

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022189.D
 Acq On : 03 Oct 2024 10:25
 Operator : RC/JU
 Sample : P4017-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDCD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 23:46:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	154851	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	534626	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.304	164	426800	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.128	188	895818	20.000	ng/u1	0.01
79) Chrysene-d12	21.539	240	903567	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1116882	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	6444	1.630	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.893	99	184870	14.595	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	106568	13.663	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	148128	16.163	ng/u1	0.00
15) 4-Methylphenol-d8	8.411	113	142160	14.163	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	73855	18.457	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	77524	17.087	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.105	165	162458	16.488	ng/u1	0.01
31) 4-Chloroaniline-d4	10.575	131	92339	7.854	ng/u1	-0.03
46) Dimethylphthalate-d6	13.716	166	482656	14.629	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	549589	15.734	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	73639	13.049	ng/u1	0.01
60) Fluorene-d10	15.316	176	436053	14.942	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	54378	9.777	ng/u1	0.00
73) Anthracene-d10	17.234	188	676273	16.171	ng/u1	0.02
81) Pyrene-d10	19.580	212	813567	17.379	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.586	264	910912	15.506	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.510	128	723249	25.710	ng/u1	97
36) 2-Methylnaphthalene	12.122	142	2398796	114.746	ng/u1	100
37) 1-Methylnaphthalene	12.340	142	1245721	59.085	ng/u1	100
41) 2,4,6-Trichlorophenol	12.734	196	11143	1.178	ng/u1	98
42) 2,4,5-Trichlorophenol	12.816	196	10315	1.007	ng/u1	96
43) 1,1'-Biphenyl	13.134	154	89005	2.916	ng/u1#	78
52) Acenaphthene	14.375	153	85190	3.219	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	14.957	232	4258514	431.877	ng/u1	99
61) Fluorene	15.369	166	109643	3.351	ng/u1#	91
71) Pentachlorophenol	16.839	266	29118226m	3341.103	ng/u1	
72) Phenanthrene	17.175	178	725839	15.453	ng/u1	97
80) Fluoranthene	19.233	202	332663	6.217	ng/u1	98
82) Pyrene	19.616	202	305407	5.303	ng/u1	98
85) Benzo(a)anthracene	21.516	228	119311	1.916	ng/u1	96
87) Chrysene	21.586	228	129773	2.221	ng/u1	95
90) Benzo(b)fluoranthene	23.780	252	96049	1.385	ng/u1#	92

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

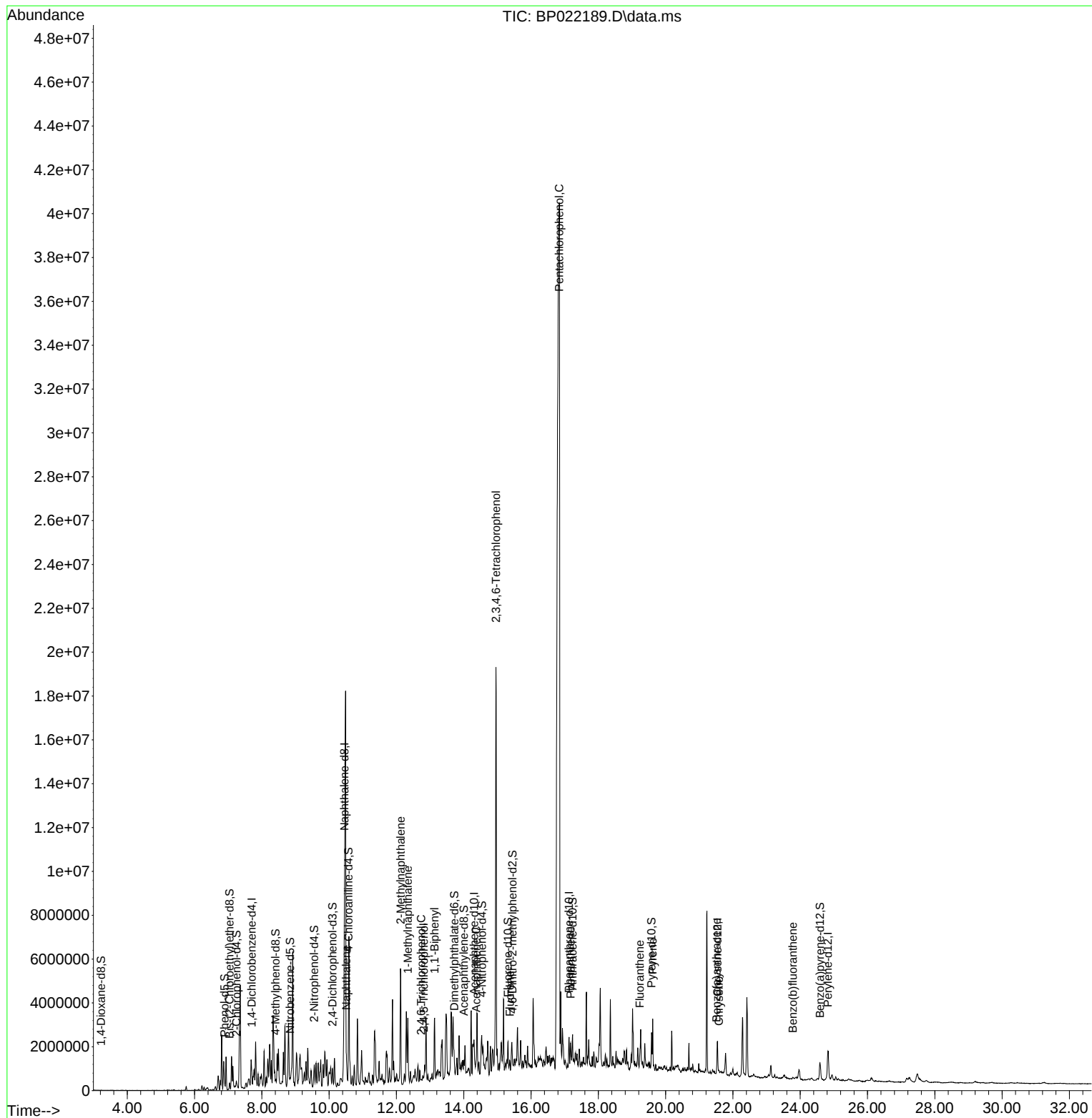
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022189.D
Acq On : 03 Oct 2024 10:25
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ALS Vial : 35 Sample Multiplier: 1

