

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021580.D
 Acq On : 20 Aug 2024 20:17
 Operator : RC/JU
 Sample : P3600-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VCPS-B3-081324-10-18

Quant Time: Aug 21 00:26:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	349343	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	1446660	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	970406	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2097548	20.000	ng	0.00
76) Chrysene-d12	21.721	240	1804629	20.000	ng	0.02
86) Perylene-d12	25.168	264	2213566	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2825910	120.114	ng	0.01
7) Phenol-d6	6.969	99	3940215	114.807	ng	0.00
23) Nitrobenzene-d5	8.946	82	2383067	85.025	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1438275	133.171	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4215357	66.295	ng	0.00
79) Terphenyl-d14	19.980	244	5538703	59.626	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.304	178	641153	6.356	ng	100
75) Fluoranthene	19.386	202	965100	7.797	ng	98
78) Pyrene	19.757	202	818821	6.942	ng	99
81) Benzo(a)anthracene	21.704	228	480547	4.242	ng	95
83) Chrysene	21.769	228	504302m	4.715	ng	
87) Indeno(1,2,3-cd)pyrene	29.062	276	289162	2.015	ng	# 92
88) Benzo(b)fluoranthene	24.074	252	596242	4.690	ng	# 90
90) Benzo(a)pyrene	24.998	252	448905	4.069	ng	# 90
92) Benzo(g,h,i)perylene	30.262	276	276483	2.314	ng	98

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

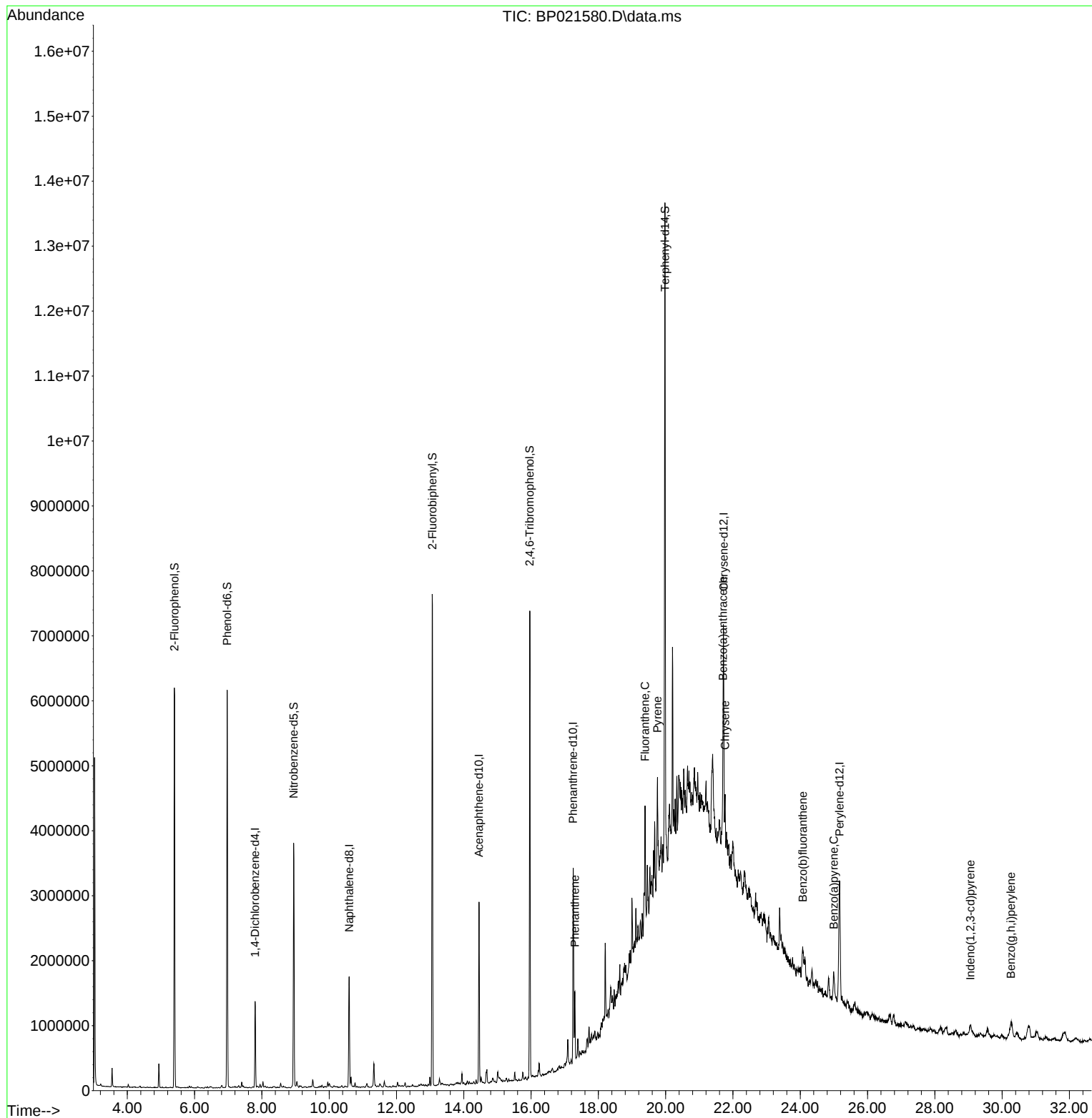
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Data File : BP021580.D
Acq On : 20 Aug 2024 20:17
Operator : RC/JU
Sample : P3600-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

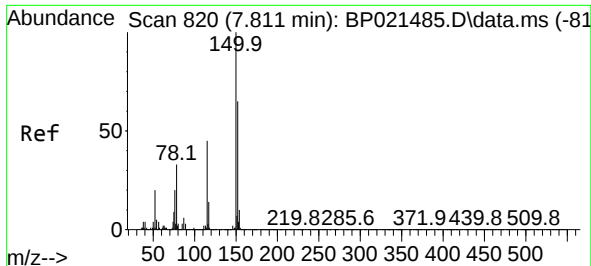
Instrument :
BNA_P
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VCPS-B3-081324-10-18

Quant Time: Aug 21 00:26:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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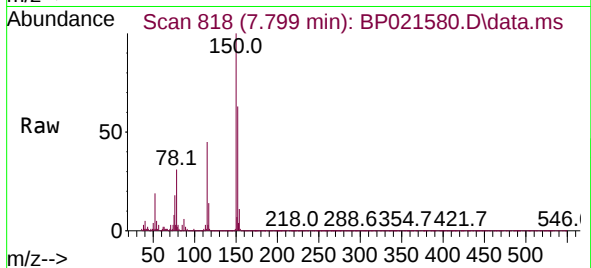
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17

