

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021289.D
 Acq On : 01 Aug 2024 11:57
 Operator : CG/JU
 Sample : P3264-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CM3

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 12:44:29 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	174714	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	686069	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	452413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	923712	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	953891	20.000	ng/u1	# 0.00
88) Perylene-d12	24.839	264	1145340	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	8883	2.314	ng/uL	0.00
4) Pyridine-d5	3.611	84	11355m	1.022	ng/u1	0.02
7) Phenol-d5	6.857	99	179757	12.620	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	104968	12.160	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	163371	13.921	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	148892	12.586	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	78682	14.765	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	88480	14.507	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	161451	14.639	ng/u1	0.02
31) 4-Chloroaniline-d4	10.569	131	140995	9.650	ng/u1	0.01
46) Dimethylphthalate-d6	13.681	166	516822	15.715	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	575415	15.582	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	54140m	11.570	ng/u1	0.04
60) Fluorene-d10	15.286	176	444621	16.479	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	56573	10.122	ng/u1	0.01
73) Anthracene-d10	17.192	188	664528	16.197	ng/u1	0.00
81) Pyrene-d10	19.580	212	775470	13.149	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.609	264	688501	12.188	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.133	178	383970	8.013	ng/u1	100
74) Anthracene	17.233	178	63138	1.292	ng/u1	99
78) Di-n-butylphthalate	18.086	149	65375	1.187	ng/u1	99
80) Fluoranthene	19.227	202	742098	10.420	ng/u1	97
82) Pyrene	19.610	202	535993	7.396	ng/u1	95
85) Benzo(a)anthracene	21.521	228	341301	5.108	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.427	149	218275	5.023	ng/u1#	98
87) Chrysene	21.586	228	355229	5.721	ng/u1	98
90) Benzo(b)fluoranthene	23.798	252	496130	7.138	ng/u1	97
91) Benzo(k)fluoranthene	23.851	252	164132	2.366	ng/u1	96
93) Benzo(a)pyrene	24.686	252	193416	2.945	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.598	276	185682	2.194	ng/u1	97

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

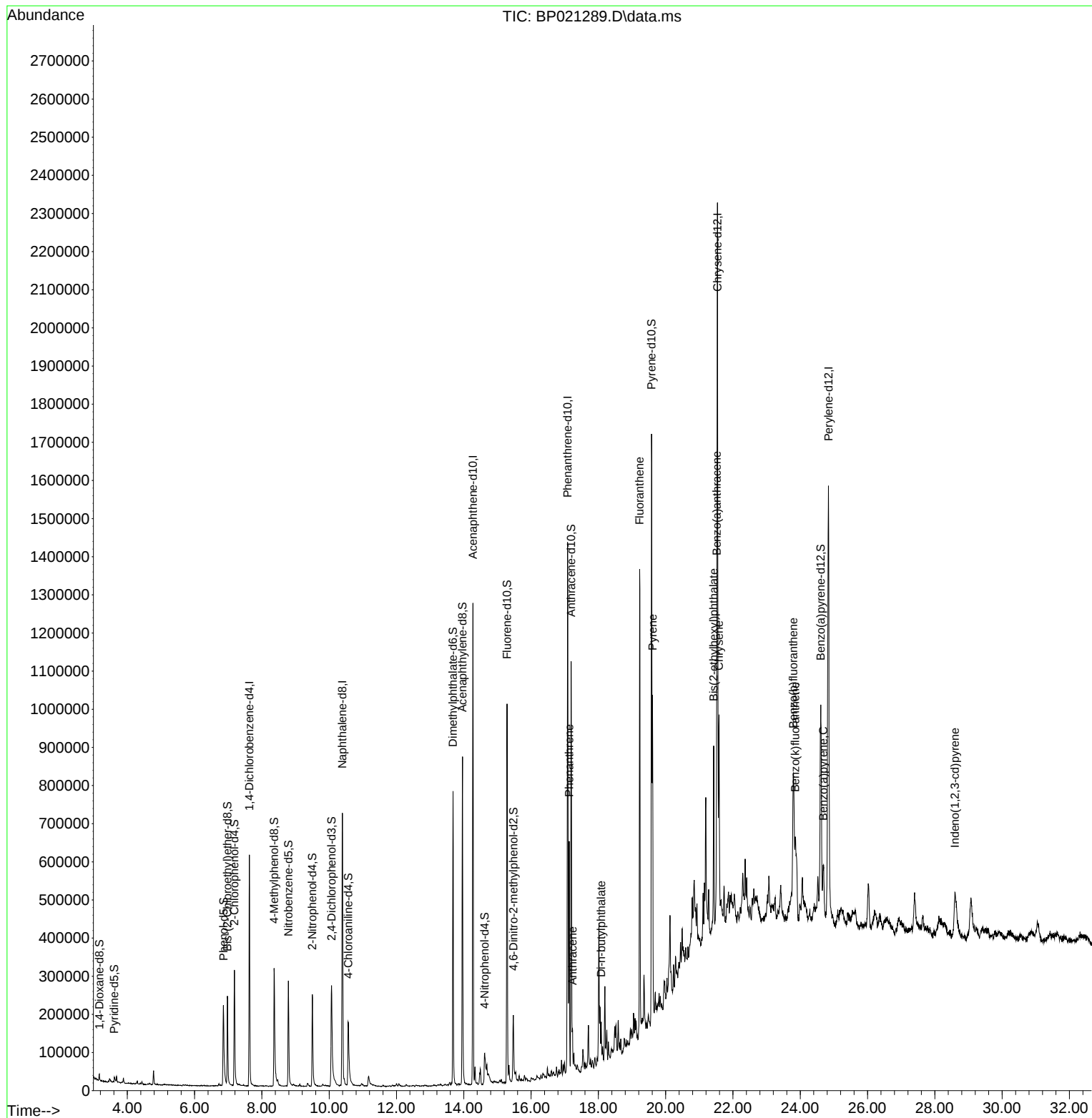
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021289.D
Acq On : 01 Aug 2024 11:57
Operator : CG/JU
Sample : P3264-16
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ALS Vial : 37 Sample Multiplier: 1