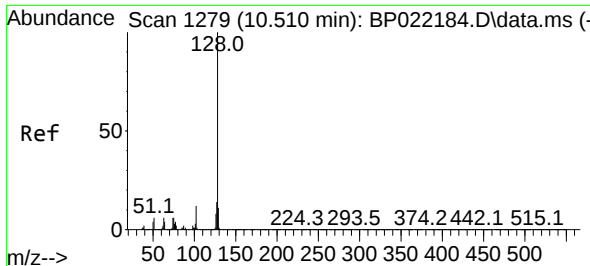
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DDCD5

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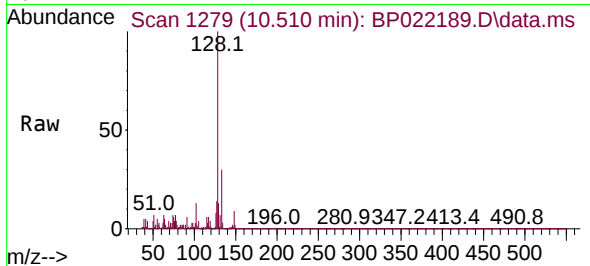
Quant Time: Oct 03 23:46:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 25.710 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

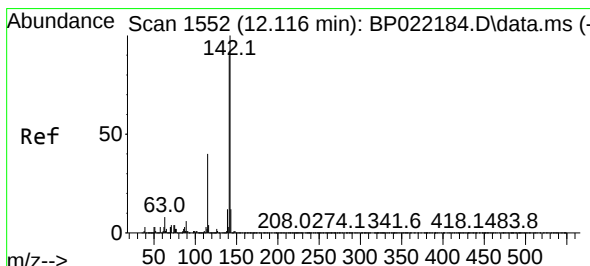
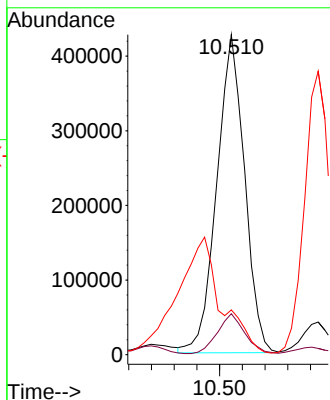
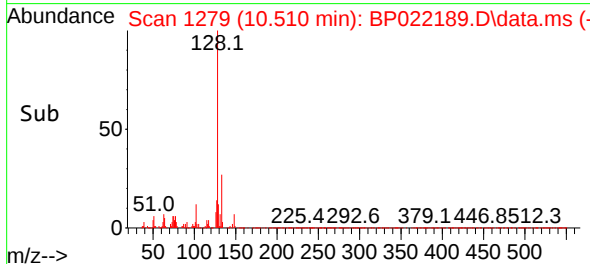
Instrument :
BNA_P
ClientSampleId :
DDCD5



Tgt Ion:128 Resp: 723249
Ion Ratio Lower Upper
128 100
129 12.8 8.9 13.3
127 14.0 10.9 16.3

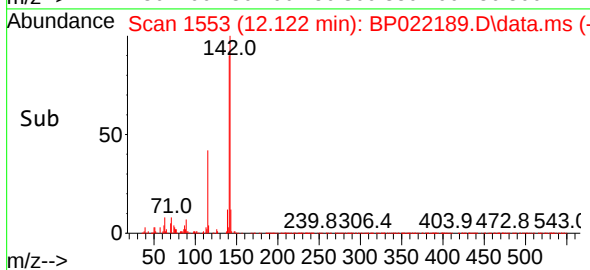
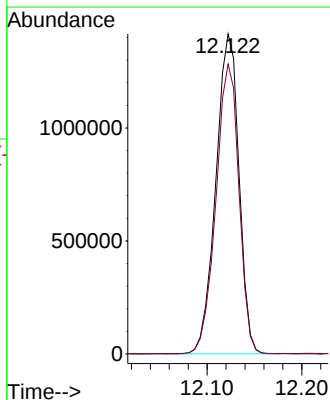
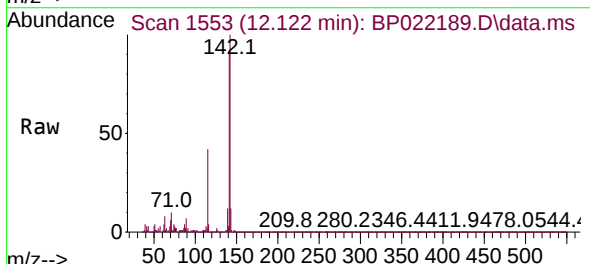
Manual Integrations
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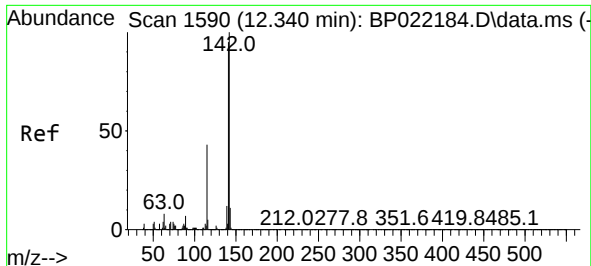
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 114.746 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

