

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021290.D
 Acq On : 01 Aug 2024 12:40
 Operator : CG/JU
 Sample : P3347-14DL 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AY8DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 01:28:13 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	157456	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	659879	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.257	164	458905	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.086	188	1020303	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	848762	20.000	ng/u1	# 0.00
88) Perylene-d12	24.845	264	904771	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	782	0.226	ng/uL	0.00
4) Pyridine-d5	3.634	84	8915m	0.890	ng/u1	0.04
7) Phenol-d5	6.899	99	10819m	0.843	ng/u1	0.05
9) Bis-(2-Chloroethyl)eth...	6.993	67	13702	1.761	ng/u1	0.01
11) 2-Chlorophenol-d4	7.193	132	22513	2.129	ng/u1	0.01
15) 4-Methylphenol-d8	8.387	113	22235m	2.086	ng/u1	0.02
21) Nitrobenzene-d5	8.804	128	11822m	2.307	ng/u1	0.01
24) 2-Nitrophenol-d4	9.510	143	13237m	2.256	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	25200	2.376	ng/u1	0.02
31) 4-Chloroaniline-d4	10.569	131	39567	2.816	ng/u1	0.01
46) Dimethylphthalate-d6	13.675	166	97833	2.933	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	101163	2.701	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.281	176	86117	3.147	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.186	188	144359	3.186	ng/u1	0.00
81) Pyrene-d10	19.574	212	172227	3.282	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	140889	3.157	ng/u1	0.02
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	9.646	107	22095m	1.831	ng/u1	
30) Naphthalene	10.440	128	2407169	69.351	ng/u1	100
36) 2-Methylnaphthalene	12.051	142	147356	6.185	ng/u1	95
37) 1-Methylnaphthalene	12.281	142	171047	6.980	ng/u1	99
43) 1,1'-Biphenyl	13.075	154	44598	1.330	ng/u1	96
52) Acenaphthene	14.328	153	822169	29.207	ng/u1	99
56) Dibenzofuran	14.675	168	305451	7.924	ng/u1	95
61) Fluorene	15.339	166	255482	8.122	ng/u1	99
72) Phenanthrene	17.128	178	888300	16.783	ng/u1	100
74) Anthracene	17.228	178	133102	2.467	ng/u1	98
77) Carbazole	17.528	167	178197	4.040	ng/u1	98
80) Fluoranthene	19.227	202	428757	6.766	ng/u1	99
82) Pyrene	19.610	202	287971	4.466	ng/u1#	95
85) Benzo(a)anthracene	21.516	228	77636	1.306	ng/u1	98
87) Chrysene	21.586	228	58987	1.068	ng/u1	97

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

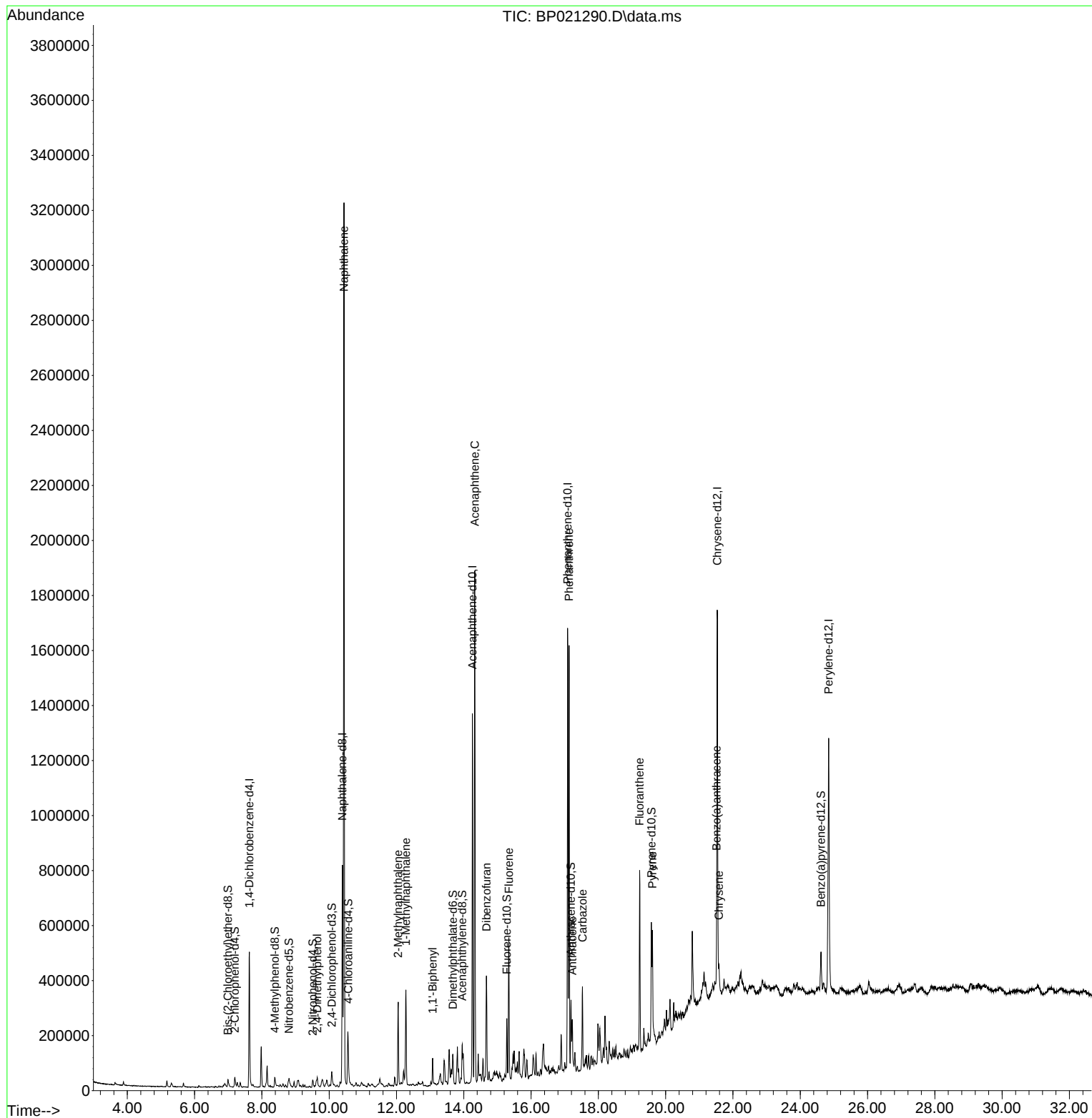
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021290.D
Acq On : 01 Aug 2024 12:40
Operator : CG/JU
Sample : P3347-14DL 10X
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ALS Vial : 38 Sample Multiplier: 1

