

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021329.D
 Acq On : 02 Aug 2024 20:54
 Operator : CG/JU
 Sample : P3263-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BD6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 23:17:52 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	7.616	152	180880	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.387	136	719413	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	440969	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	926735	20.000	ng/u1	-0.01
79) Chrysene-d12	21.527	240	974626	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1196181	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	16663	4.192	ng/uL	-0.01
4) Pyridine-d5	3.599	84	41545	3.610	ng/u1	0.00
7) Phenol-d5	6.846	99	314589	21.333	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	191447	21.422	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	270890	22.296	ng/u1	-0.01
15) 4-Methylphenol-d8	8.358	113	249564	20.376	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	123087	22.028	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	141581	22.137	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	241868	20.915	ng/u1	0.01
31) 4-Chloroaniline-d4	10.575	131	173303m	11.312	ng/u1	0.02
46) Dimethylphthalate-d6	13.681	166	744158	23.214	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	858372	23.847	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.616	143	104943m	23.009	ng/u1	0.03
60) Fluorene-d10	15.281	176	666642	25.349	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	86674	15.458	ng/u1	0.00
73) Anthracene-d10	17.192	188	1018544	24.745	ng/u1	0.00
81) Pyrene-d10	19.580	212	1169102	19.402	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	993049	16.833	ng/u1	0.00
Target Compounds					Qvalue	
56) Dibenzofuran	14.692	168	38497	1.039	ng/u1	98
72) Phenanthrene	17.128	178	746471	15.527	ng/u1	99
74) Anthracene	17.234	178	94270	1.923	ng/u1	98
77) Carbazole	17.539	167	60083	1.500	ng/u1#	96
80) Fluoranthene	19.228	202	1176399	16.167	ng/u1	99
82) Pyrene	19.610	202	775249	10.470	ng/u1	99
85) Benzo(a)anthracene	21.510	228	497096	7.281	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	80742	1.819	ng/u1#	97
87) Chrysene	21.574	228	545108	8.592	ng/u1	98
90) Benzo(b)fluoranthene	23.774	252	748976	10.318	ng/u1	97
91) Benzo(k)fluoranthene	23.839	252	226247	3.123	ng/u1	96
93) Benzo(a)pyrene	24.651	252	246581	3.595	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.562	276	244179	2.762	ng/u1	97
95) Dibenzo(a,h)anthracene	28.621	278	96909m	1.324	ng/u1	

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

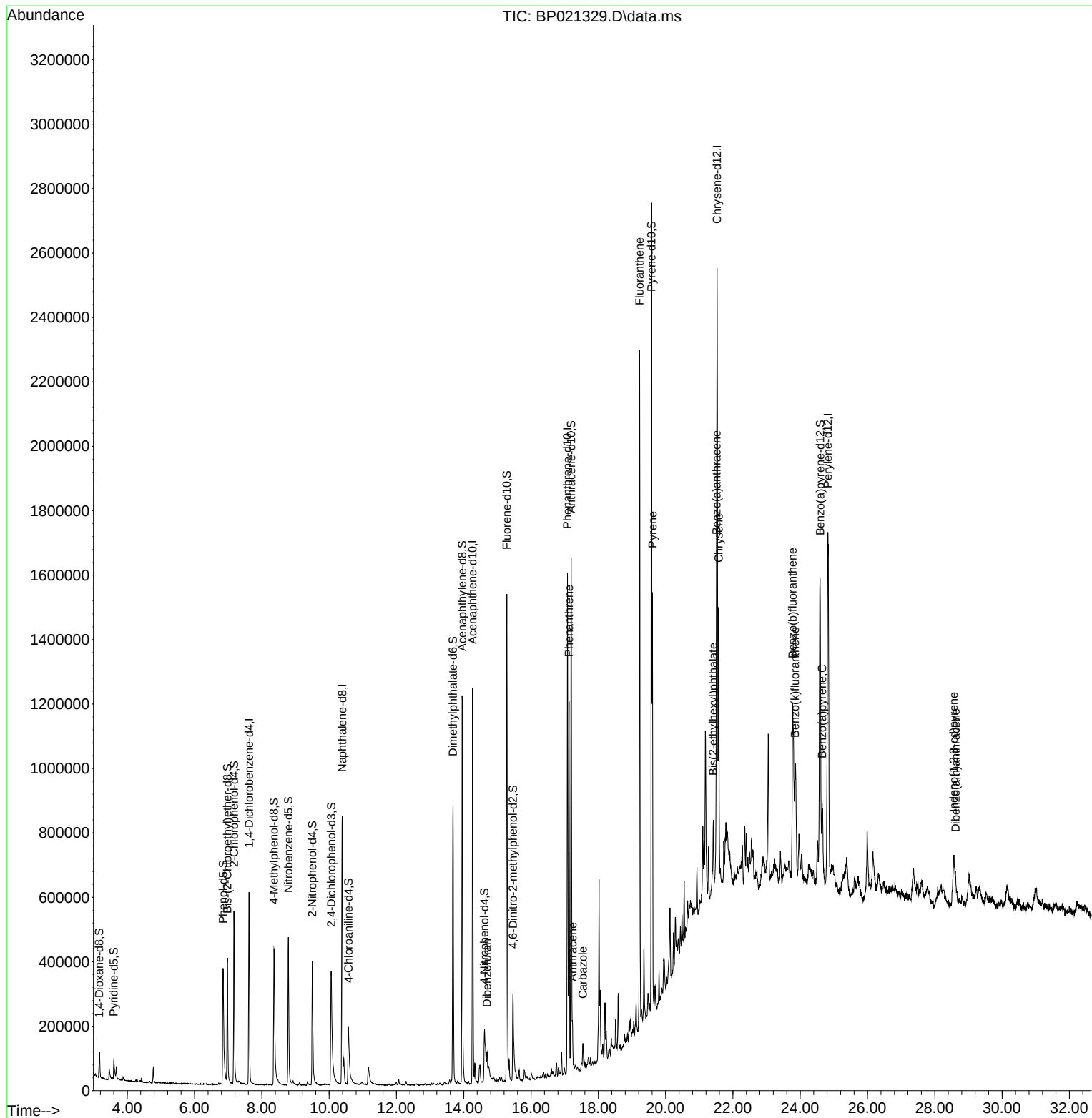
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021329.D
 Acq On : 02 Aug 2024 20:54
 Operator : CG/JU
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 Misc :
 ALS Vial : 11 Sample Multiplier: 1