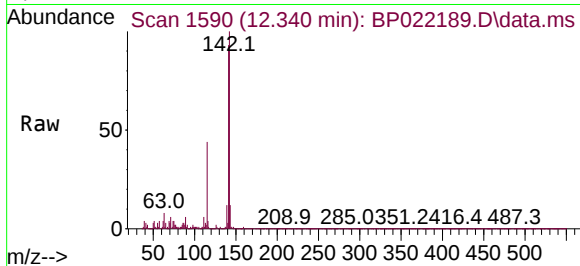
Tgt Ion:142 Resp: 2398796
Ion Ratio Lower Upper
142 100
141 90.5 72.6 109.0





#37
1-Methylnaphthalene
Concen: 59.085 ng/ul
RT: 12.340 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

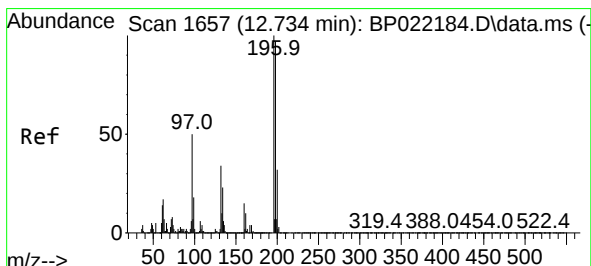
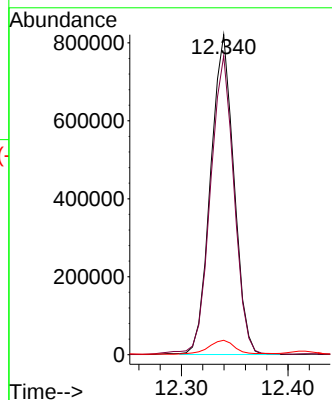
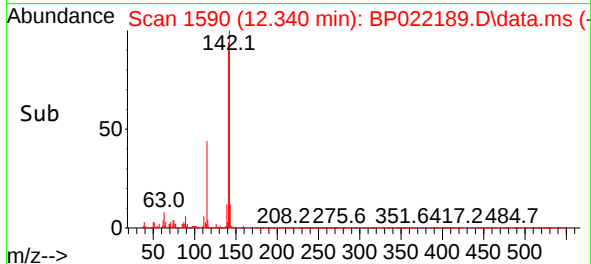
Instrument :
BNA_P
ClientSampleId :
DDCD5



Tgt Ion:142 Resp: 124572
Ion Ratio Lower Upper
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141 93.4 74.6 111.8
116 4.5 3.9 5.9

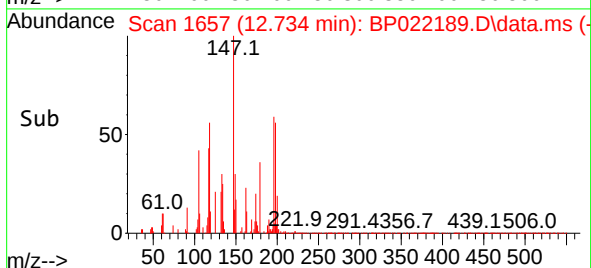
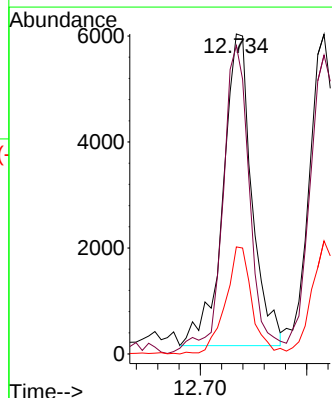
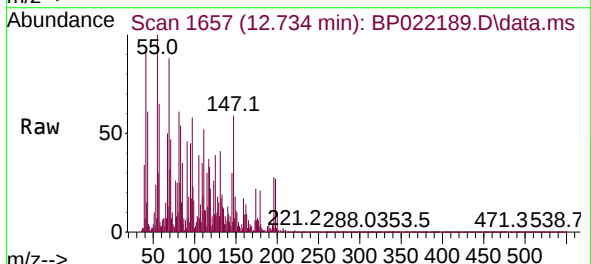
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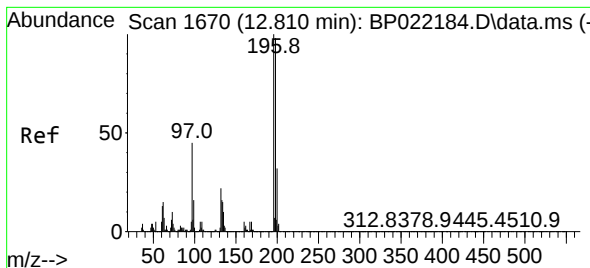
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#41
2,4,6-Trichlorophenol
Concen: 1.178 ng/ul
RT: 12.734 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