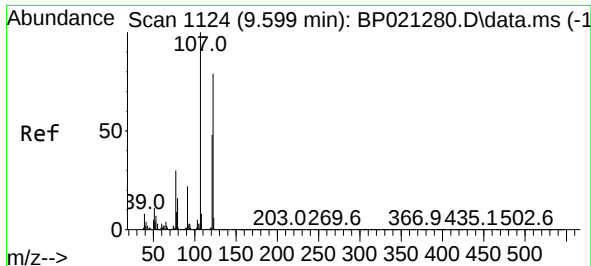
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ClientSampleId :
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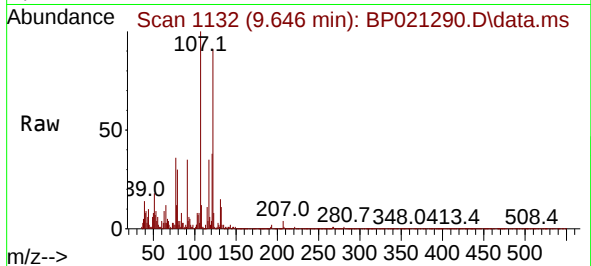
Quant Time: Aug 02 01:28:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 1.831 ng/ul m
RT: 9.646 min Scan# 1124
Delta R.T. 0.041 min
Lab File: BP021290.D
Acq: 01 Aug 2024 12:40

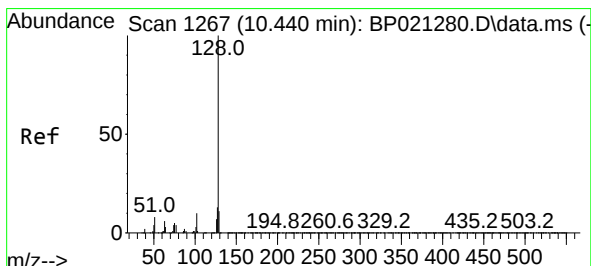
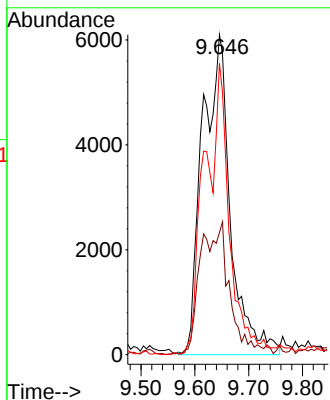
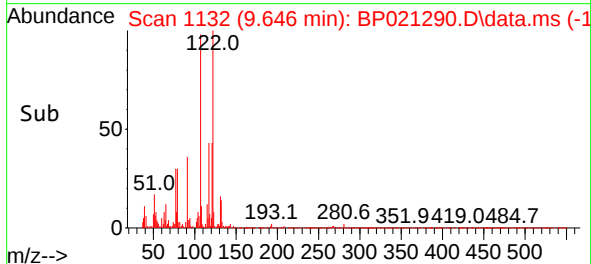
Instrument :
BNA_P
ClientSampleId :
C0AY8DL



Tgt Ion:107 Resp: 2209
Ion Ratio Lower Upper
107 100
121 38.2 39.6 59.4
122 91.1 66.3 99.5