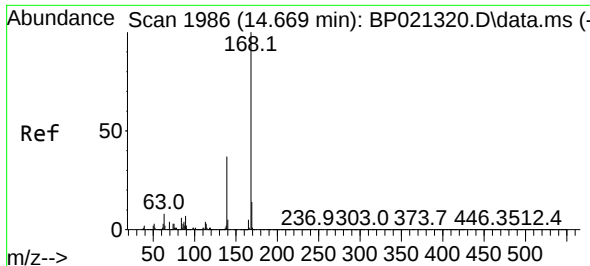
Instrument :
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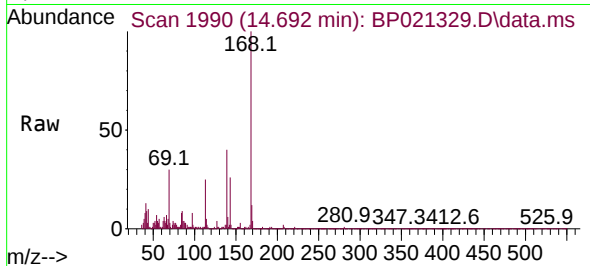
Quant Time: Aug 02 23:17:52 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration





#56
Dibenzenofuran
Concen: 1.039 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BP021329.D
Acq: 02 Aug 2024 20:54

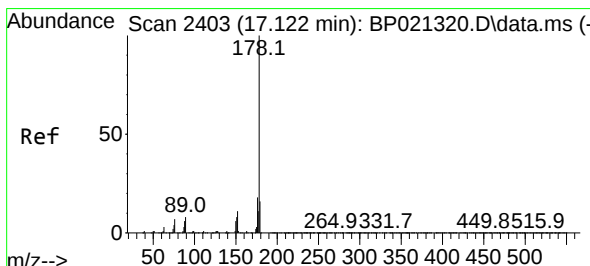
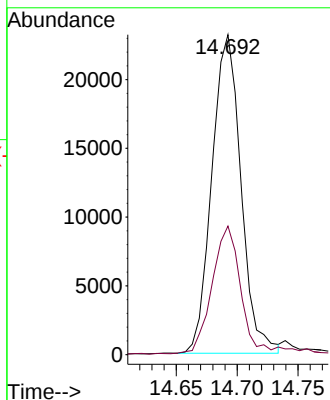
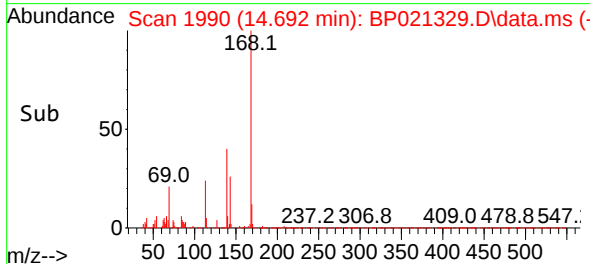
Instrument :
BNA_P
ClientSampleId :
A4BD6



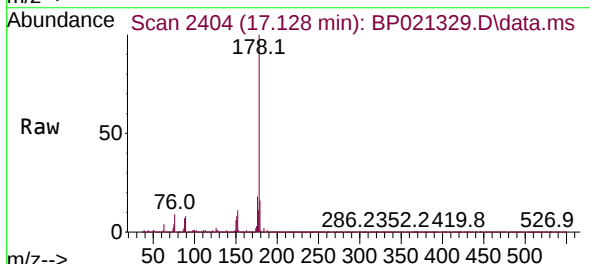
Tgt Ion:168 Resp: 3849
Ion Ratio Lower Upper
168 100
139 40.2 31.1 46.7