Tgt Ion:196 Resp: 11143
Ion Ratio Lower Upper
196 100
198 96.4 77.6 116.4
200 33.4 24.2 36.4





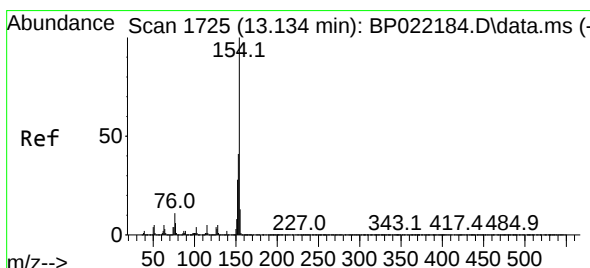
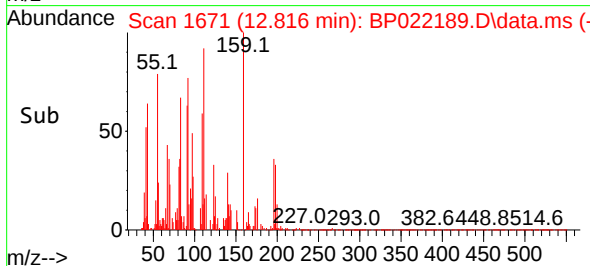
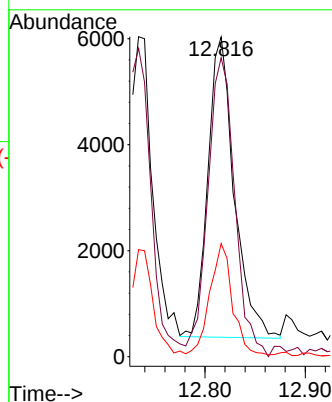
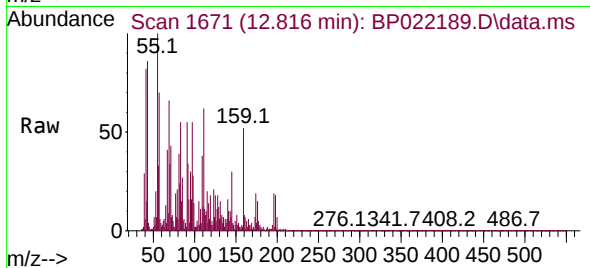
#42
2,4,5-Trichlorophenol
Concen: 1.007 ng/ul
RT: 12.816 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

Instrument :
BNA_P
ClientSampleId :
DDCD5

Tgt Ion:196 Resp: 1031
Ion Ratio Lower Upper
196 100
198 93.5 78.2 117.2
200 35.4 26.1 39.1

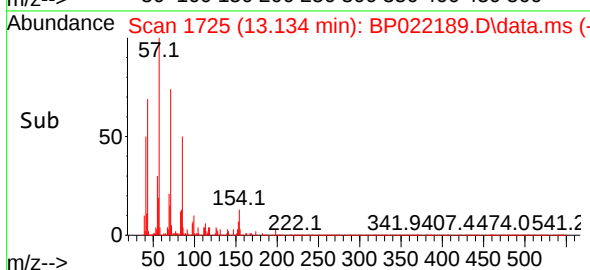
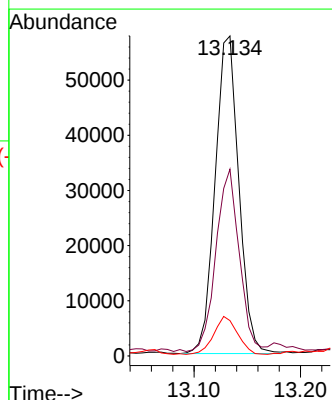
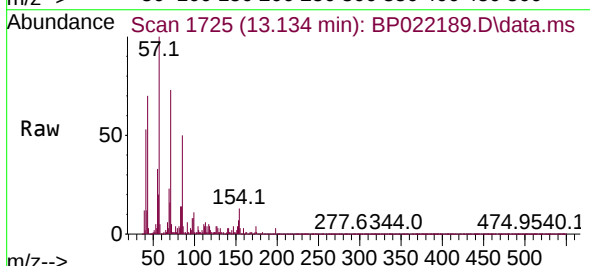
Manual Integrations
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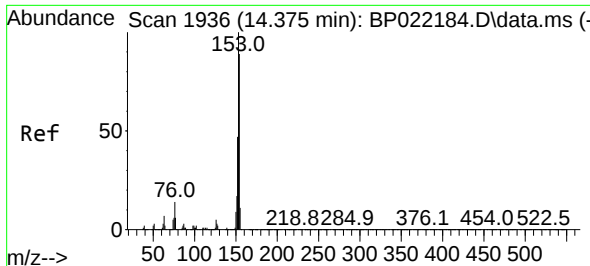
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#43
1,1'-Biphenyl
Concen: 2.916 ng/ul
RT: 13.134 min Scan# 1725
Delta R.T. -0.018 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

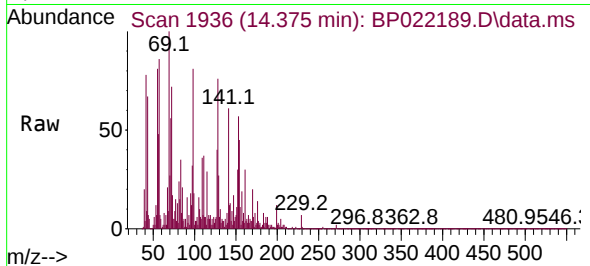
Tgt Ion:154 Resp: 89005
Ion Ratio Lower Upper
154 100
153 58.4 32.6 49.0#
76 11.0 10.1 15.1