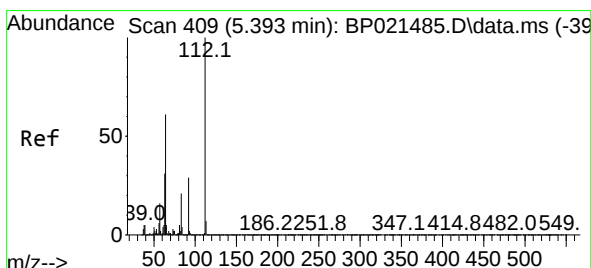
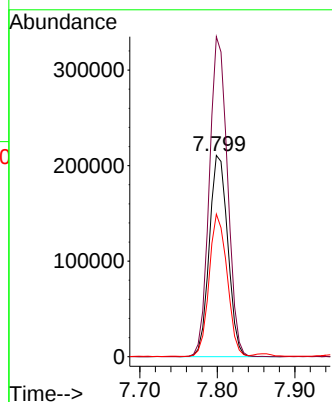
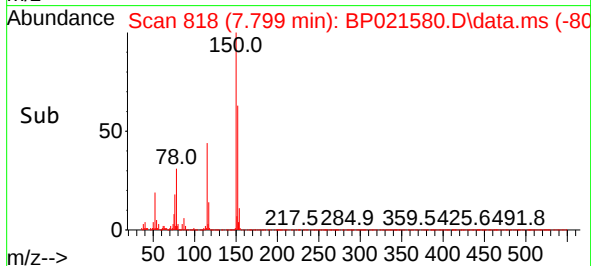
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18



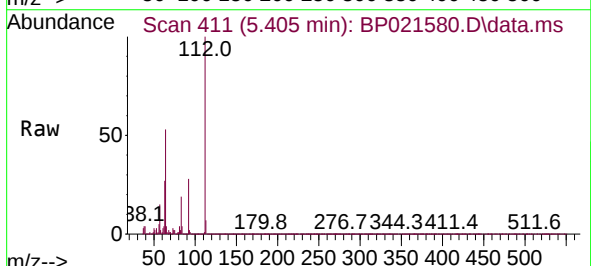
Tgt Ion:152 Resp: 34934
Ion Ratio Lower Upper
152 100
150 159.0 122.4 183.6
115 70.8 54.7 82.1

Manual Integrations
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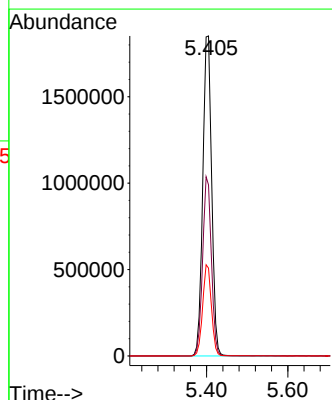
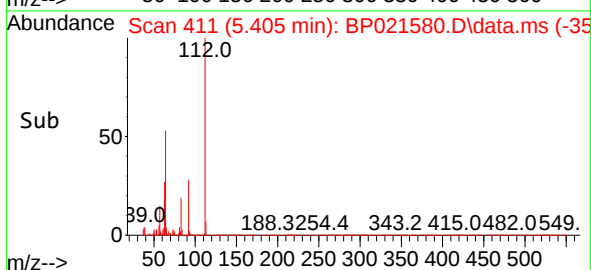
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

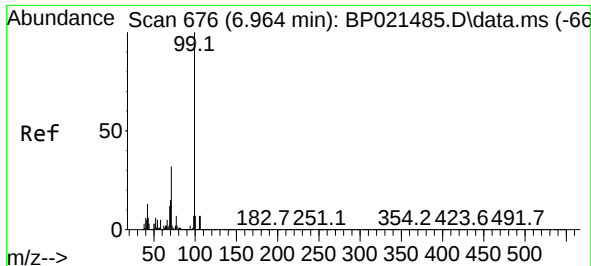


#5
2-Fluorophenol
Concen: 120.114 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17



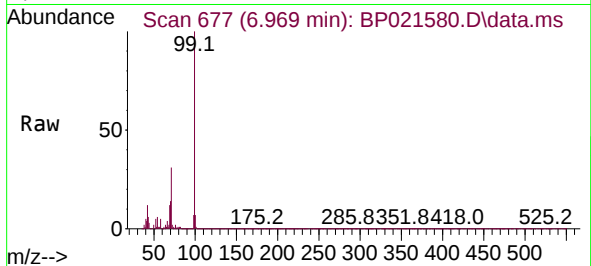
Tgt Ion:112 Resp: 2825910
Ion Ratio Lower Upper
112 100
64 53.5 49.0 73.6
63 27.4 24.6 36.8





#7
Phenol-d6
Concen: 114.807 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17

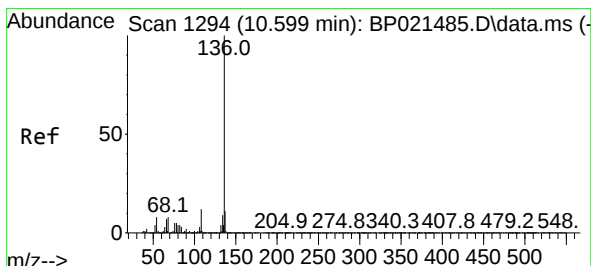
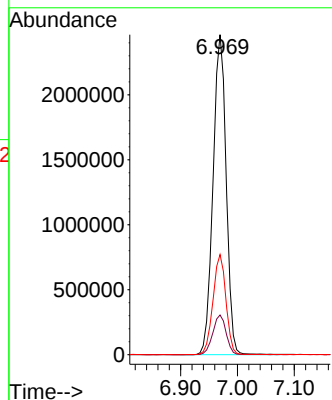
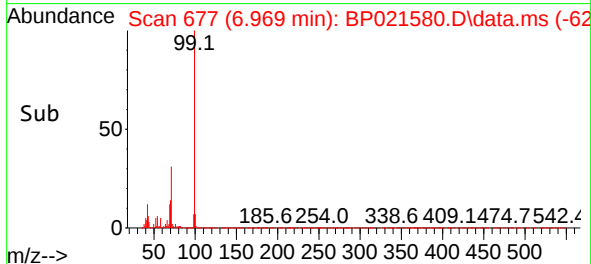
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18



Tgt Ion: 99 Resp: 3940215
Ion Ratio Lower Upper
99 100
42 12.4 10.2 15.4
71 31.3 25.8 38.8