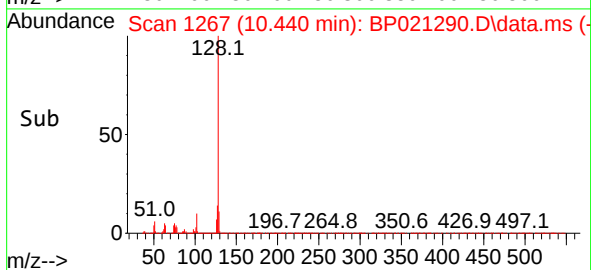
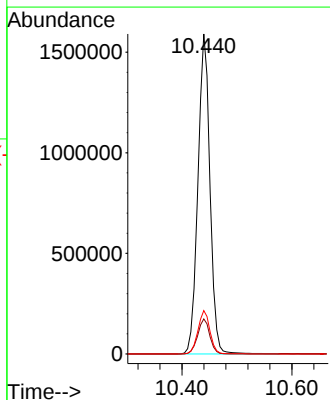
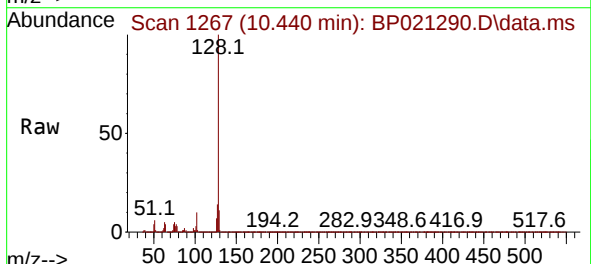
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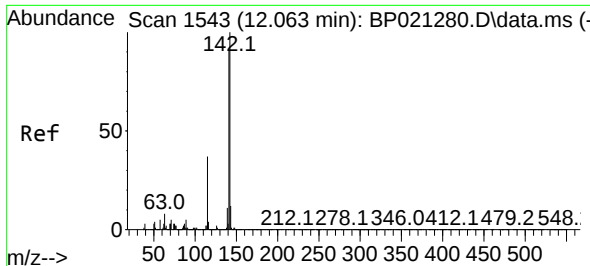
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#30
Naphthalene
Concen: 69.351 ng/ul
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BP021290.D
Acq: 01 Aug 2024 12:40

Tgt Ion:128 Resp: 2407169
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.8 16.2





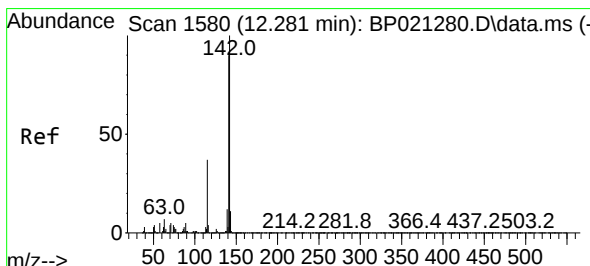
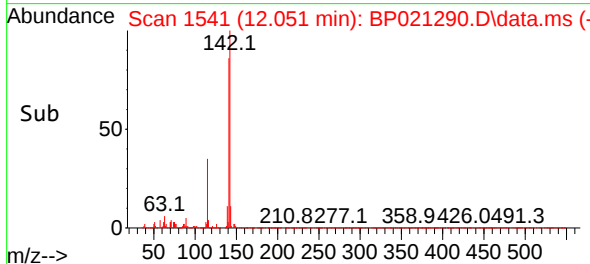
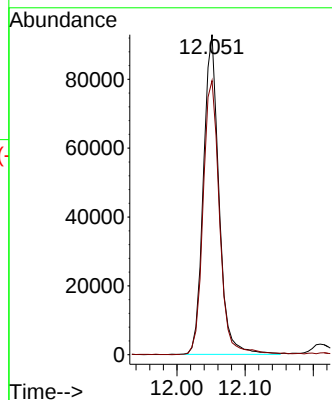
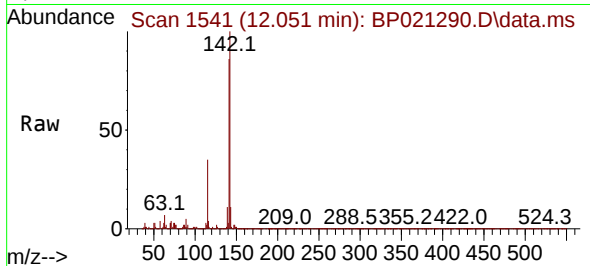
#36
2-Methylnaphthalene
Concen: 6.185 ng/ul
RT: 12.051 min Scan# 1543
Delta R.T. -0.017 min
Lab File: BP021290.D
Acq: 01 Aug 2024 12:40

Instrument :
BNA_P
ClientSampleId :
C0AY8DL

Tgt Ion:142 Resp: 147350
Ion Ratio Lower Upper
142 100
141 85.7 72.6 108.8

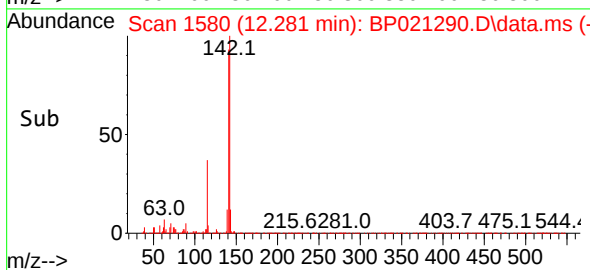
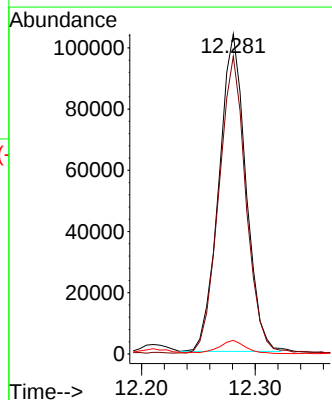
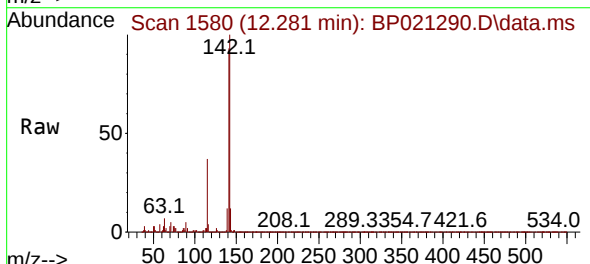
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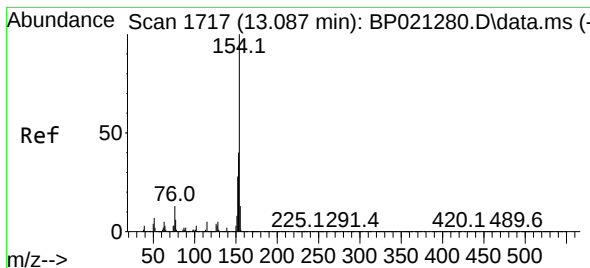
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#37
1-Methylnaphthalene
Concen: 6.980 ng/ul
RT: 12.281 min Scan# 1580
Delta R.T. -0.011 min
Lab File: BP021290.D
Acq: 01 Aug 2024 12:40