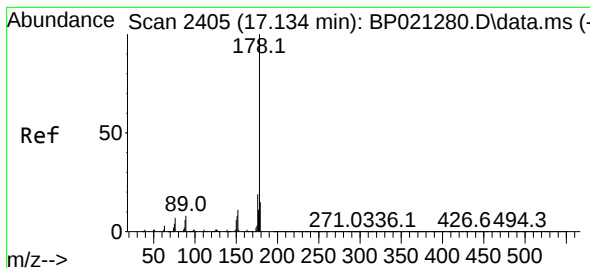
Instrument :
BNA_P
ClientSampleId :
A4CM3

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 8.013 ng/u1

RT: 17.133 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BP021289.D

Acq: 01 Aug 2024 11:57

Instrument :

BNA_P

ClientSampleId :

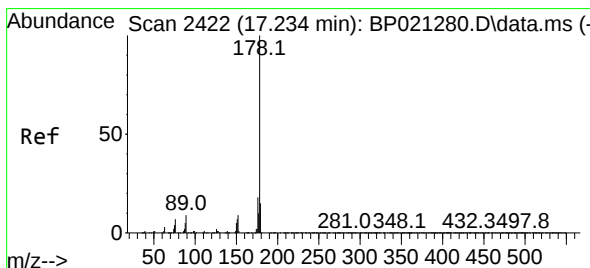
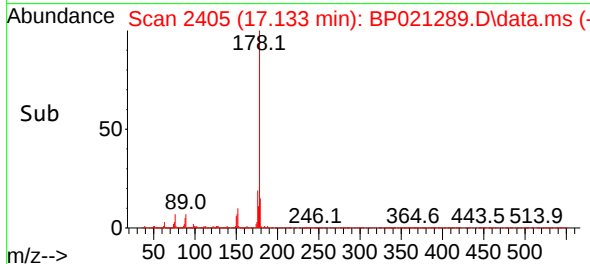
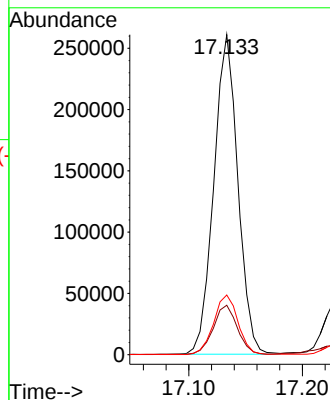
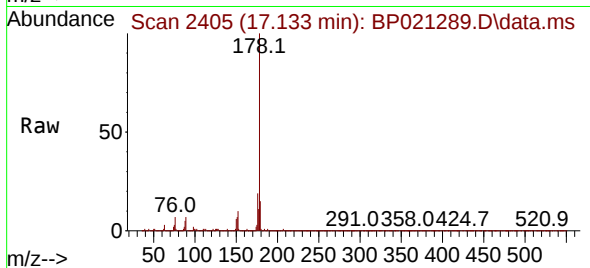
A4CM3