#52
Acenaphthene
Concen: 3.219 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

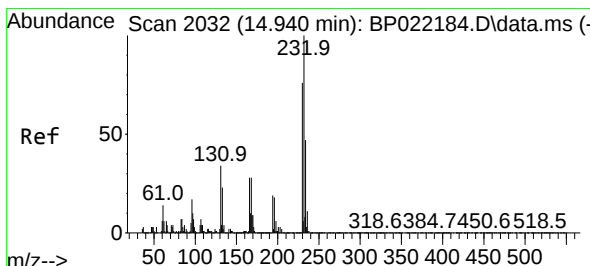
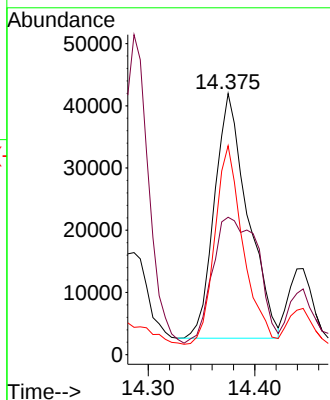
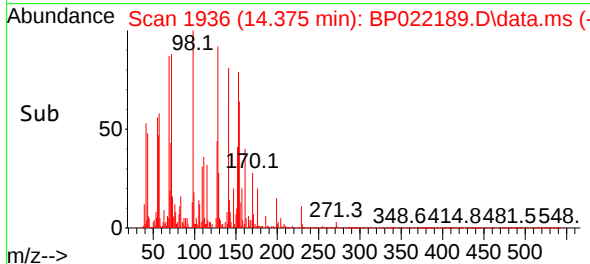
Instrument :
BNA_P
ClientSampleId :
DDCD5



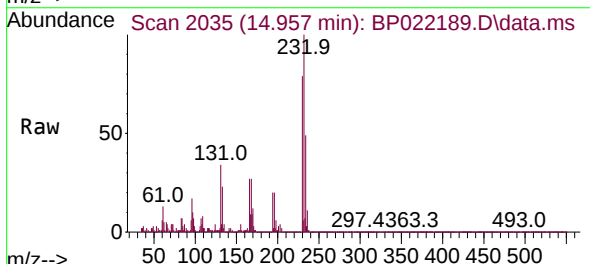
Tgt Ion:153 Resp: 85190
Ion Ratio Lower Upper
153 100
152 52.7 37.1 55.7
154 80.0 67.4 101.0

Manual Integrations
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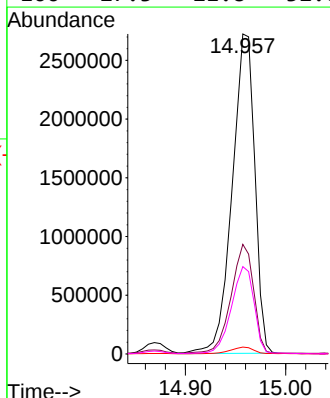
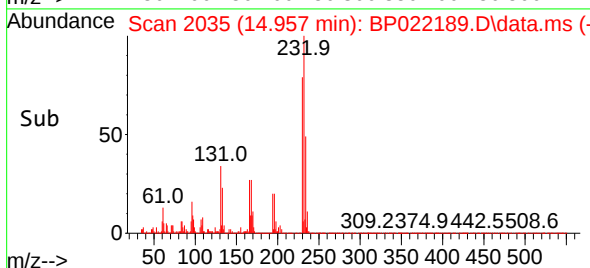
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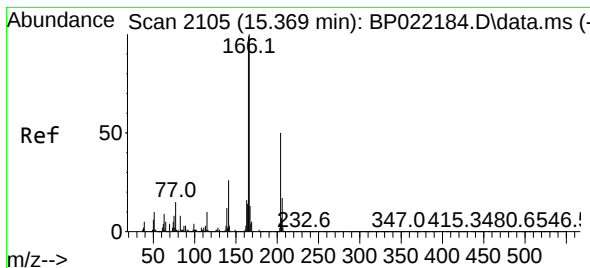


#58
2,3,4,6-Tetrachlorophenol
Concen: 431.877 ng/ul
RT: 14.957 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25



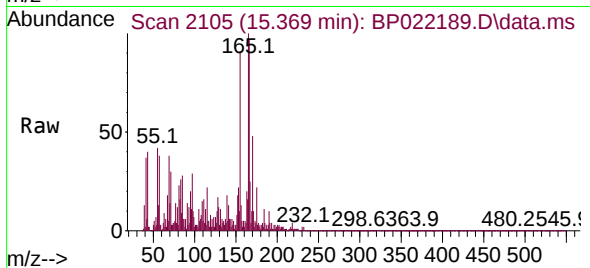
Tgt Ion:232 Resp: 4258514
Ion Ratio Lower Upper
232 100
131 34.3 28.2 42.2
130 2.2 1.8 2.6
166 27.3 21.8 32.6