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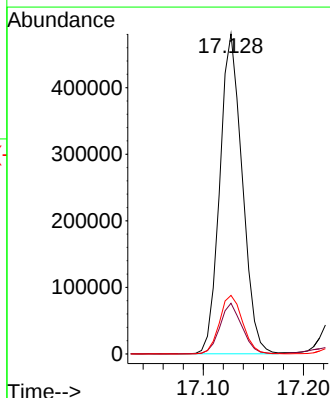
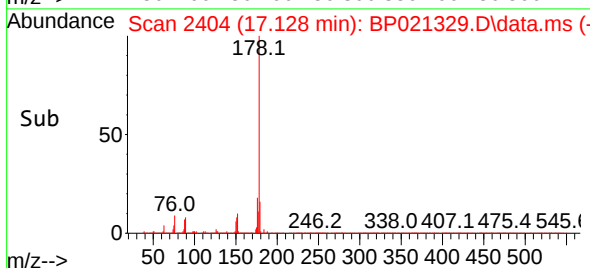
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024

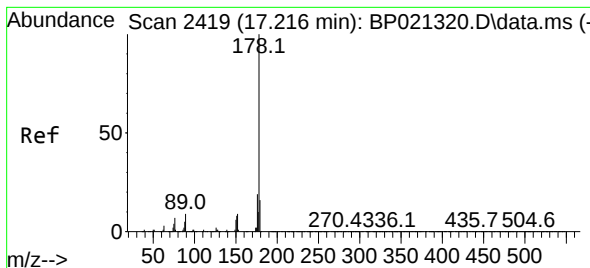


#72
Phenanthrene
Concen: 15.527 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BP021329.D
Acq: 02 Aug 2024 20:54



Tgt Ion:178 Resp: 746471
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 18.3 15.0 22.4





#74

Anthracene

Concen: 1.923 ng/ul

RT: 17.234 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP021329.D

Acq: 02 Aug 2024 20:54

Instrument :

BNA_P

ClientSampleId :

A4BD6

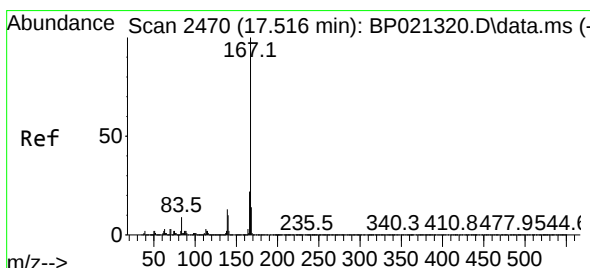
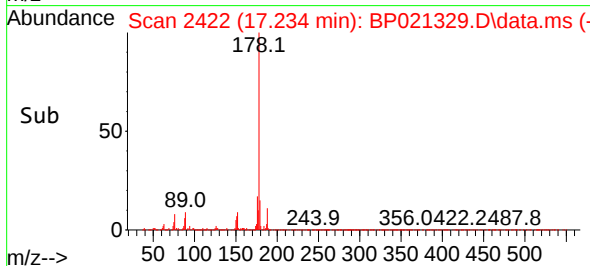
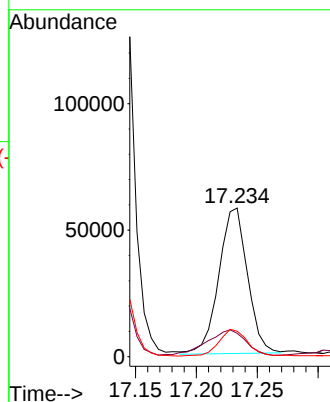
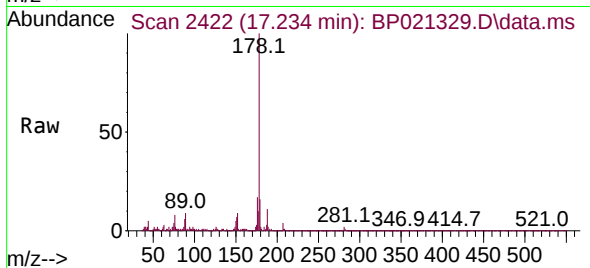
Tgt Ion:	178	Resp:	94270
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.5	18.7
176	17.1	14.8	22.2