Tgt Ion:178	Resp:	383970
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.2 18.4
176	18.6	15.0 22.4

Manual Integrations

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#74

Anthracene

Concen: 1.292 ng/u1

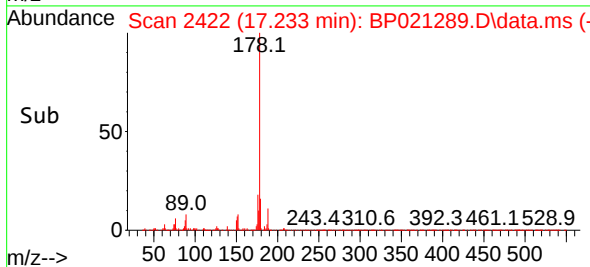
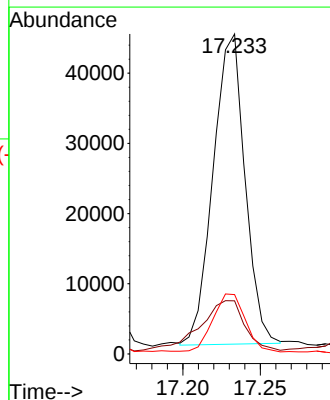
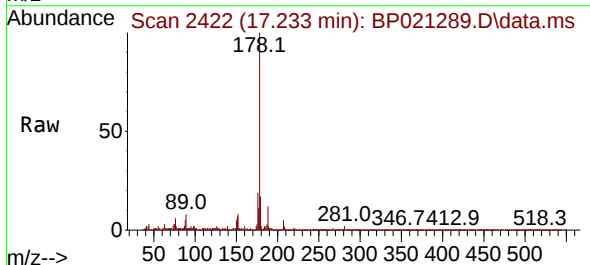
RT: 17.233 min Scan# 2422

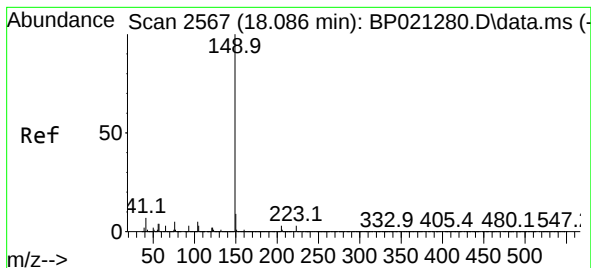
Delta R.T. 0.000 min

Lab File: BP021289.D

Acq: 01 Aug 2024 11:57

Tgt Ion:178	Resp:	63138
Ion Ratio	Lower	Upper
178	100	
179	16.6	12.5 18.7
176	18.6	14.8 22.2





#78

Di-n-butylphthalate

Concen: 1.187 ng/ul

RT: 18.086 min Scan# 2567

Delta R.T. -0.011 min

Lab File: BP021289.D

Acq: 01 Aug 2024 11:57

Instrument :

BNA_P

ClientSampleId :