Tgt Ion:142 Resp: 171047
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.6
116 4.3 3.2 4.8





#43

1,1'-Biphenyl

Concen: 1.330 ng/ul

RT: 13.075 min Scan# 1715

Delta R.T. -0.011 min

Lab File: BP021290.D

Acq: 01 Aug 2024 12:40

Instrument :

BNA_P

ClientSampleId :

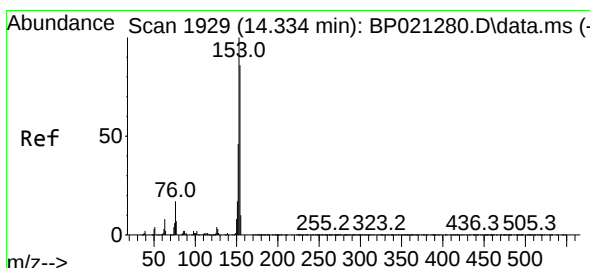
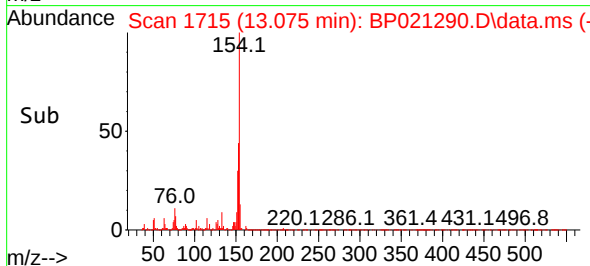
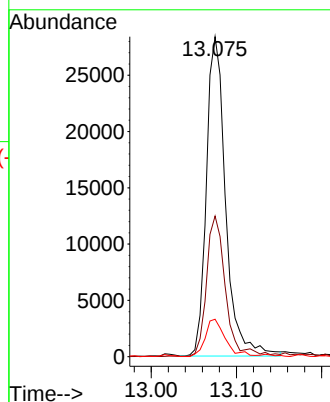
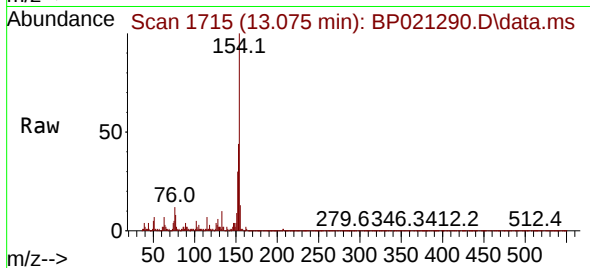
C0AY8DL

Tgt Ion:	154	Resp:	44598
Ion Ratio	Lower	Upper	
154	100		
153	43.9	32.7	49.1
76	11.7	9.4	14.2

Manual Integrations

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#52

Acenaphthene

Concen: 29.207 ng/ul

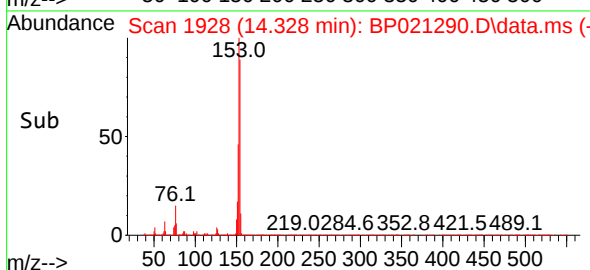
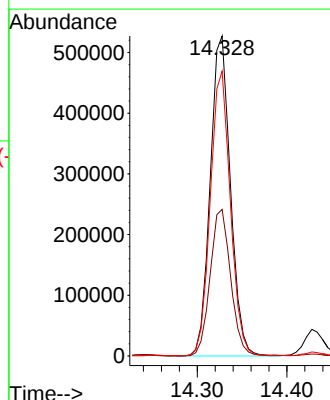
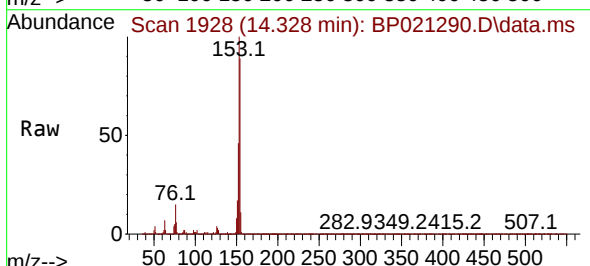
RT: 14.328 min Scan# 1928