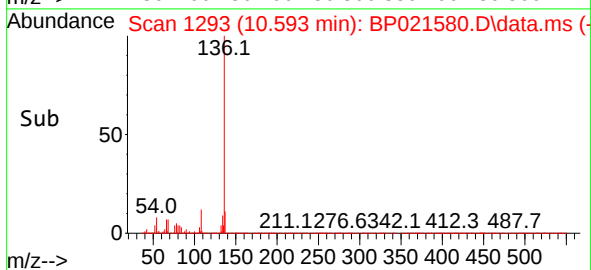
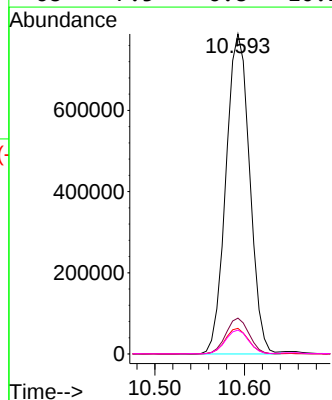
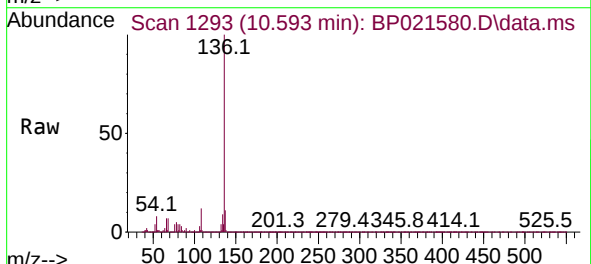
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Supervised By :mohammad ahmed 08/22/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17

Tgt Ion:136 Resp: 1446660
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 6.3 9.5
68 7.5 6.8 10.2





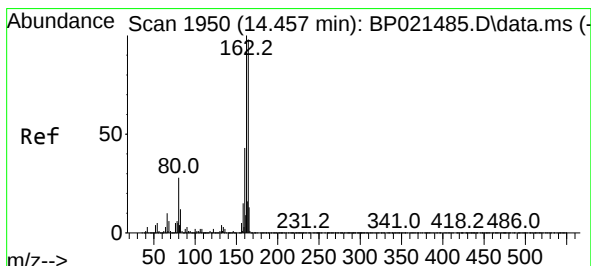
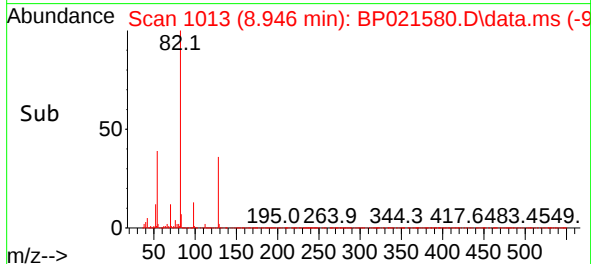
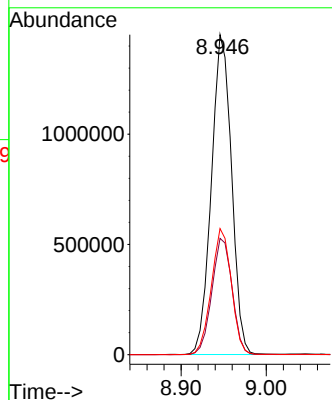
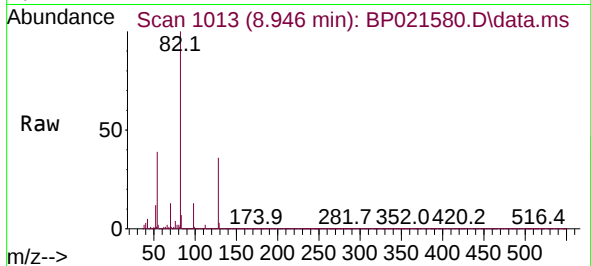
#23
Nitrobenzene-d5
Concen: 85.025 ng
RT: 8.946 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17

Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18

Tgt Ion: 82 Resp: 238306
Ion Ratio Lower Upper
82 100
128 36.4 26.5 39.7
54 39.4 30.3 45.5

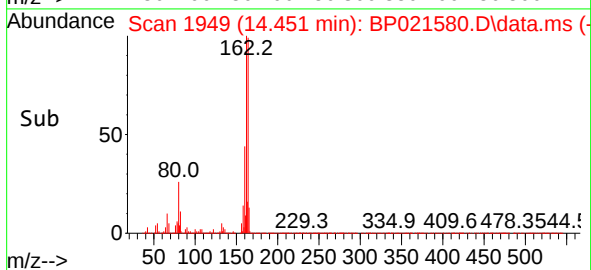
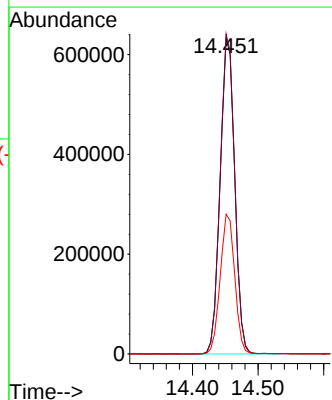
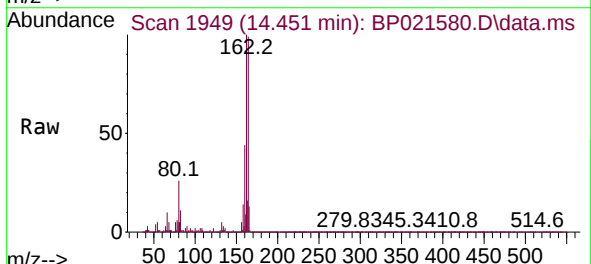
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Supervised By :mohammad ahmed 08/22/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17

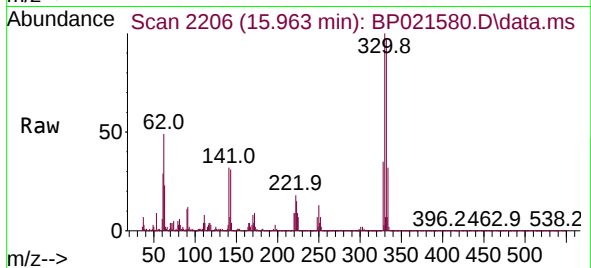
Tgt Ion:164 Resp: 970406
Ion Ratio Lower Upper
164 100
162 101.4 81.5 122.3
160 44.3 35.2 52.8





#42
2,4,6-Tribromophenol
Concen: 133.171 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17