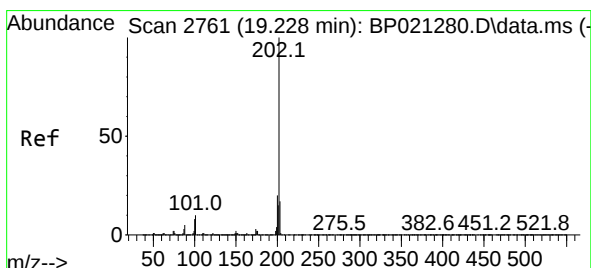
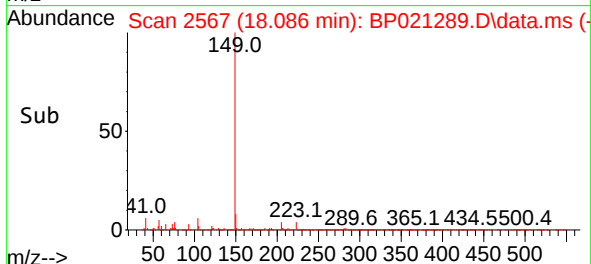
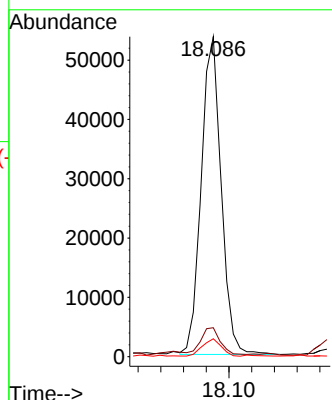
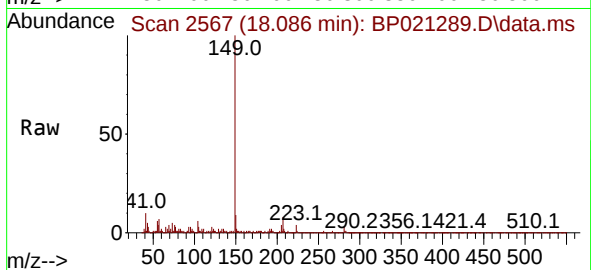
A4CM3

Tgt Ion:	149	Resp:	65379
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.0
104	5.6	3.9	5.9

Manual Integrations

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#80

Fluoranthene

Concen: 10.420 ng/ul

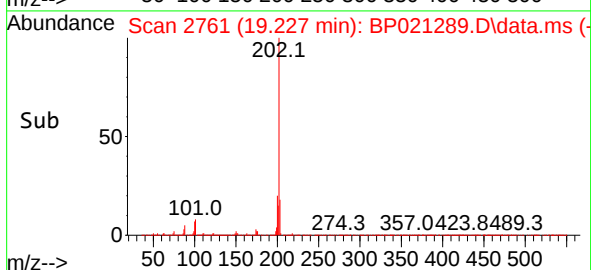
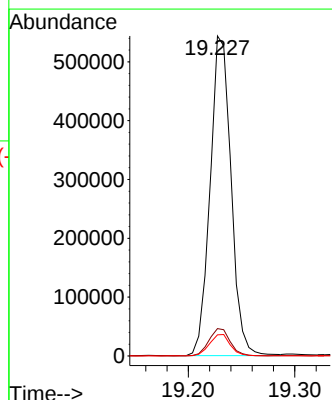
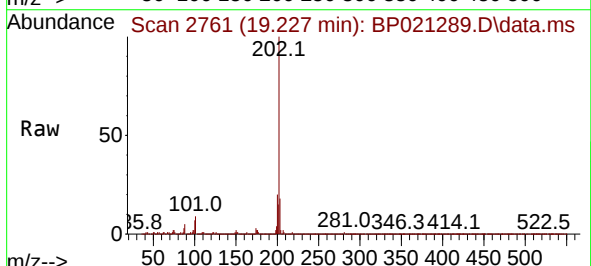
RT: 19.227 min Scan# 2761

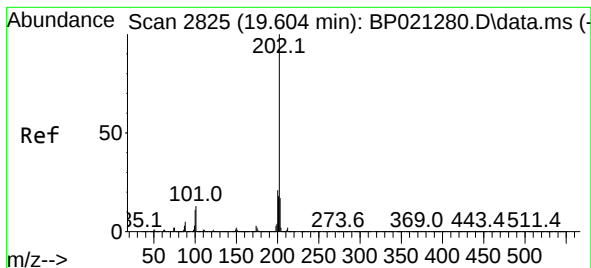
Delta R.T. -0.006 min

Lab File: BP021289.D

Acq: 01 Aug 2024 11:57

Tgt Ion:	202	Resp:	742098
Ion Ratio	Lower	Upper	
202	100		
101	8.5	8.0	12.0
100	6.6	6.1	9.1





#82

Pyrene

Concen: 7.396 ng/ul

RT: 19.610 min Scan# 2826

Delta R.T. 0.000 min

Lab File: BP021289.D

Acq: 01 Aug 2024 11:57

Instrument :

BNA_P

ClientSampleId :