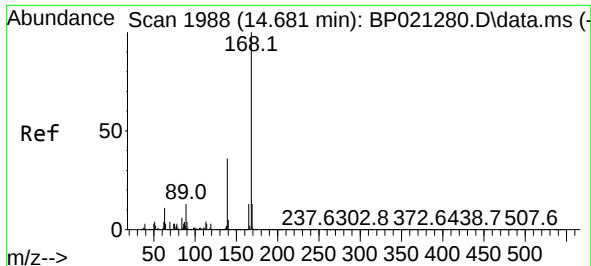
Delta R.T. -0.011 min

Lab File: BP021290.D

Acq: 01 Aug 2024 12:40

Tgt Ion:	153	Resp:	822169
Ion Ratio	Lower	Upper	
153	100		
152	45.8	37.8	56.6
154	89.0	71.8	107.6





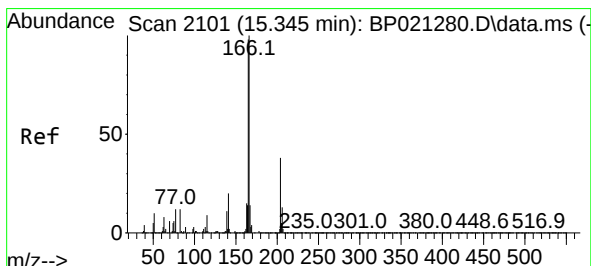
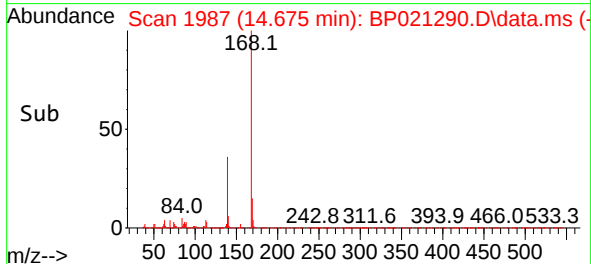
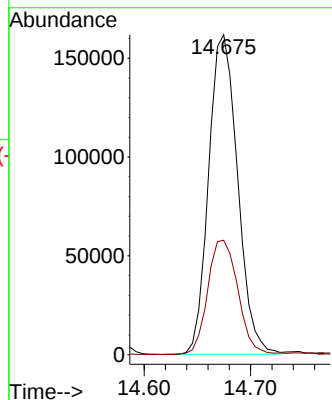
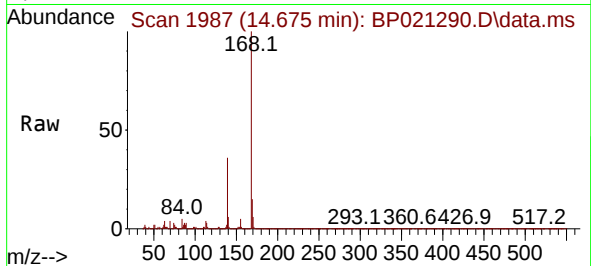
#56
Dibenzofuran
Concen: 7.924 ng/ul
RT: 14.675 min Scan# 1988
Delta R.T. -0.011 min
Lab File: BP021290.D
Acq: 01 Aug 2024 12:40

Instrument :
BNA_P
ClientSampleId :
C0AY8DL

Tgt Ion:168 Resp: 30545
Ion Ratio Lower Upper
168 100
139 35.8 31.1 46.7

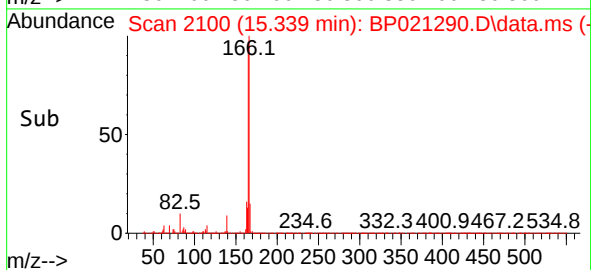
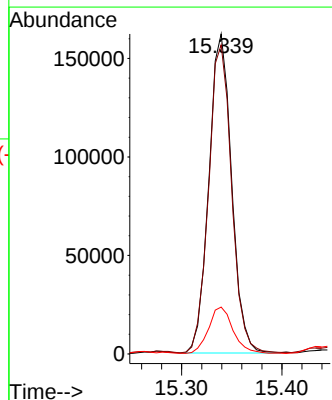
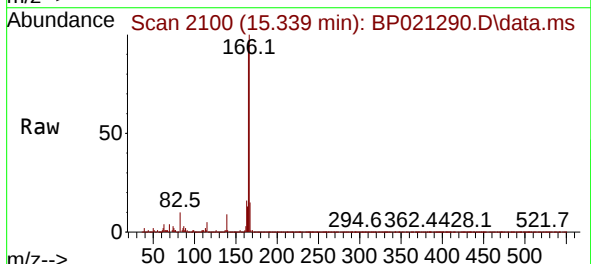
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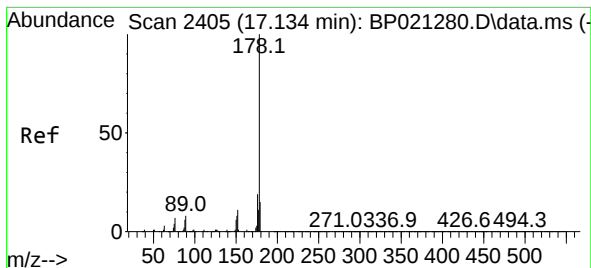
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#61
Fluorene
Concen: 8.122 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BP021290.D
Acq: 01 Aug 2024 12:40