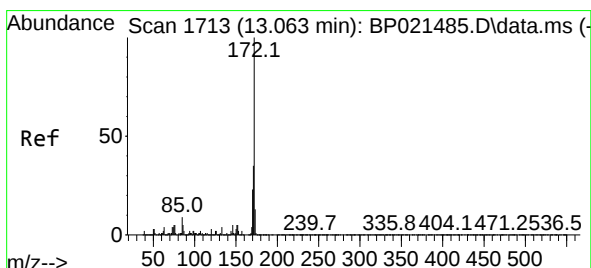
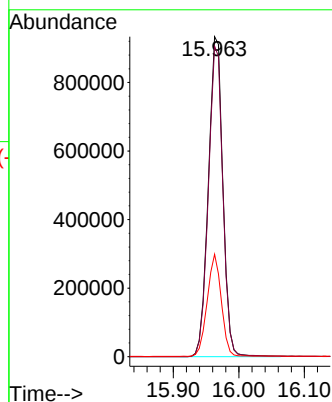
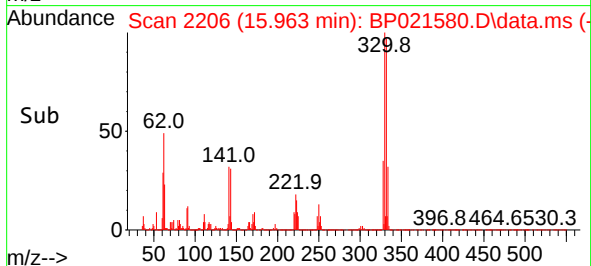
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18



Tgt Ion:330 Resp: 143827
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 31.1 24.5 36.7

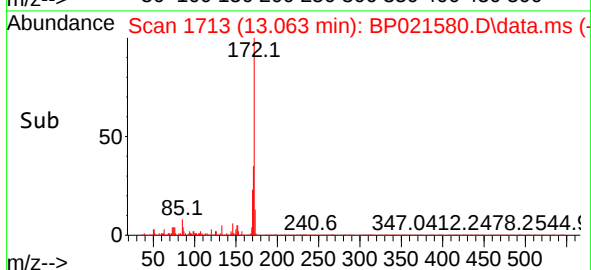
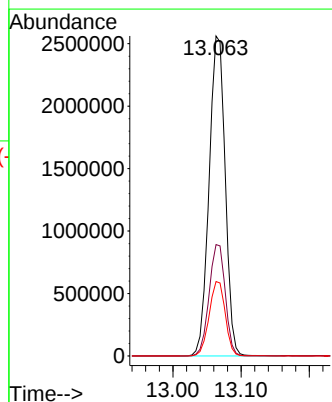
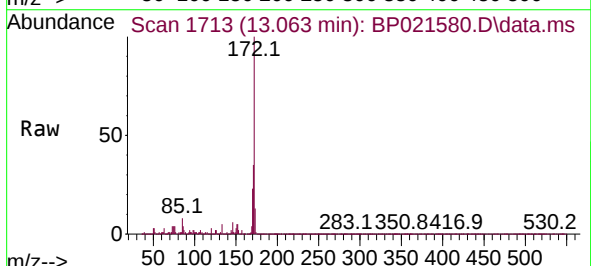
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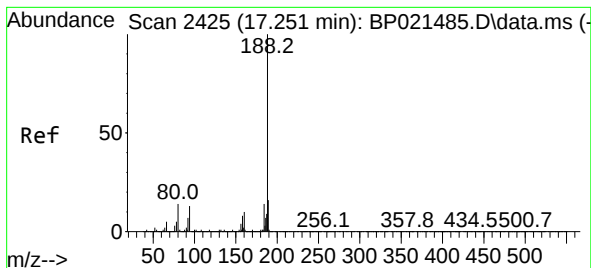
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#45
2-Fluorobiphenyl
Concen: 66.295 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17

Tgt Ion:172 Resp: 4215357
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18

Tgt Ion:188 Resp: 209754

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.4

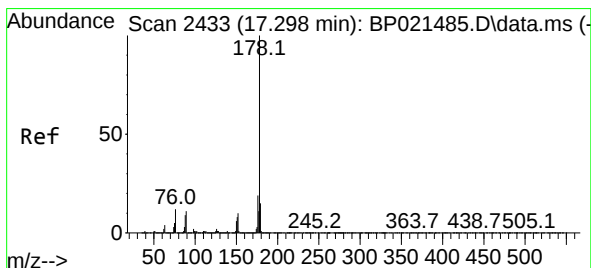
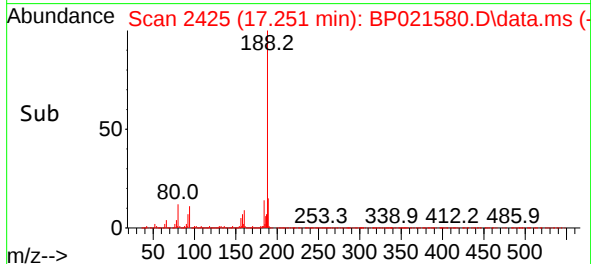
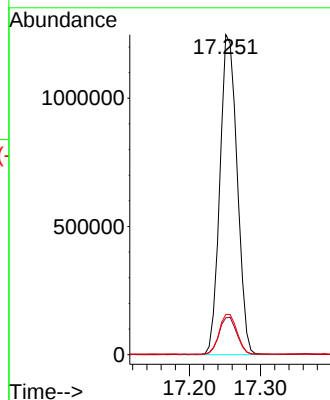
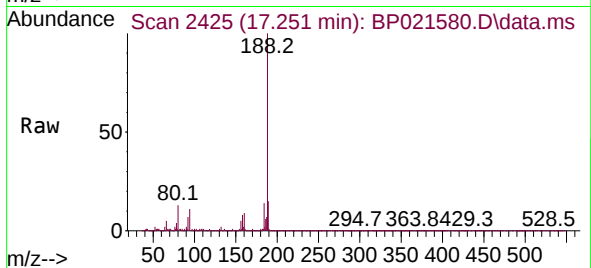
80 12.6 11.6 17.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#71