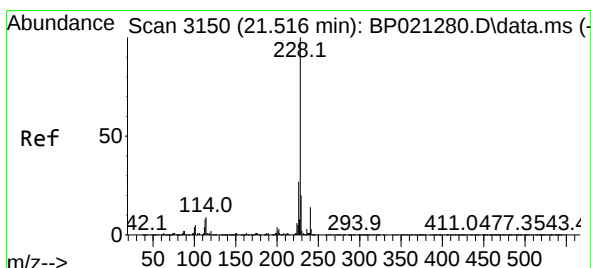
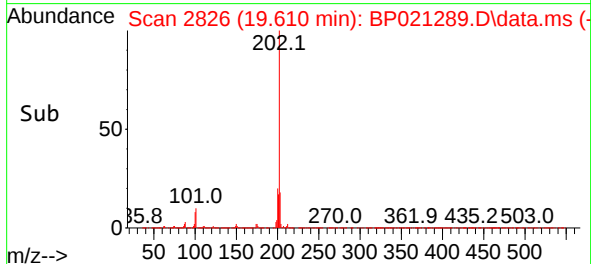
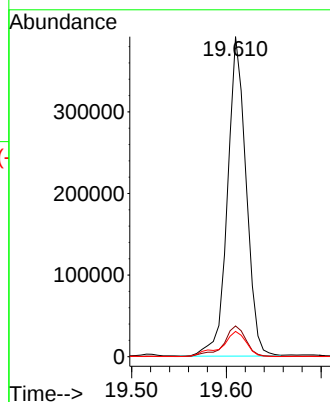
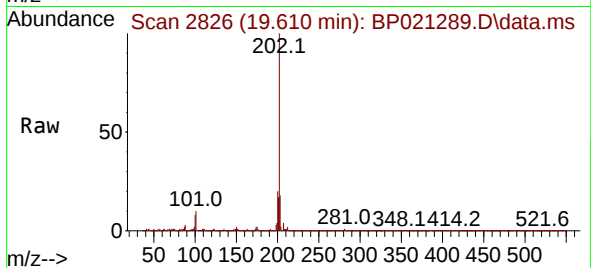
A4CM3

Tgt Ion:202 Resp: 53599
 Ion Ratio Lower Upper
 202 100
 101 9.6 9.4 14.2
 100 7.9 7.8 11.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 5.108 ng/ul

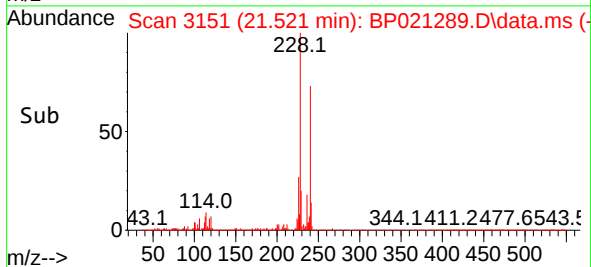
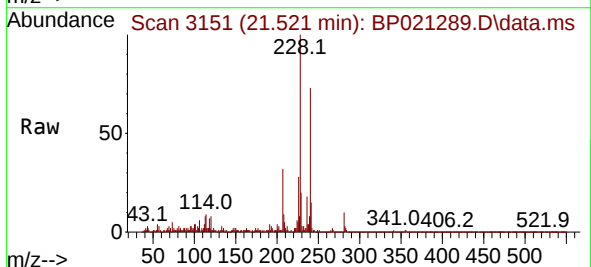
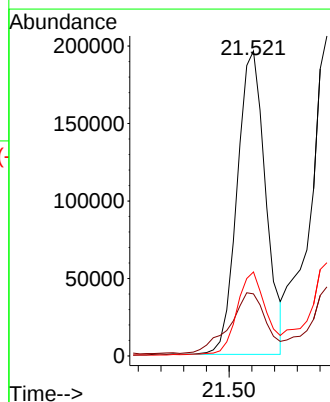
RT: 21.521 min Scan# 3151