Tgt Ion:166 Resp: 255482
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 14.7 10.9 16.3





#72

Phenanthrene

Concen: 16.783 ng/ul

RT: 17.128 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BP021290.D

Acq: 01 Aug 2024 12:40

Instrument :

BNA_P

ClientSampleId :

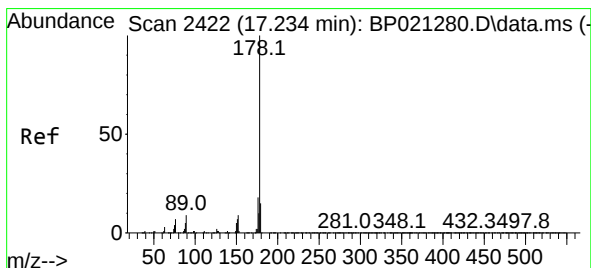
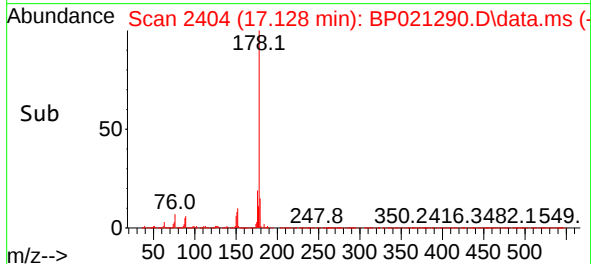
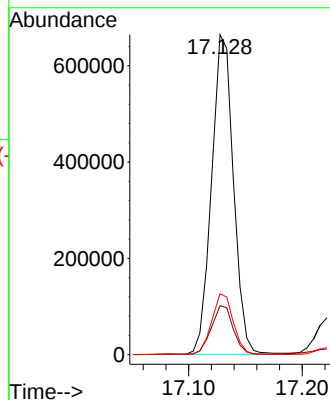
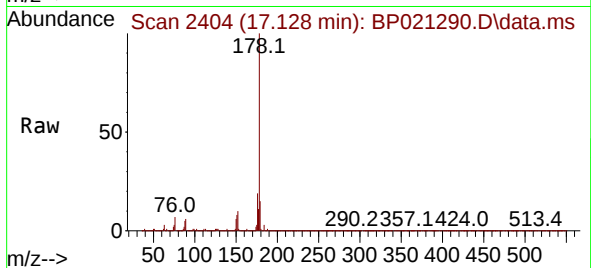
C0AY8DL

Tgt Ion:178	Resp:	888300
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.2 18.4
176	19.1	15.0 22.4

Manual Integrations

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#74

Anthracene

Concen: 2.467 ng/ul

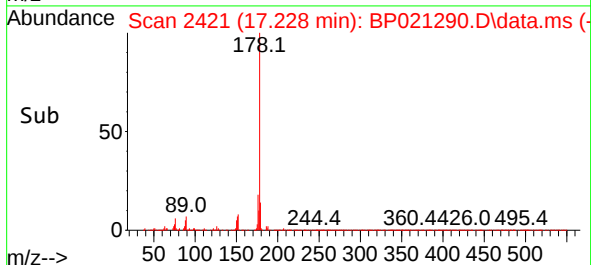
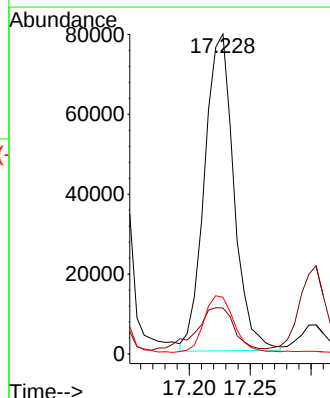
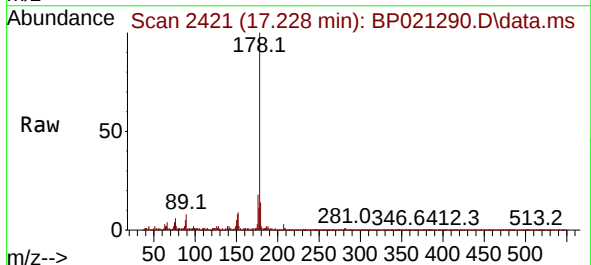
RT: 17.228 min Scan# 2421

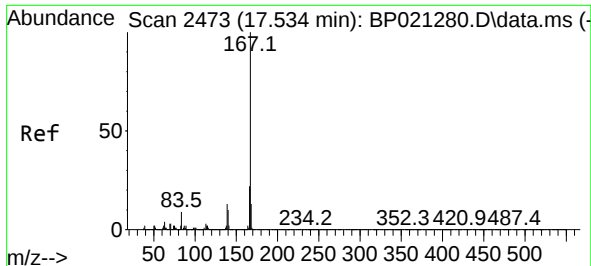
Delta R.T. -0.006 min

Lab File: BP021290.D

Acq: 01 Aug 2024 12:40

Tgt Ion:178	Resp:	133102
Ion Ratio	Lower	Upper
178	100	
179	14.4	12.5 18.7
176	17.7	14.8 22.2





