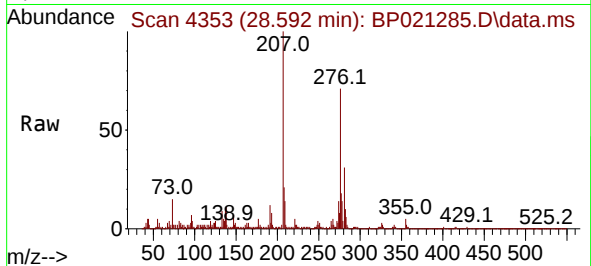
Tgt Ion:	252	Resp:	207054
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	9.5	7.7	11.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.276 ng/ul
 RT: 28.592 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP021285.D
 Acq: 01 Aug 2024 09:04

Instrument :
 BNA_P
 ClientSampleId :
 A4CL4



Tgt Ion:276 Resp: 208604
 Ion Ratio Lower Upper
 276 100
 138 15.8 14.3 21.5
 277 24.9 19.2 28.8

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