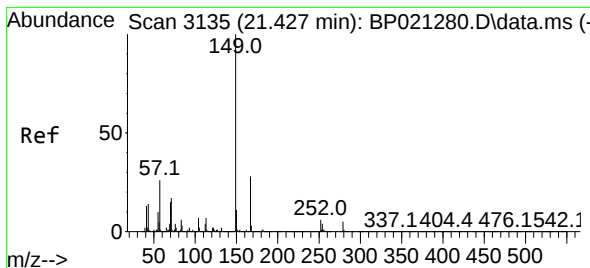
Delta R.T. 0.012 min

Lab File: BP021289.D

Acq: 01 Aug 2024 11:57

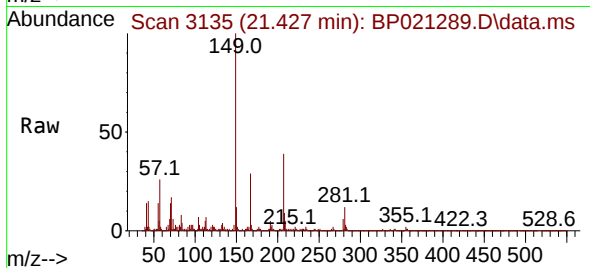
Tgt Ion:228 Resp: 341301
 Ion Ratio Lower Upper
 228 100
 229 20.4 15.5 23.3
 226 27.5 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.023 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP021289.D
Acq: 01 Aug 2024 11:57

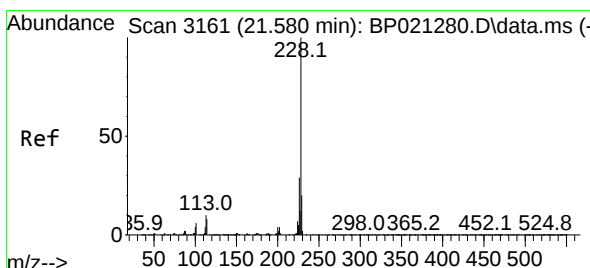
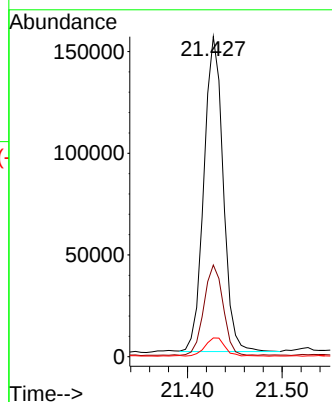
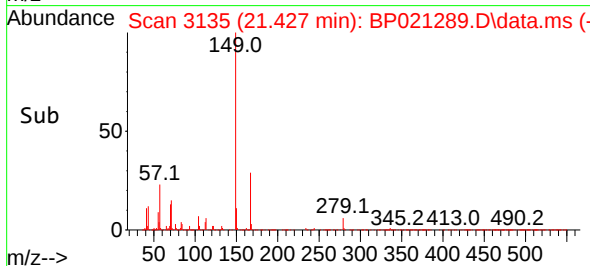
Instrument :
BNA_P
ClientSampleId :
A4CM3



Tgt Ion:149 Resp: 218279
Ion Ratio Lower Upper
149 100
167 28.7 22.1 33.1
279 5.9 3.7 5.5

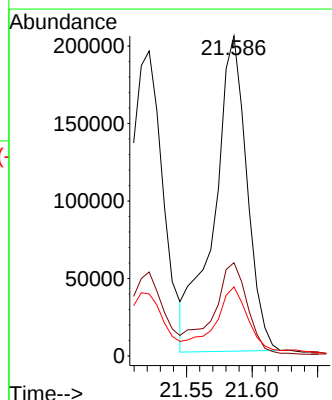
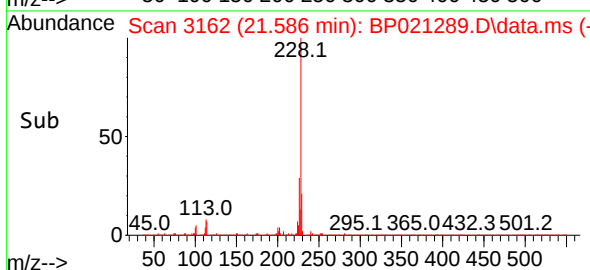
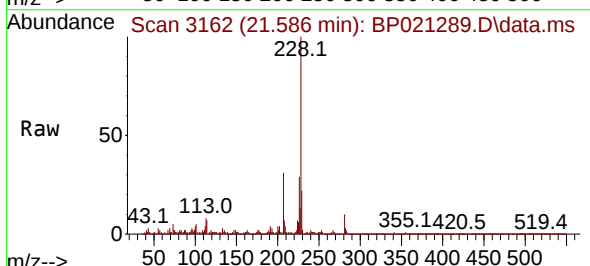
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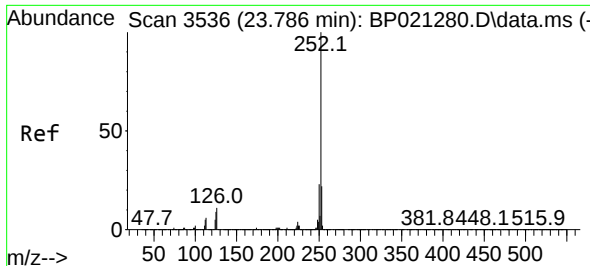
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#87
Chrysene
Concen: 5.721 ng/ul
RT: 21.586 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP021289.D
Acq: 01 Aug 2024 11:57