Manual Integrations

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#77

Carbazole

Concen: 1.500 ng/ul

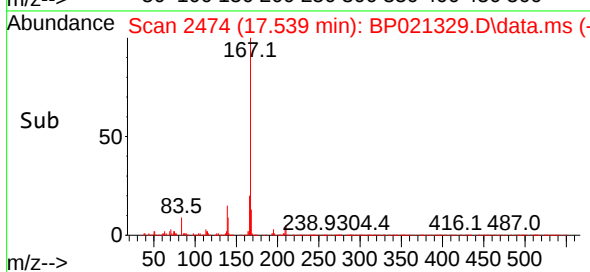
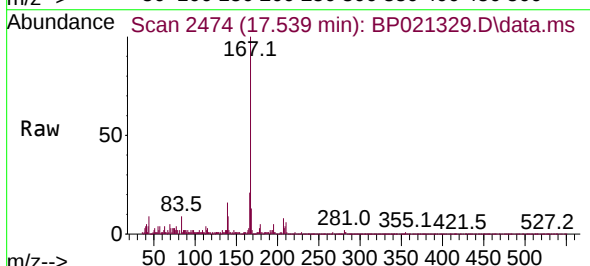
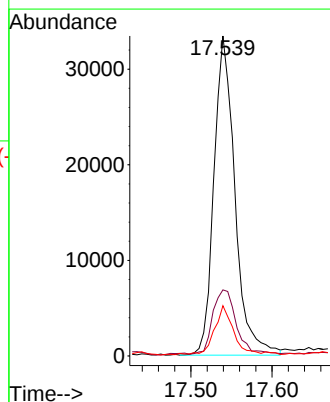
RT: 17.539 min Scan# 2474

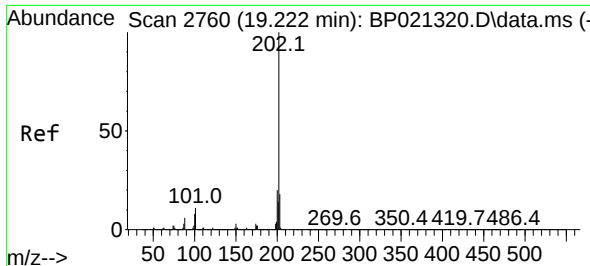
Delta R.T. 0.018 min

Lab File: BP021329.D

Acq: 02 Aug 2024 20:54

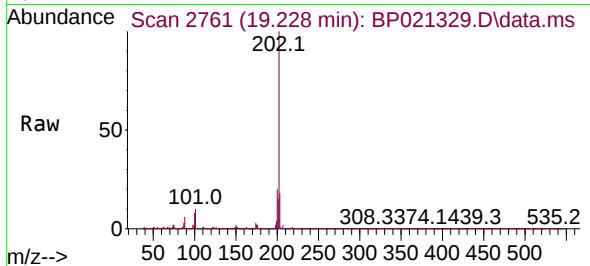
Tgt Ion:	167	Resp:	60083
Ion Ratio	Lower	Upper	
167	100		
166	20.7	17.3	25.9
139	15.7	10.2	15.2





#80
Fluoranthene
Concen: 16.167 ng/ul
RT: 19.228 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021329.D
Acq: 02 Aug 2024 20:54

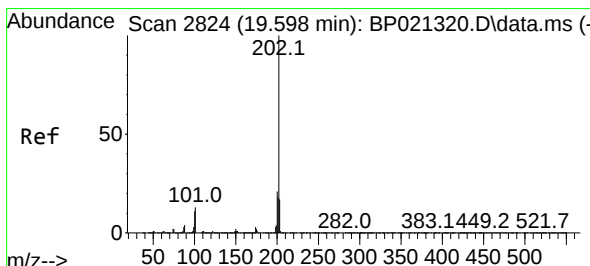
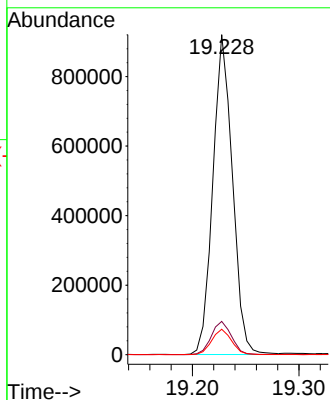
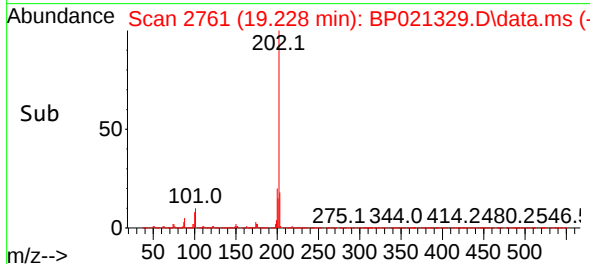
Instrument :
BNA_P
ClientSampleId :
A4BD6



Tgt Ion:202 Resp: 1176399
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 7.9 6.1 9.1