Phenanthrene

Concen: 6.356 ng

RT: 17.304 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

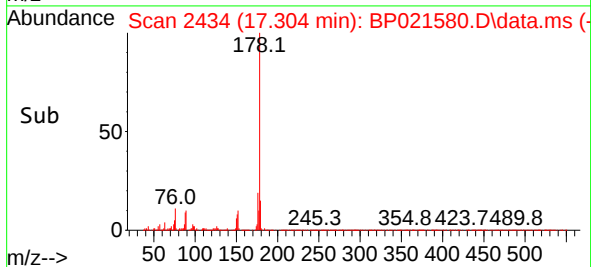
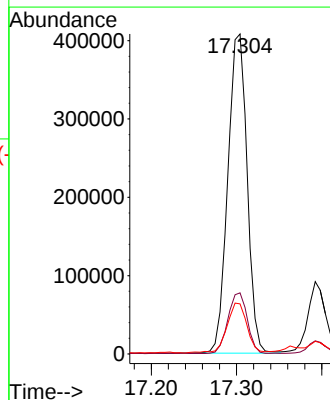
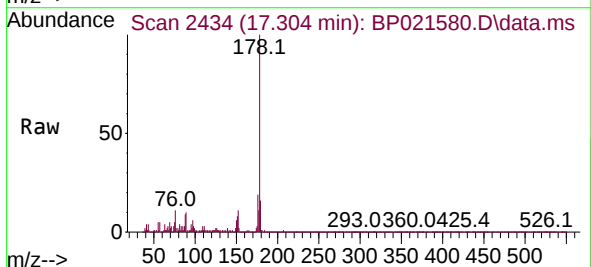
Tgt Ion:178 Resp: 641153

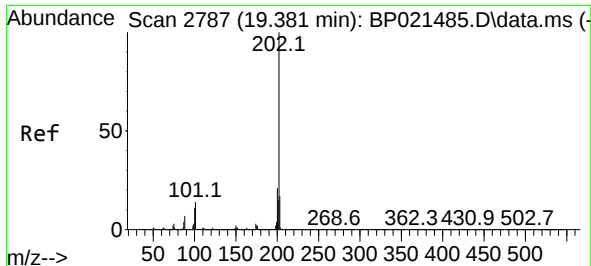
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.7 12.4 18.6





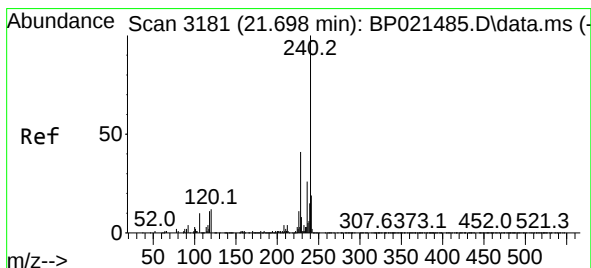
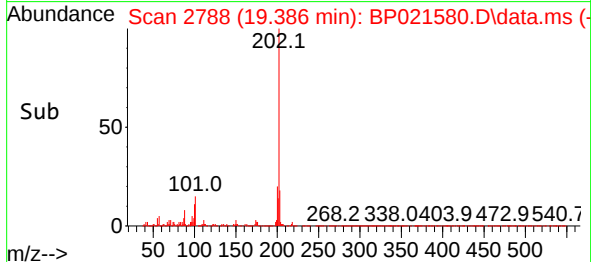
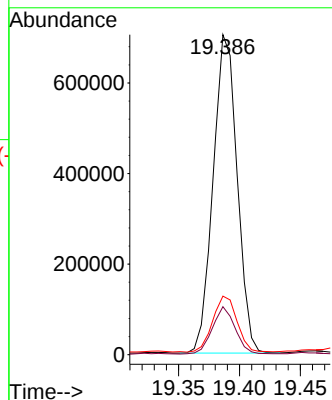
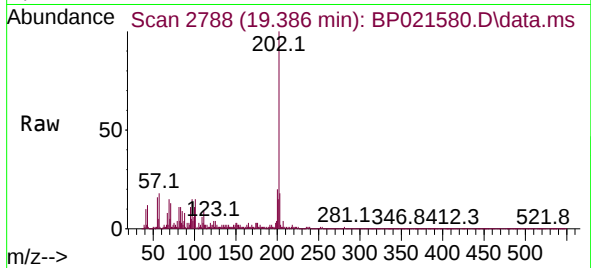
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Fluoranthene
Concen: 7.797 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17

Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18

Tgt Ion:202 Resp: 965100
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.0
203 18.3 0.0 37.5

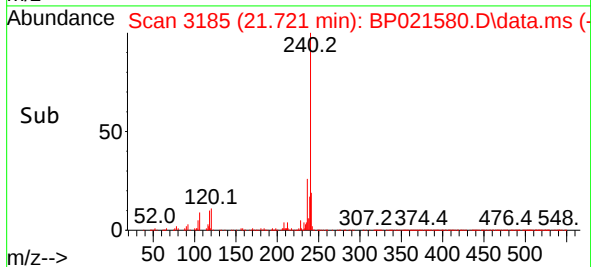
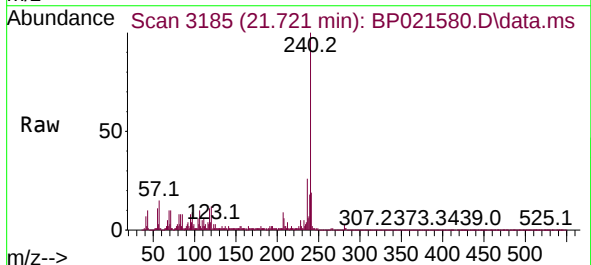
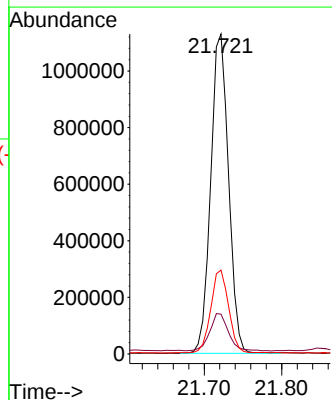
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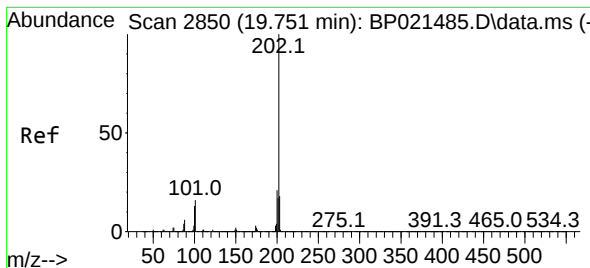
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3185
Delta R.T. 0.023 min
Lab File: BP021580.D
Acq: 20 Aug 2024 20:17

Tgt Ion:240 Resp: 1804629
Ion Ratio Lower Upper
240 100
120 12.5 9.9 14.9
236 26.2 20.6 30.8