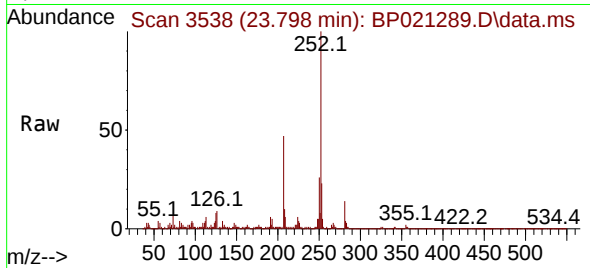
Tgt Ion:228 Resp: 355229
Ion Ratio Lower Upper
228 100
226 29.2 23.6 35.4
229 21.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 7.138 ng/ul
RT: 23.798 min Scan# 3538
Delta R.T. 0.012 min
Lab File: BP021289.D
Acq: 01 Aug 2024 11:57

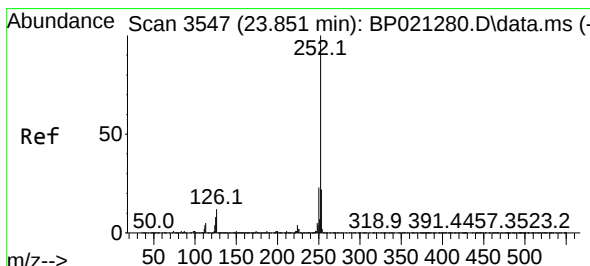
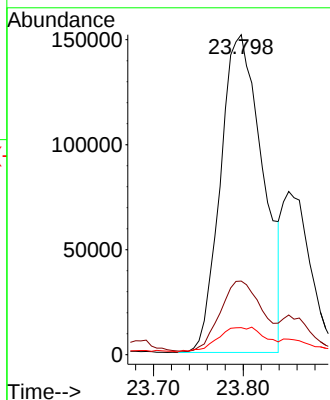
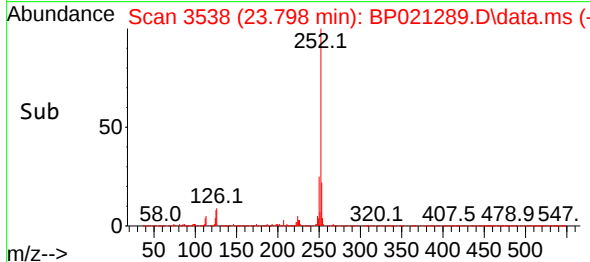
Instrument :
BNA_P
ClientSampleId :
A4CM3



Tgt Ion:252 Resp: 496130
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 8.4 7.0 10.4