#61
Fluorene
Concen: 3.351 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

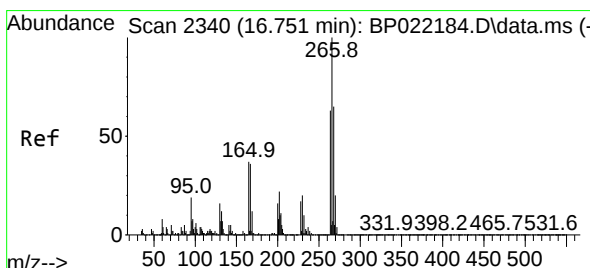
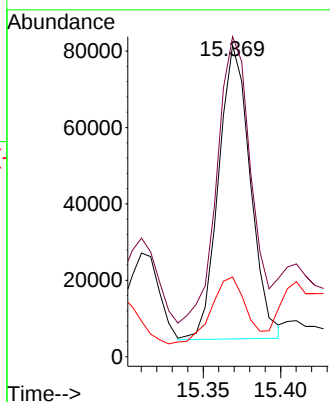
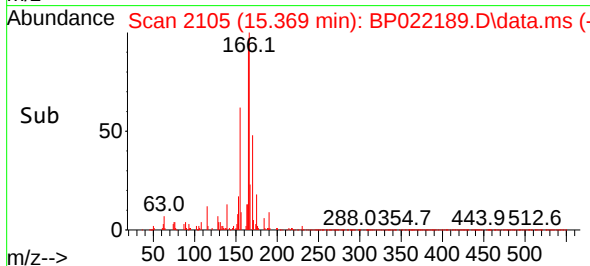
Instrument :
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DDCD5



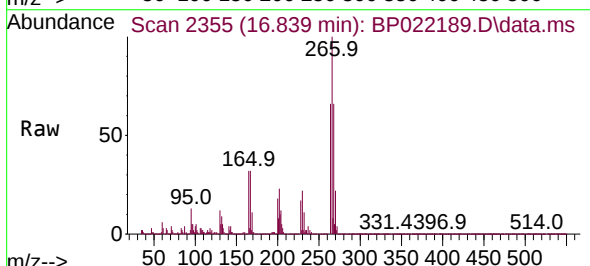
Tgt Ion:166 Resp: 10964
Ion Ratio Lower Upper
166 100
165 102.8 77.9 116.9
167 25.6 10.5 15.7

Manual Integrations
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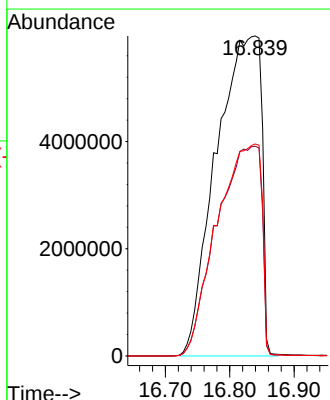
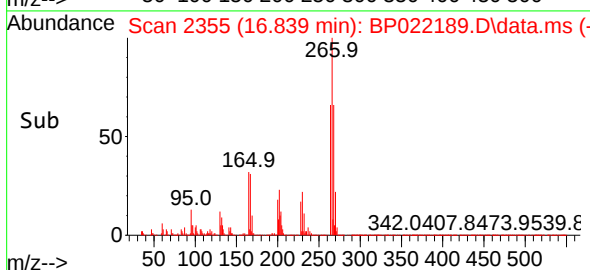
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

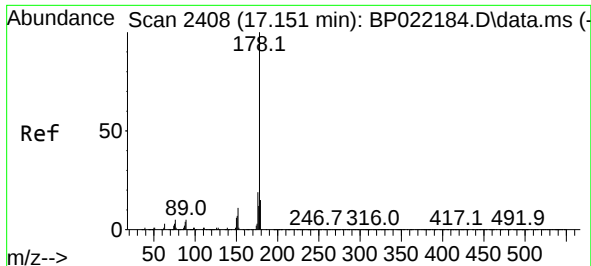


#71
Pentachlorophenol
Concen: 3341.103 ng/ul m
RT: 16.839 min Scan# 2355
Delta R.T. 0.082 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25



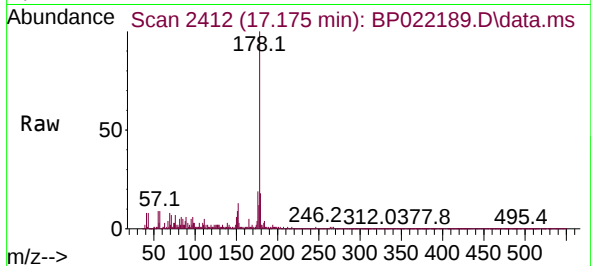
Tgt Ion:266 Resp:29118226
Ion Ratio Lower Upper
266 100
264 65.6 50.2 75.4
268 66.2 51.4 77.0





#72
Phenanthrene
Concen: 15.453 ng/u1
RT: 17.175 min Scan# 2408
Delta R.T. 0.018 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

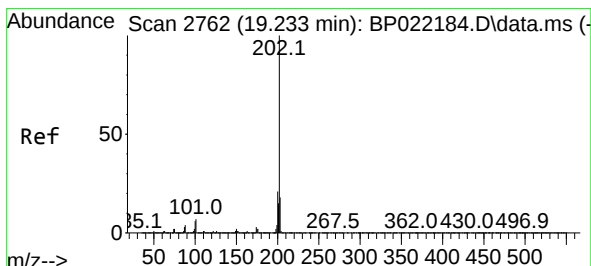
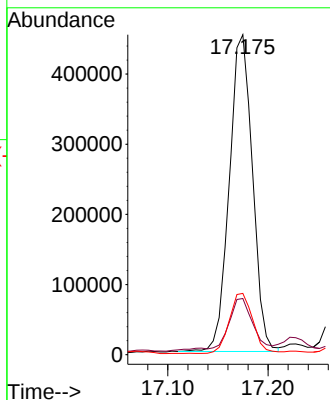
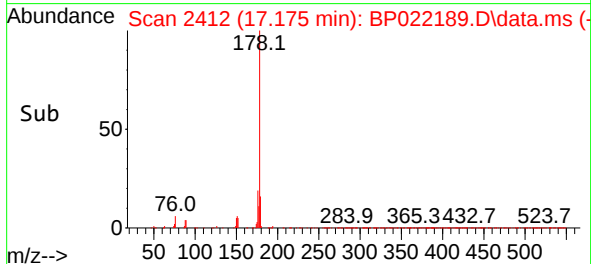
Instrument :
BNA_P
ClientSampleId :
DDCD5