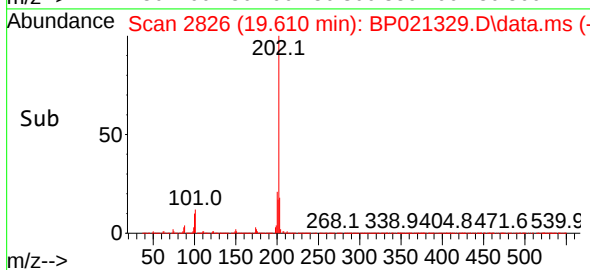
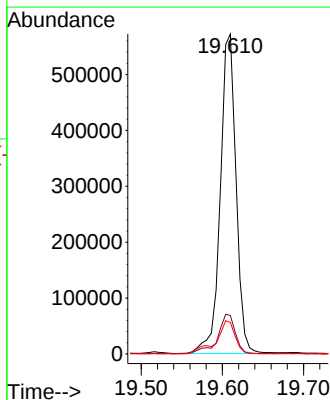
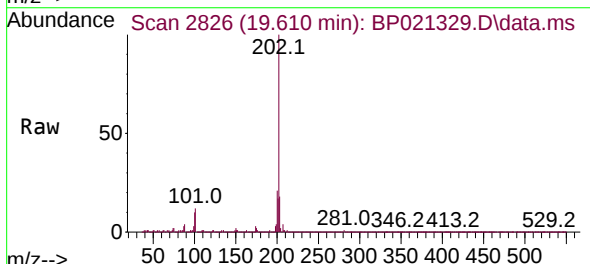
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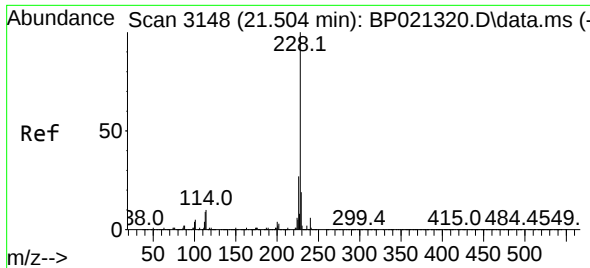
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#82
Pyrene
Concen: 10.470 ng/ul
RT: 19.610 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BP021329.D
Acq: 02 Aug 2024 20:54

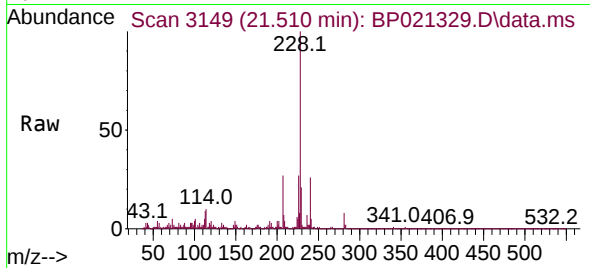
Tgt Ion:202 Resp: 775249
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 9.9 7.8 11.6





#85
 Benzo(a)anthracene
 Concen: 7.281 ng/ul
 RT: 21.510 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: BP021329.D
 Acq: 02 Aug 2024 20:54

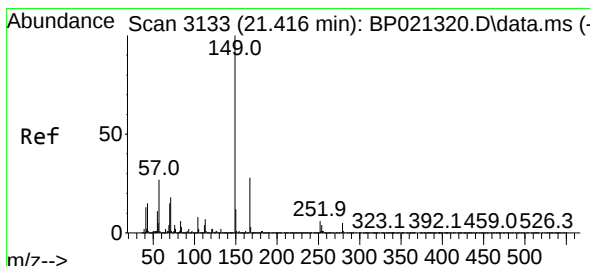
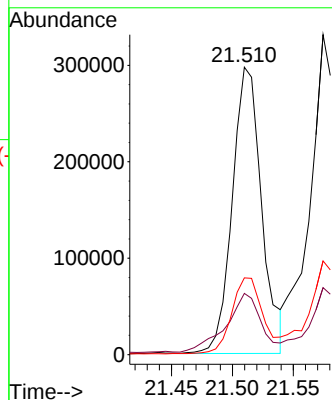
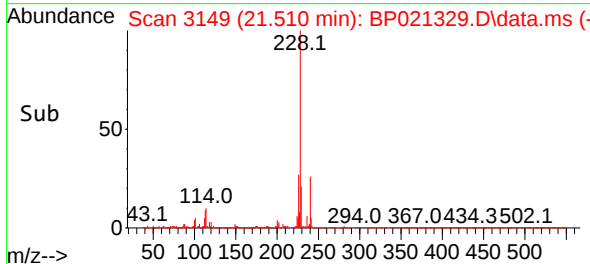
Instrument :
 BNA_P
 ClientSampleId :
 A4BD6



Tgt Ion:228 Resp: 497090
 Ion Ratio Lower Upper
 228 100
 229 21.3 15.5 23.3
 226 26.7 21.4 32.2