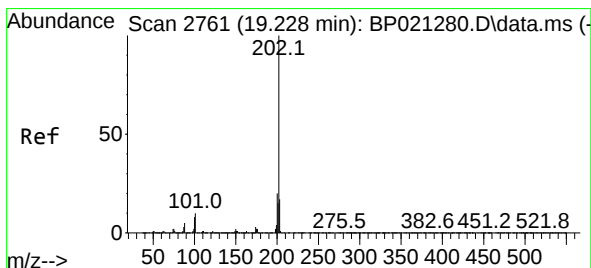
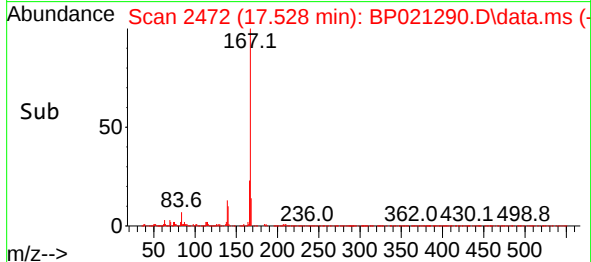
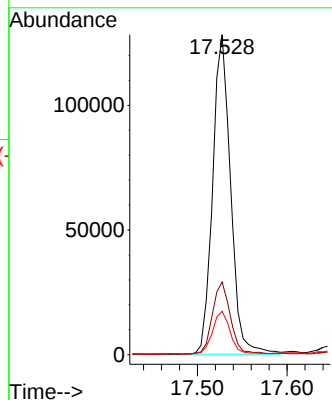
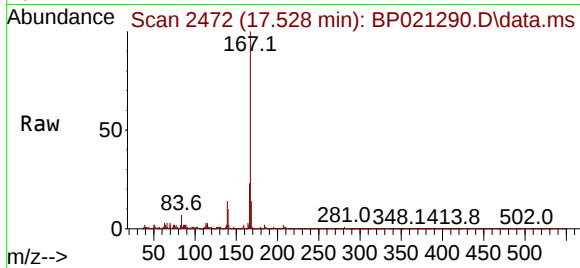
#77
 Carbazole
 Concen: 4.040 ng/ul
 RT: 17.528 min Scan# 2473
 Delta R.T. 0.006 min
 Lab File: BP021290.D
 Acq: 01 Aug 2024 12:40

Instrument :
 BNA_P
 ClientSampleId :
 C0AY8DL

Tgt Ion:167 Resp: 17819
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.3 25.9
 139 13.6 10.2 15.2

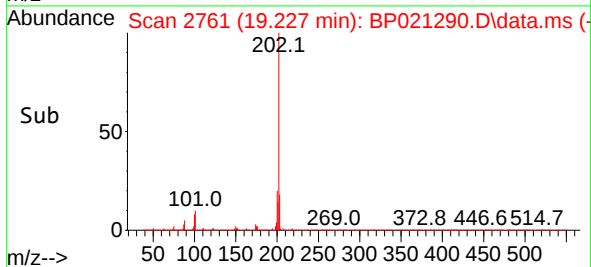
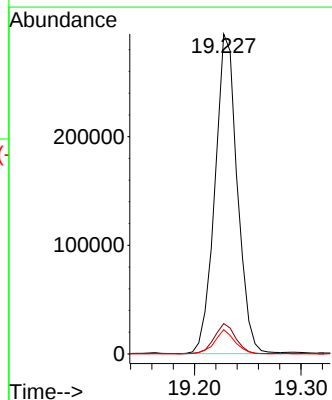
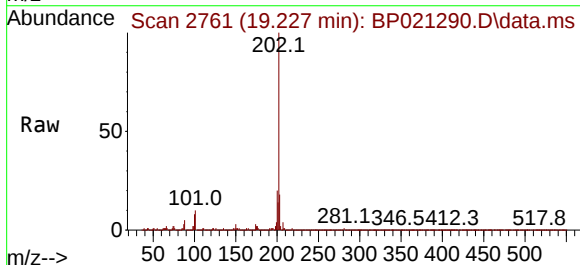
Manual Integrations
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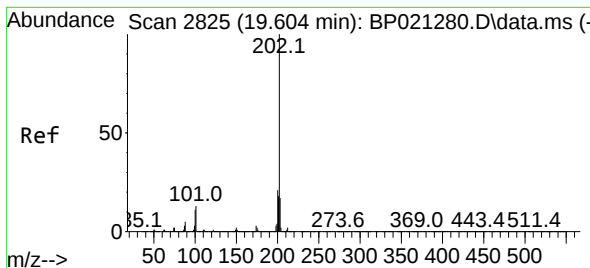
Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024



#80
 Fluoranthene
 Concen: 6.766 ng/ul
 RT: 19.227 min Scan# 2761
 Delta R.T. -0.006 min
 Lab File: BP021290.D
 Acq: 01 Aug 2024 12:40

Tgt Ion:202 Resp: 428757
 Ion Ratio Lower Upper
 202 100
 101 9.5 8.0 12.0
 100 7.6 6.1 9.1





#82

Pyrene

Concen: 4.466 ng/ul

RT: 19.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021290.D

Acq: 01 Aug 2024 12:40

Instrument :

BNA_P

ClientSampleId :