Tgt Ion:178 Resp: 725839
Ion Ratio Lower Upper
178 100
179 17.5 12.4 18.6
176 19.2 15.0 22.6

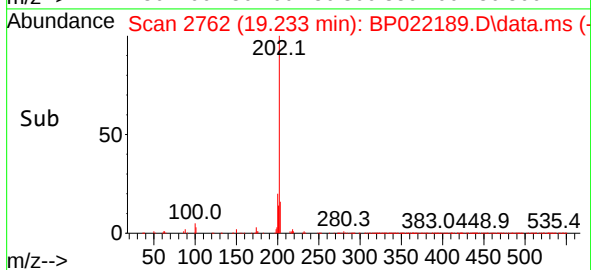
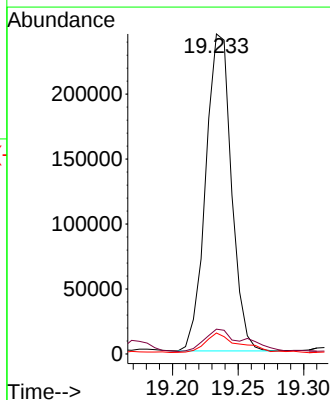
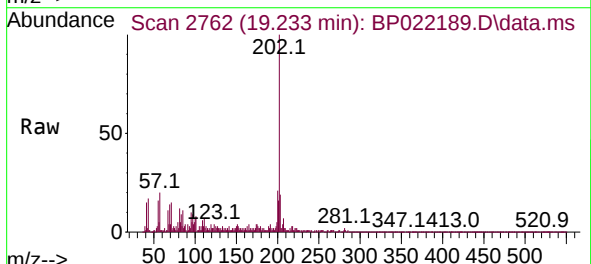
Manual Integrations
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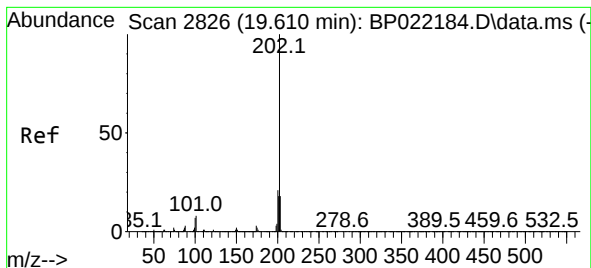
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#80
Fluoranthene
Concen: 6.217 ng/u1
RT: 19.233 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BP022189.D
Acq: 03 Oct 2024 10:25

Tgt Ion:202 Resp: 332663
Ion Ratio Lower Upper
202 100
101 7.7 5.8 8.6
100 6.6 4.6 7.0





#82

Pyrene

Concen: 5.303 ng/ul

RT: 19.616 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022189.D

Acq: 03 Oct 2024 10:25

Instrument :

BNA_P

ClientSampleId :

DDCD5

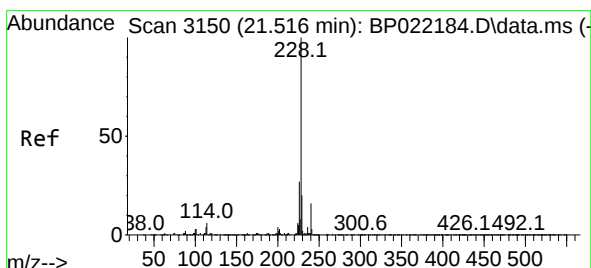
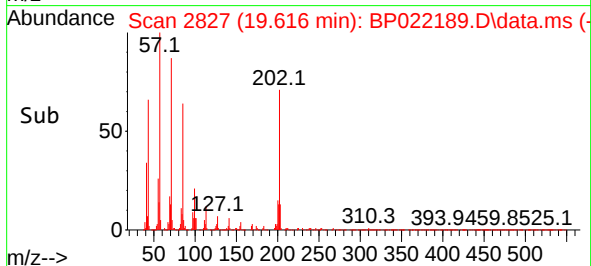
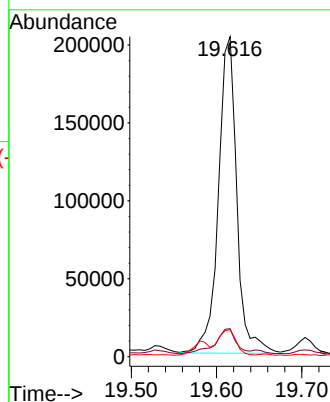
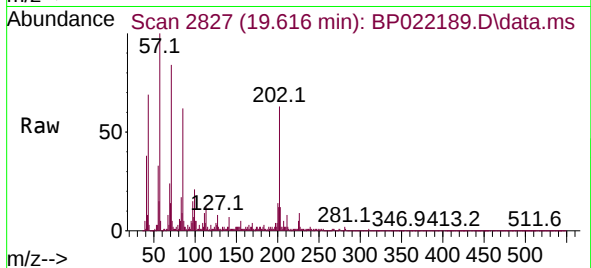
Tgt Ion:	202	Resp:	30540
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.4	11.0
100	8.5	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#85