#78

Pyrene

Concen: 6.942 ng

RT: 19.757 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18

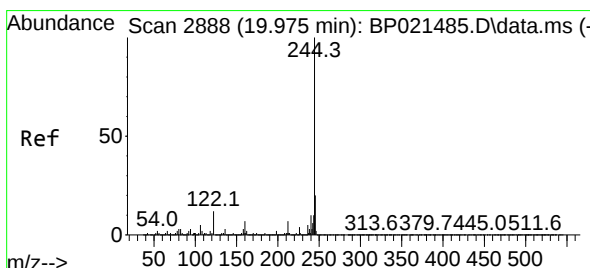
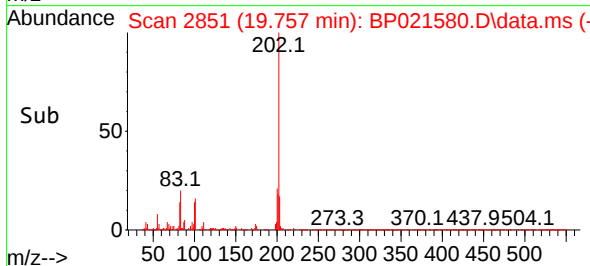
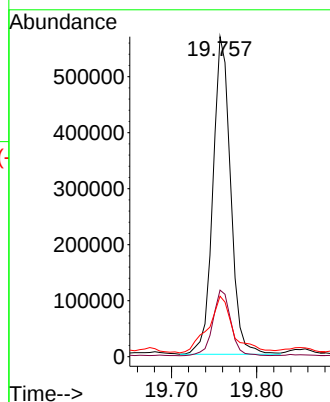
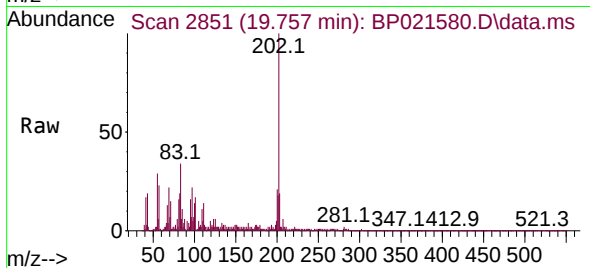
Tgt Ion:202 Resp: 81882

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	18.9	14.1	21.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#79

Terphenyl-d14

Concen: 59.626 ng

RT: 19.980 min Scan# 2889

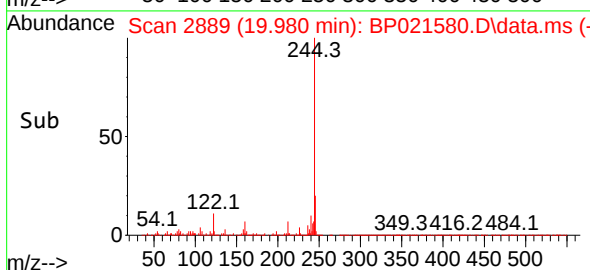
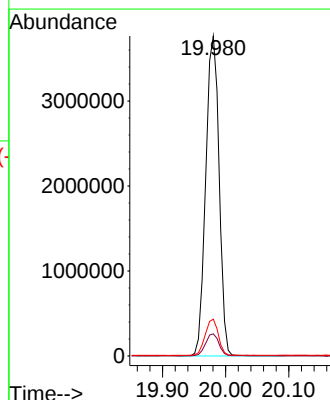
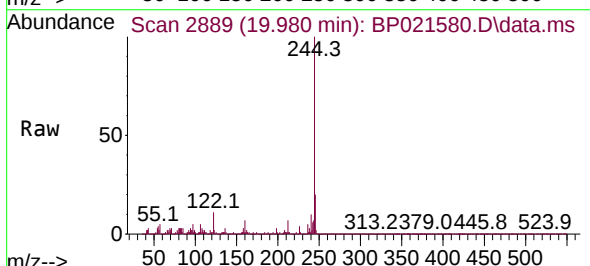
Delta R.T. 0.005 min

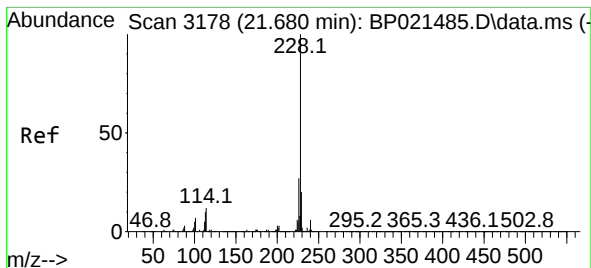
Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

Tgt Ion:244 Resp: 5538703

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.5	9.4	14.2





#81

Benzo(a)anthracene

Concen: 4.242 ng

RT: 21.704 min Scan# 3178

Delta R.T. 0.023 min

Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

Instrument :

BNP_P

ClientSampleId :

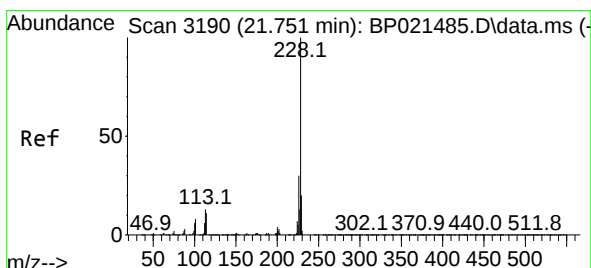
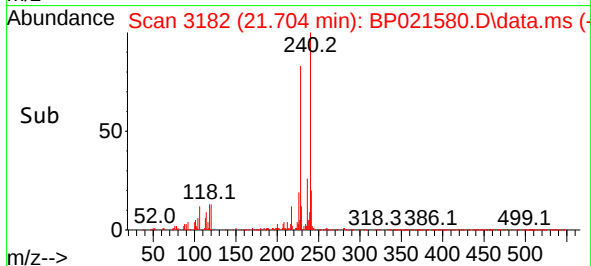
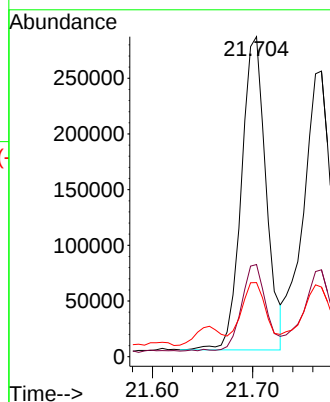
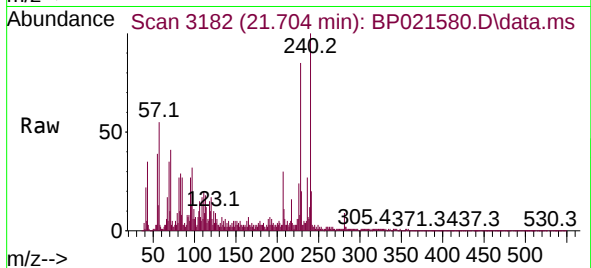
VCPS-B3-081324-10-18