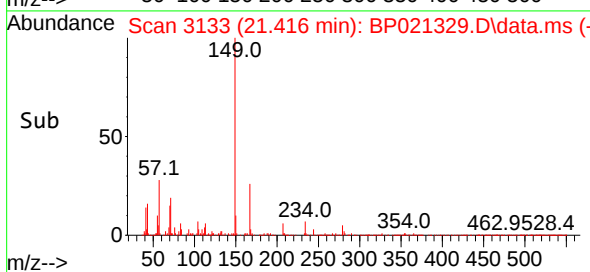
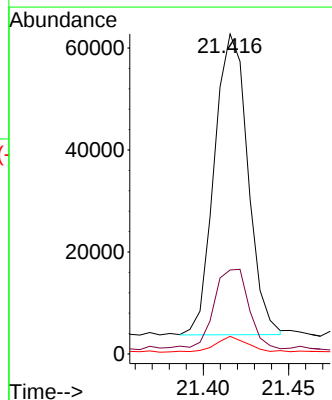
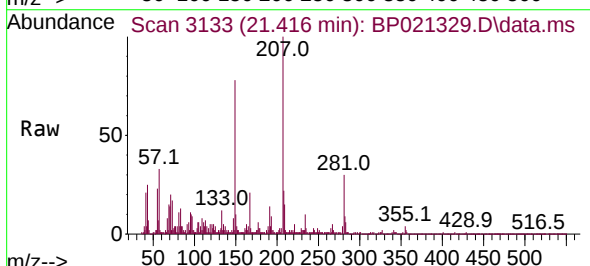
Manual Integrations
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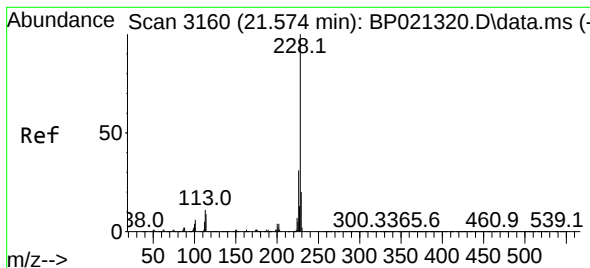
Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.819 ng/ul
 RT: 21.416 min Scan# 3133
 Delta R.T. -0.005 min
 Lab File: BP021329.D
 Acq: 02 Aug 2024 20:54

Tgt Ion:149 Resp: 80742
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.1 33.1
 279 5.5 3.7 5.5#





#87

Chrysene

Concen: 8.592 ng/ul

RT: 21.574 min Scan# 3160

Delta R.T. -0.011 min

Lab File: BP021329.D

Acq: 02 Aug 2024 20:54

Instrument :

BNA_P

ClientSampleId :

A4BD6

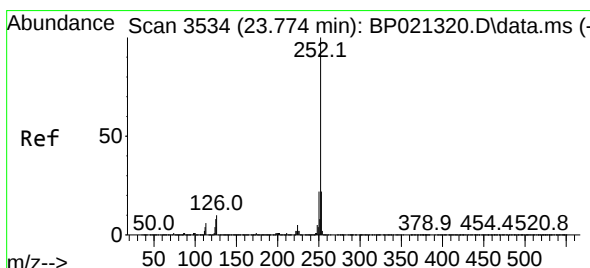
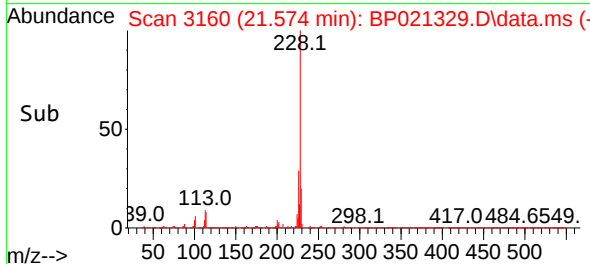
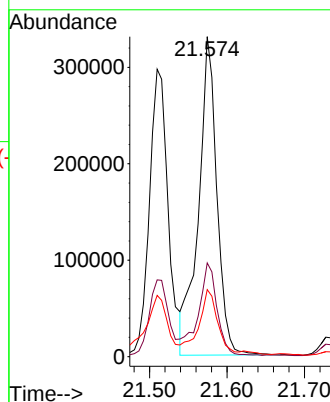
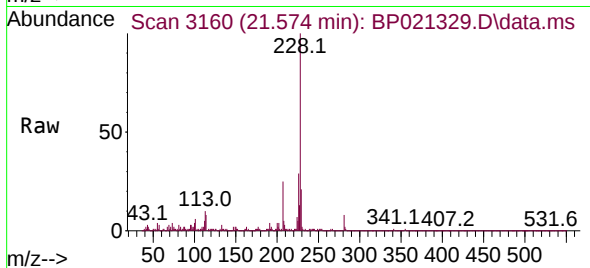
Tgt Ion:228	Resp: 545108
Ion Ratio	Lower Upper
228 100	
226 29.3	23.6 35.4
229 21.0	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#90