Benzo(a)anthracene

Concen: 1.916 ng/ul

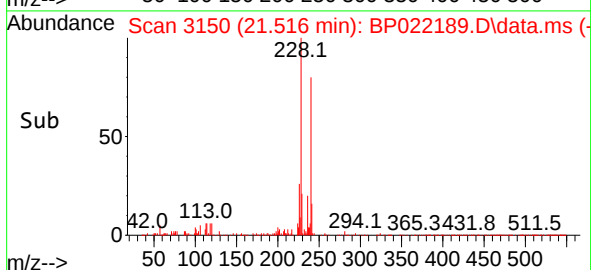
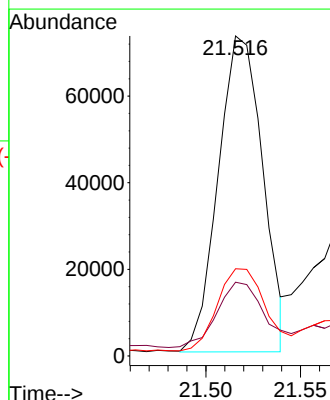
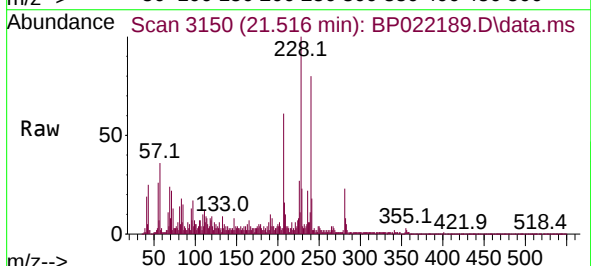
RT: 21.516 min Scan# 3150

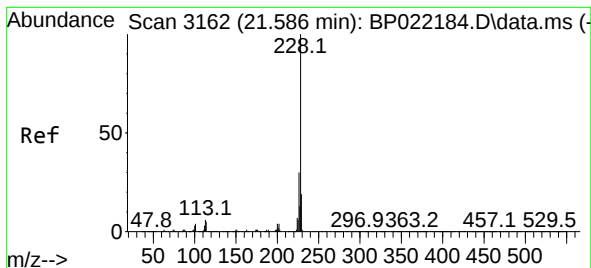
Delta R.T. -0.012 min

Lab File: BP022189.D

Acq: 03 Oct 2024 10:25

Tgt Ion:	228	Resp:	119311
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.7	23.5
226	27.3	21.4	32.2





#87

Chrysene

Concen: 2.221 ng/ul

RT: 21.586 min Scan# 3162

Delta R.T. 0.000 min

Lab File: BP022189.D

Acq: 03 Oct 2024 10:25

Instrument :

BNA_P

ClientSampleId :

DDCD5

Tgt Ion:228 Resp: 12977

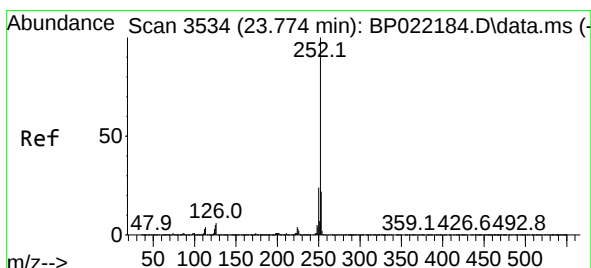
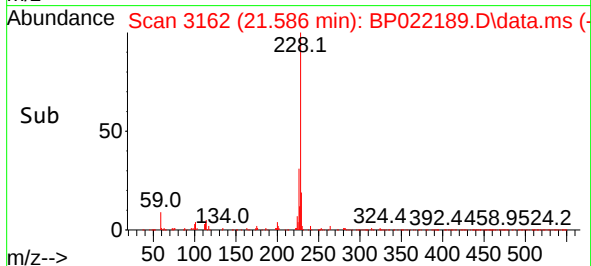
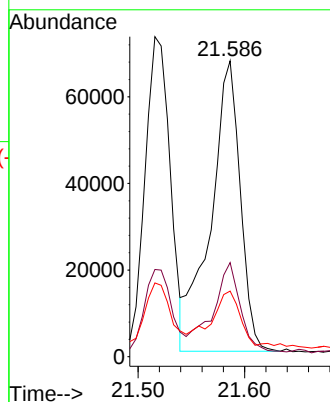
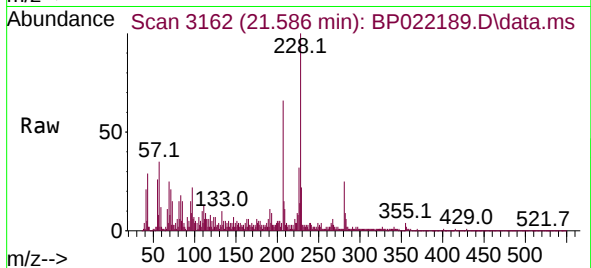
Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.6	35.4
229	22.2	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#90

Benzo(b)fluoranthene

Concen: 1.385 ng/ul

RT: 23.780 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP022189.D

Acq: 03 Oct 2024 10:25

Tgt Ion:252 Resp: 96049

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	11.5	4.8	7.2