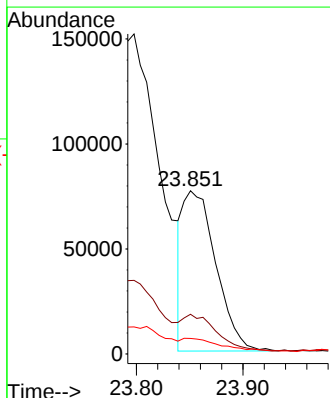
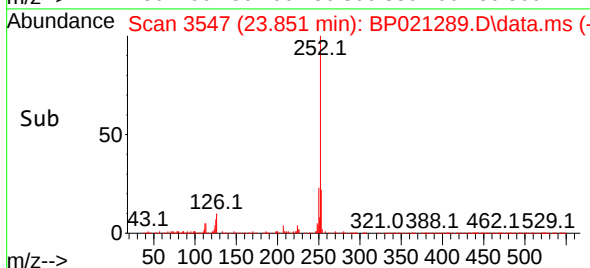
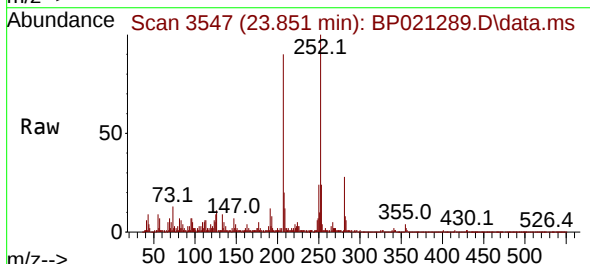
Manual Integrations
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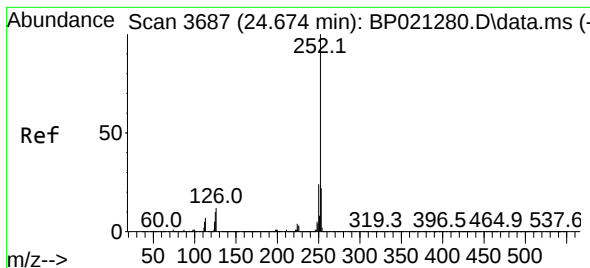
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#91
Benzo(k)fluoranthene
Concen: 2.366 ng/ul
RT: 23.851 min Scan# 3547
Delta R.T. 0.000 min
Lab File: BP021289.D
Acq: 01 Aug 2024 11:57

Tgt Ion:252 Resp: 164132
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 9.5 7.4 11.0





#93

Benzo(a)pyrene

Concen: 2.945 ng/ul

RT: 24.686 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP021289.D

Acq: 01 Aug 2024 11:57

Instrument :

BNA_P

ClientSampleId :

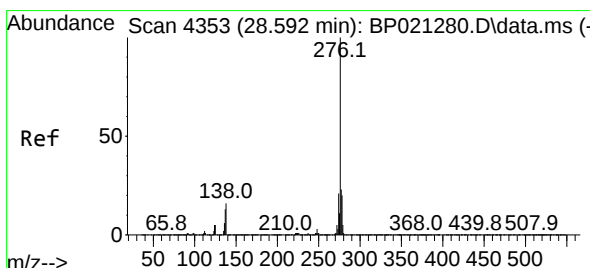
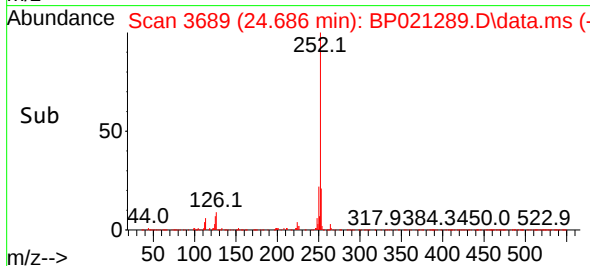
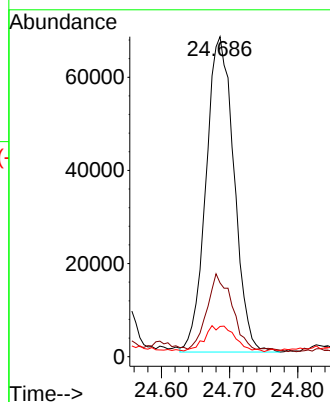
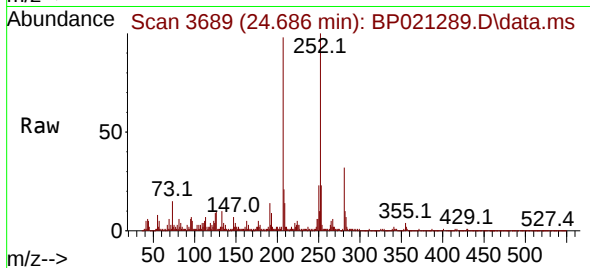
A4CM3

Tgt Ion:	252	Resp:	193410
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	9.5	7.7	11.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.194 ng/ul

RT: 28.598 min Scan# 4354

Delta R.T. 0.000 min

Lab File: BP021289.D

Acq: 01 Aug 2024 11:57

Tgt Ion:	276	Resp:	185682
Ion Ratio	Lower	Upper	
276	100		
138	14.6	14.3	21.5
277	23.9	19.2	28.8