Benzo(b)fluoranthene

Concen: 10.318 ng/ul

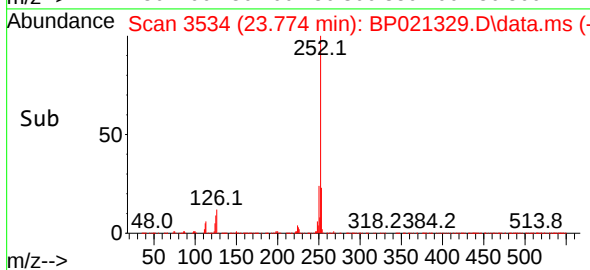
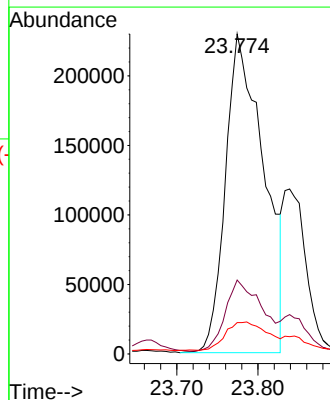
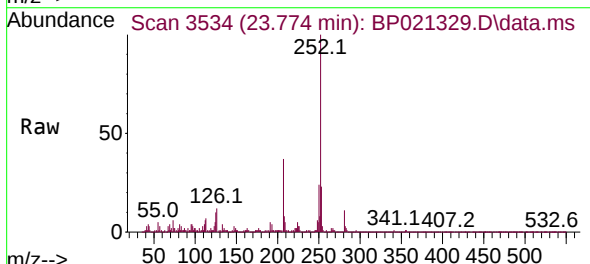
RT: 23.774 min Scan# 3534

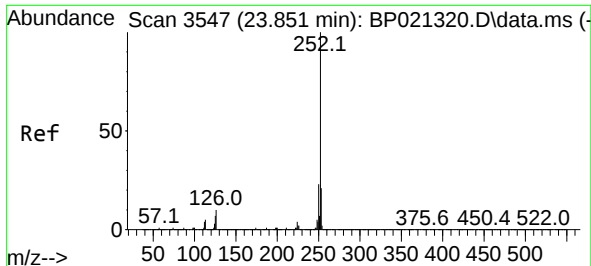
Delta R.T. -0.011 min

Lab File: BP021329.D

Acq: 02 Aug 2024 20:54

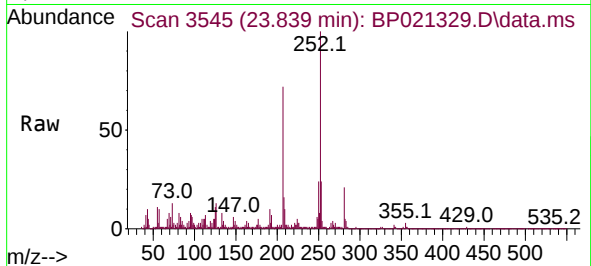
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Ion Ratio	Lower Upper
252 100	
253 23.1	17.1 25.7
125 9.8	7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 3.123 ng/u1
RT: 23.839 min Scan# 31
Delta R.T. -0.011 min
Lab File: BP021329.D
Acq: 02 Aug 2024 20:54

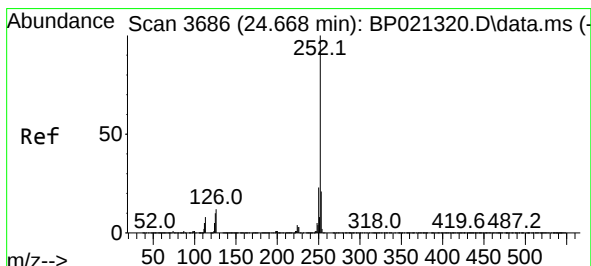
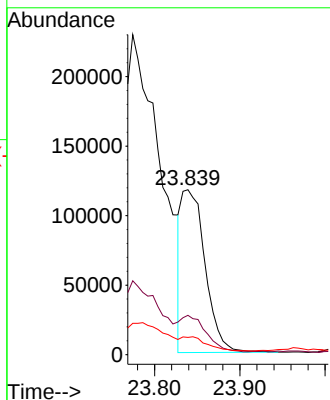
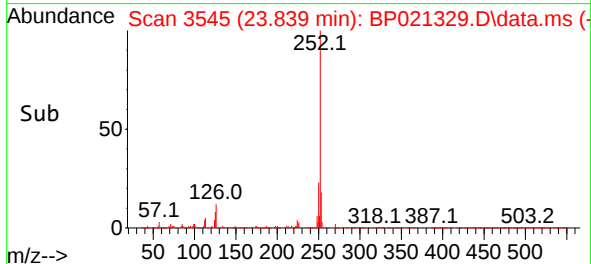
Instrument :
BNA_P
ClientSampleId :
A4BD6



Tgt Ion:252 Resp: 22624
Ion Ratio Lower Upper
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253 23.8 17.4 26.2
125 10.5 7.4 11.0