Tgt Ion:	228	Resp:	48054
Ion Ratio	Lower	Upper	
228	100		
226	28.8	21.4	32.2
229	23.1	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#83

Chrysene

Concen: 4.715 ng m

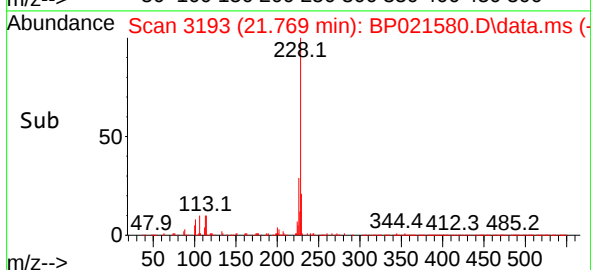
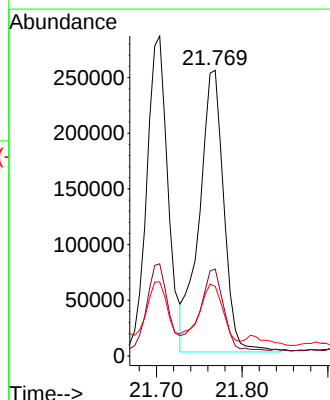
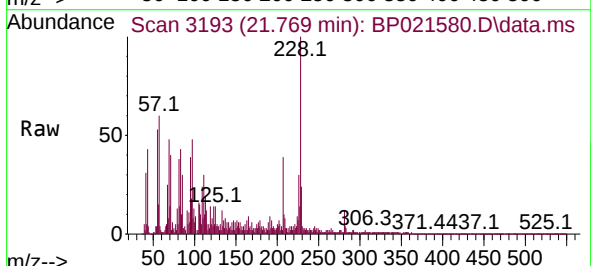
RT: 21.769 min Scan# 3193

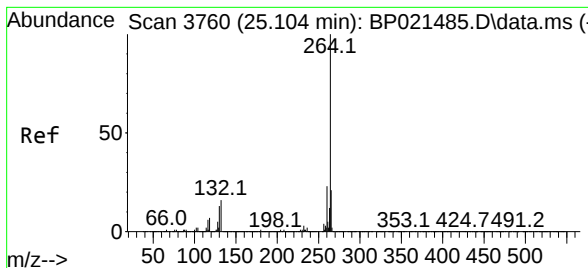
Delta R.T. 0.018 min

Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

Tgt Ion:	228	Resp:	504302
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.9	35.9
229	24.3	15.8	23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 31

Delta R.T. 0.065 min

Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18

Tgt Ion:264 Resp: 221356

Ion Ratio Lower Upper

264 100

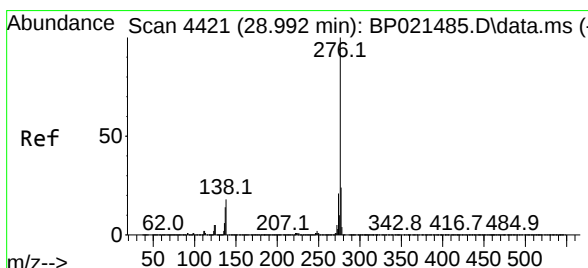
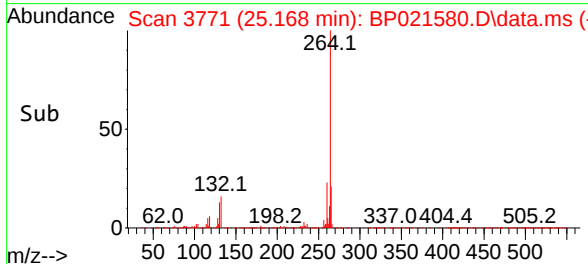
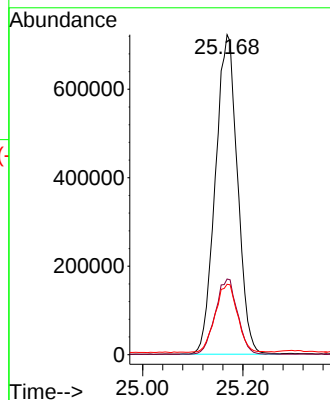
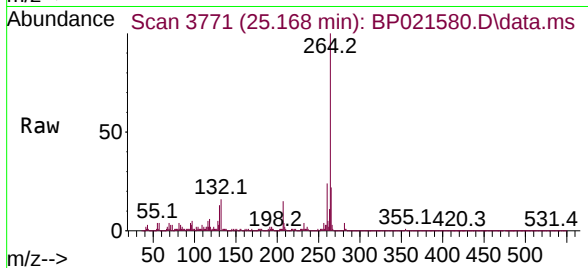
260 23.7 18.6 28.0

265 22.0 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.015 ng

RT: 29.062 min Scan# 4433

Delta R.T. 0.070 min

Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

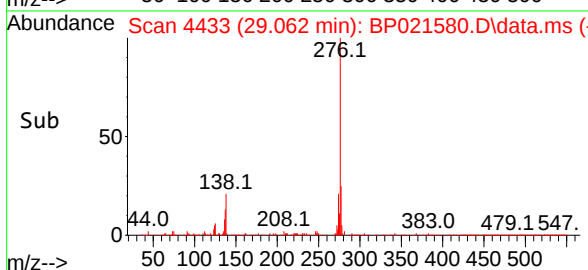
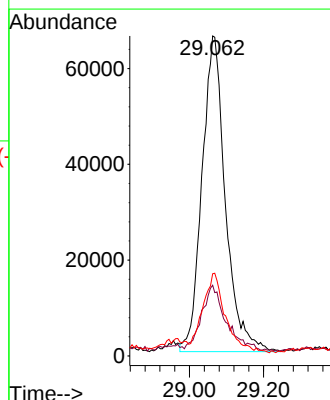
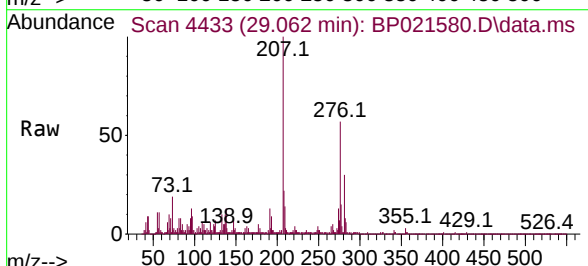
Tgt Ion:276 Resp: 289162