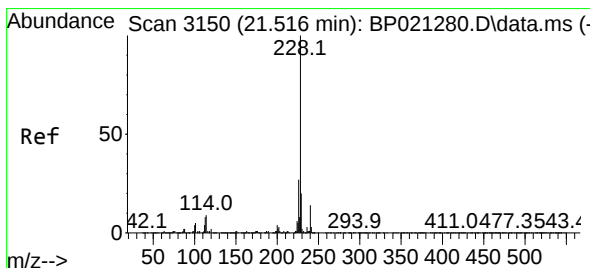
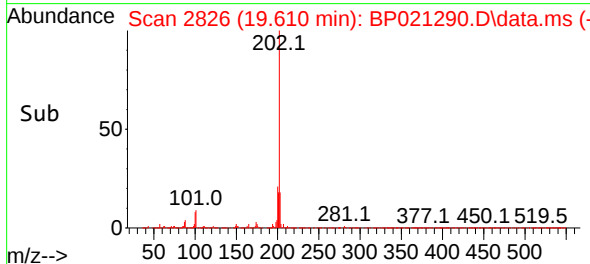
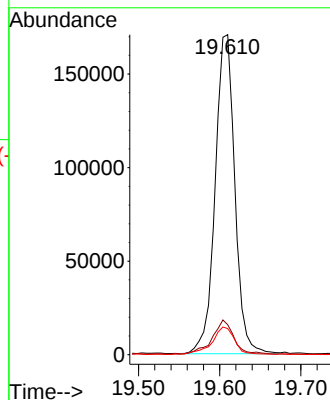
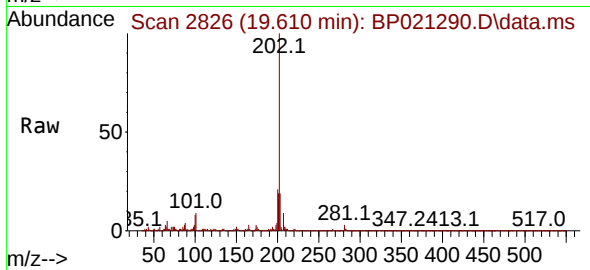
C0AY8DL

Tgt Ion:	202	Resp:	28797
Ion Ratio	Lower	Upper	
202	100		
101	9.3	9.4	14.2
100	8.1	7.8	11.6

Manual Integrations

APPROVED

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



#85

Benzo(a)anthracene

Concen: 1.306 ng/ul

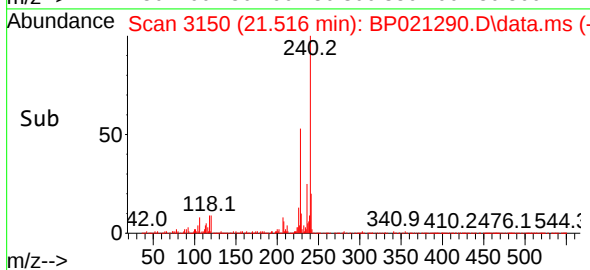
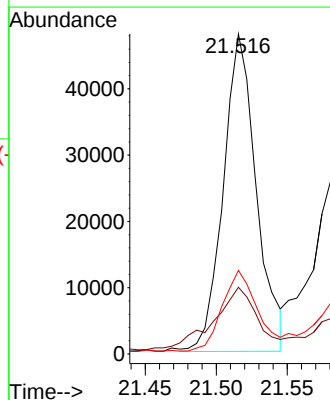
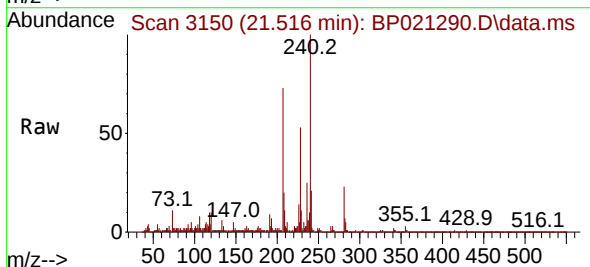
RT: 21.516 min Scan# 3150

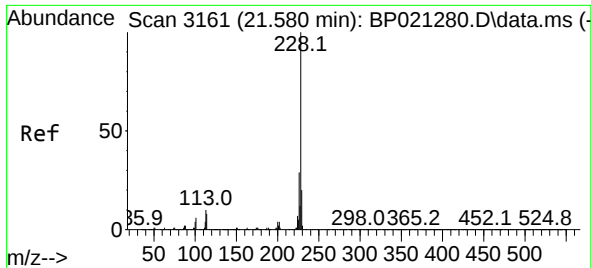
Delta R.T. 0.006 min

Lab File: BP021290.D

Acq: 01 Aug 2024 12:40

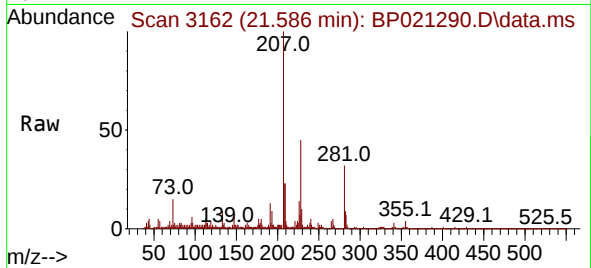
Tgt Ion:	228	Resp:	77636
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.5	23.3
226	26.1	21.4	32.2





#87
Chrysene
Concen: 1.068 ng/ul
RT: 21.586 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP021290.D
Acq: 01 Aug 2024 12:40

Instrument :
BNA_P
ClientSampleId :
C0AY8DL



Tgt Ion:228 Resp: 5898
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 22.4 15.5 23.3

Manual Integrations
APPROVED

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