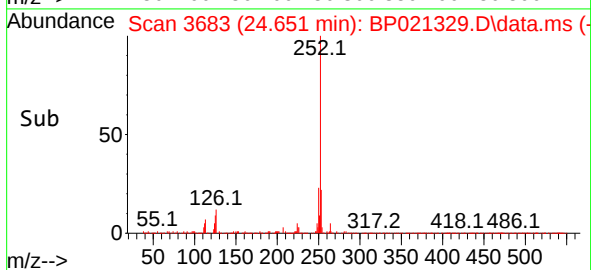
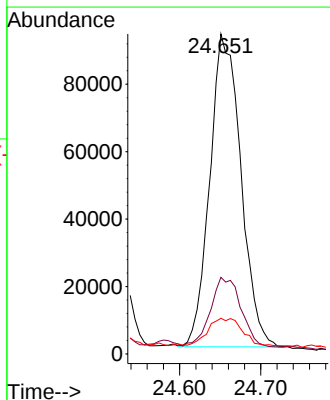
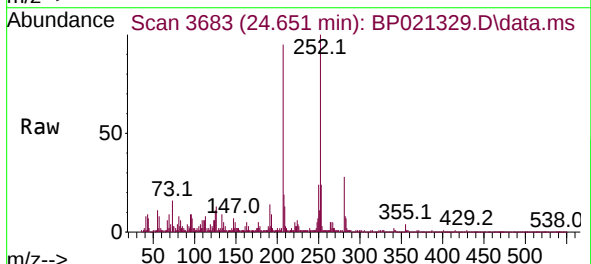
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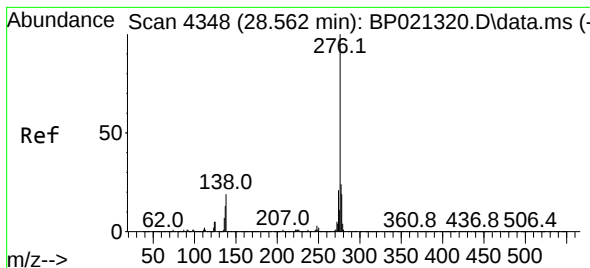
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#93
Benzo(a)pyrene
Concen: 3.595 ng/u1
RT: 24.651 min Scan# 3683
Delta R.T. -0.029 min
Lab File: BP021329.D
Acq: 02 Aug 2024 20:54

Tgt Ion:252 Resp: 246581
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 11.2 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.762 ng/ul

RT: 28.562 min Scan# 4348

Delta R.T. -0.035 min

Lab File: BP021329.D

Acq: 02 Aug 2024 20:54

Instrument :

BNA_P

ClientSampleId :

A4BD6

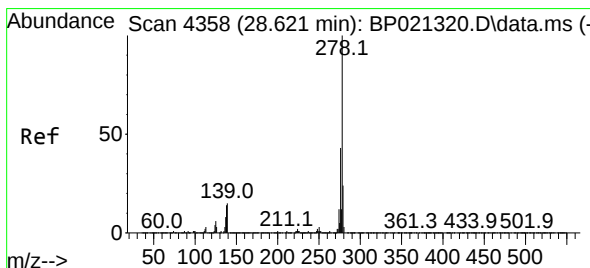
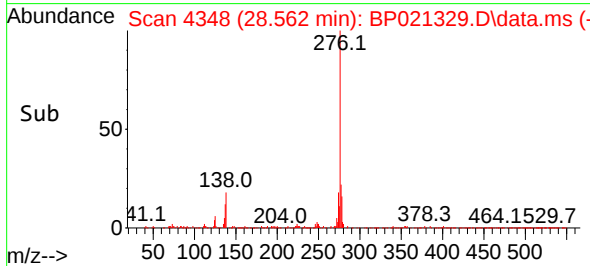
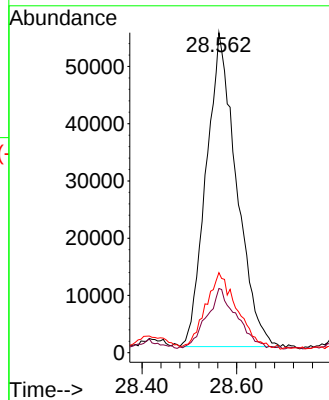
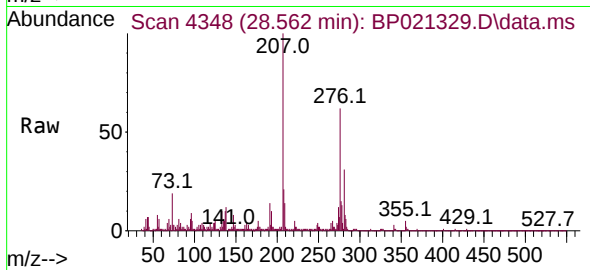
Tgt Ion:	276	Resp:	244179
Ion Ratio	Lower	Upper	
276	100		
138	20.1	14.3	21.5
277	25.0	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.324 ng/ul m

RT: 28.621 min Scan# 4358

Delta R.T. -0.017 min

Lab File: BP021329.D

Acq: 02 Aug 2024 20:54

Tgt Ion:	278	Resp:	96909
Ion Ratio	Lower	Upper	
278	100		
139	19.2	10.9	16.3#
279	32.4	19.4	29.0#