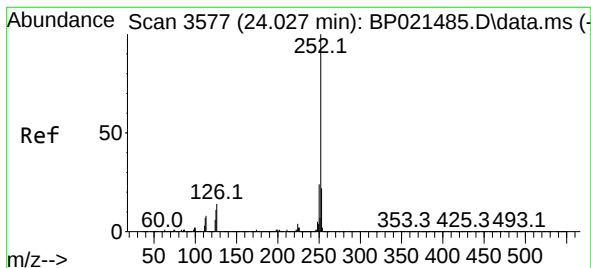
Ion Ratio Lower Upper

276 100

138 20.9 12.8 19.2#

277 22.7 16.5 24.7





#88

Benzo(b)fluoranthene

Concen: 4.690 ng

RT: 24.074 min Scan# 31

Delta R.T. 0.047 min

Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

Instrument :

BNP_P

ClientSampleId :

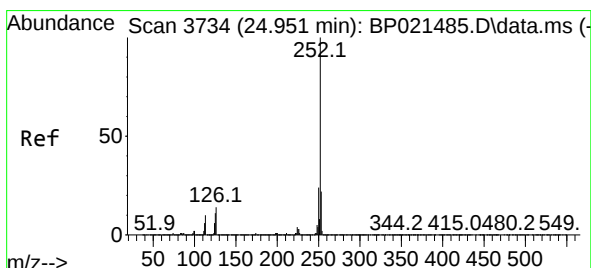
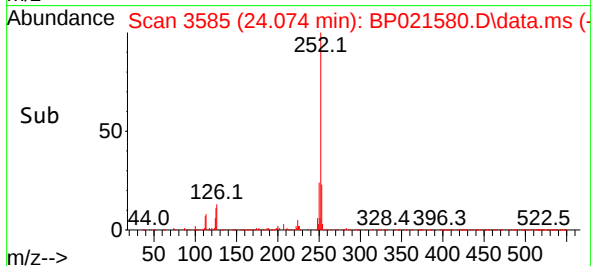
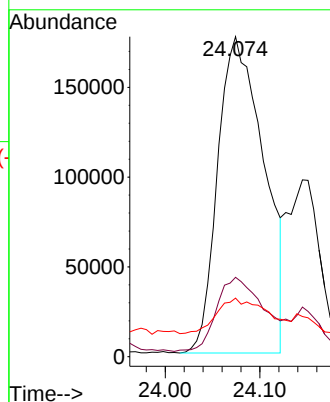
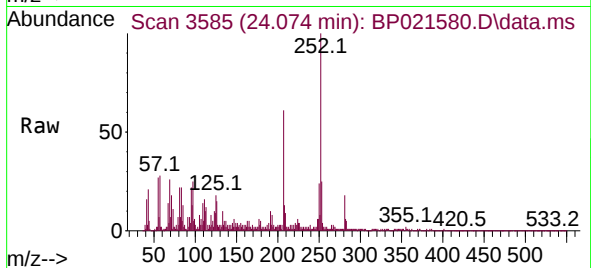
VCPS-B3-081324-10-18

Tgt Ion:252 Resp: 59624
 Ion Ratio Lower Upper
 252 100
 253 24.8 17.6 26.4
 125 18.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#90

Benzo(a)pyrene

Concen: 4.069 ng

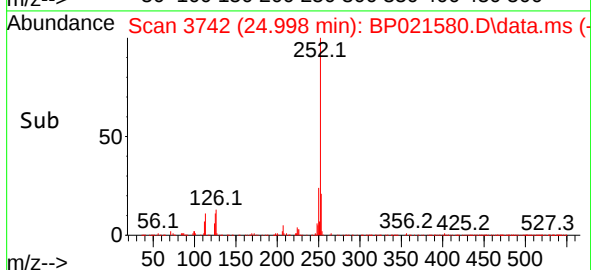
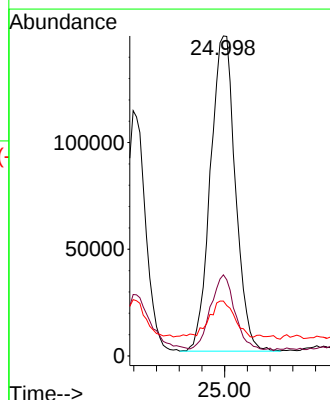
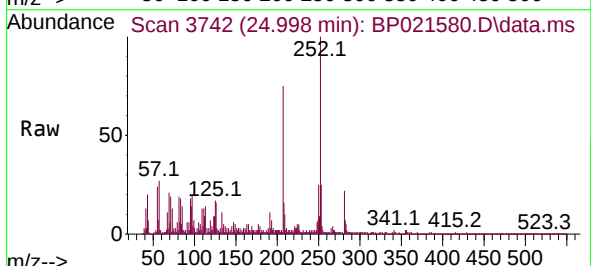
RT: 24.998 min Scan# 3742

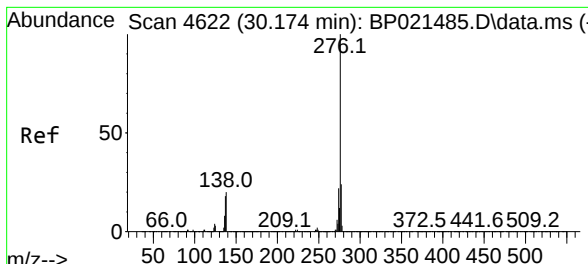
Delta R.T. 0.047 min

Lab File: BP021580.D

Acq: 20 Aug 2024 20:17

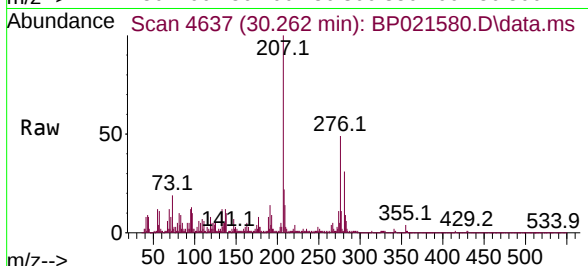
Tgt Ion:252 Resp: 448905
 Ion Ratio Lower Upper
 252 100
 253 25.4 17.7 26.5
 125 17.1 8.7 13.1





#92
 Benzo(g,h,i)perylene
 Concen: 2.314 ng
 RT: 30.262 min Scan# 4637
 Delta R.T. 0.088 min
 Lab File: BP021580.D
 Acq: 20 Aug 2024 20:17

Instrument :
 BNA_P
 ClientSampleId :
 VCPS-B3-081324-10-18



Tgt Ion: 276 Resp: 27648

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	21.2	16.0	24.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

