

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137288.D
 Acq On : 05 Feb 2024 21:17
 Operator : CG\JU
 Sample : P1358-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT24449

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
 Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 06 01:18:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	40470	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	144917	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	72406	20.000	ng	0.01
64) Phenanthrene-d10	11.381	188	78769	20.000	ng	# 0.06
76) Chrysene-d12	13.998	240	77586	20.000	ng	# 0.02
86) Perylene-d12	15.463	264	80080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	256490	104.579	ng	0.00
7) Phenol-d6	6.428	99	321790	91.937	ng	0.00
23) Nitrobenzene-d5	7.351	82	195080	60.269	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	65303	79.860	ng	0.03
45) 2-Fluorobiphenyl	9.151	172	317702	60.318	ng	0.00
79) Terphenyl-d14	12.969	244	279949	49.052	ng	0.05
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	130624	31.677	ng	# 64
72) Anthracene	11.457	178	29419	6.845	ng	# 13
74) Di-n-butylphthalate	11.951	149	54149	13.946	ng	# 38
75) Fluoranthene	12.610	202	189607	43.941	ng	87
78) Pyrene	12.833	202	180675	24.232	ng	# 89
81) Benzo(a)anthracene	13.986	228	89823	16.347	ng	93
83) Chrysene	14.022	228	79708m	14.755	ng	
84) Bis(2-ethylhexyl)phtha...	13.974	149	5200	2.343	ng	# 59
87) Indeno(1,2,3-cd)pyrene	16.951	276	33383	5.934	ng	96
88) Benzo(b)fluoranthene	15.033	252	93748m	19.036	ng	
89) Benzo(k)fluoranthene	15.057	252	28343m	5.440	ng	
90) Benzo(a)pyrene	15.398	252	65528	14.139	ng	# 95
91) Dibenzo(a,h)anthracene	16.968	278	9026	2.002	ng	# 91
92) Benzo(g,h,i)perylene	17.410	276	31370	7.090	ng	97

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

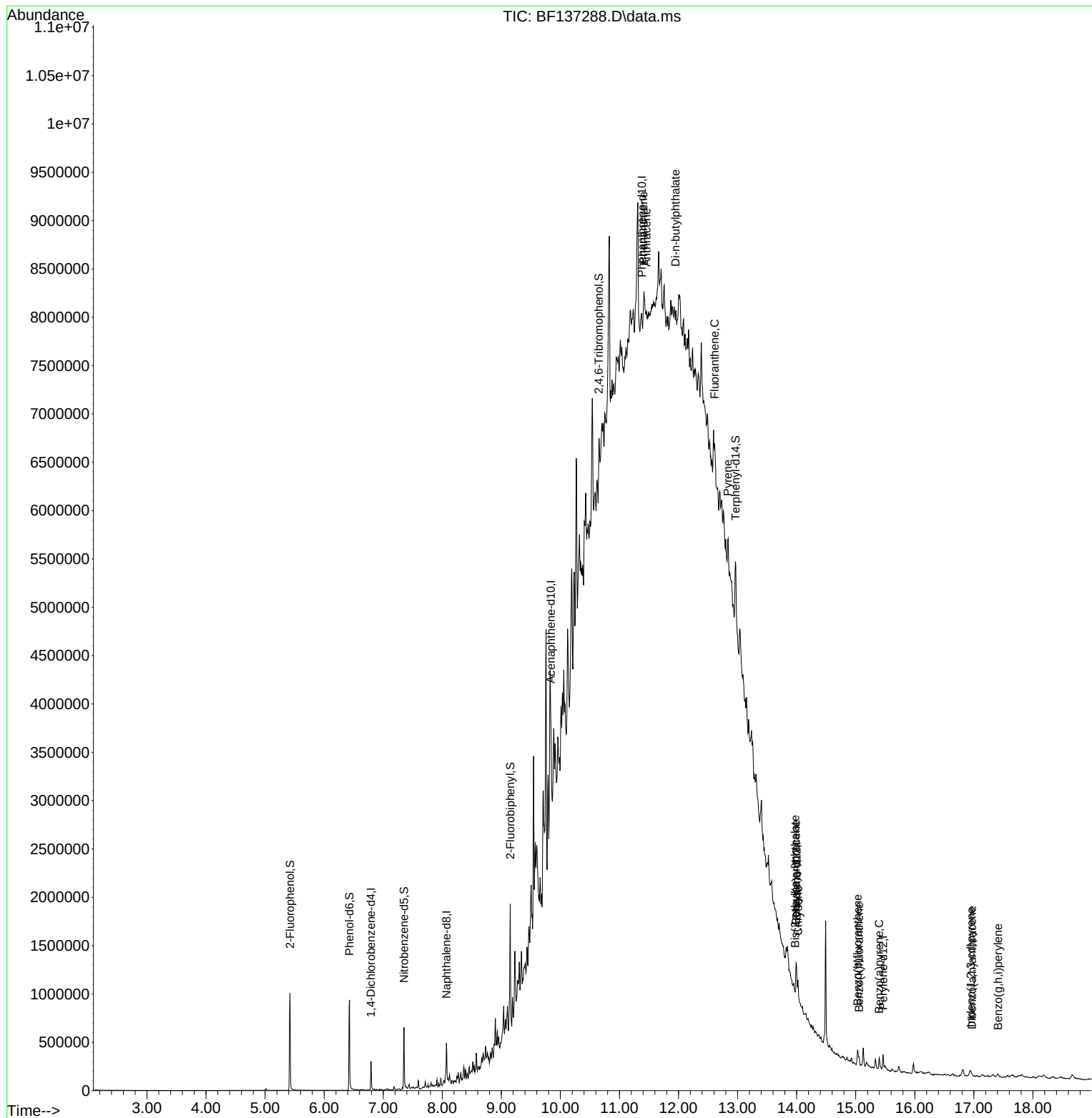
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
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Acq On : 05 Feb 2024 21:17
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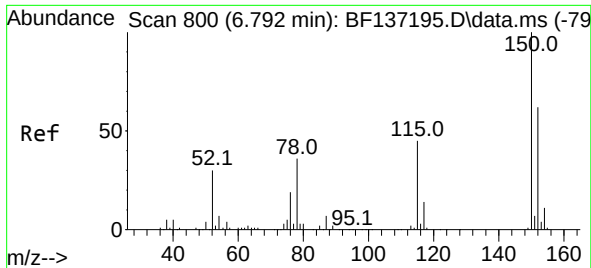
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Quant Time: Feb 06 01:18:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
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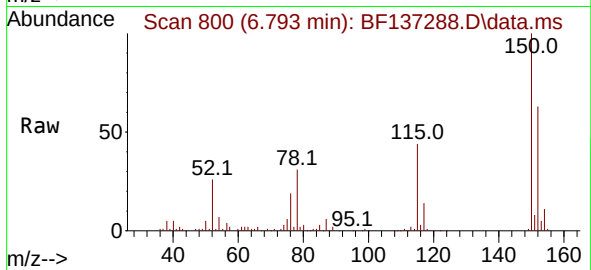
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

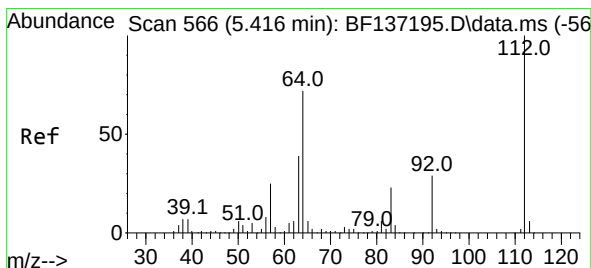
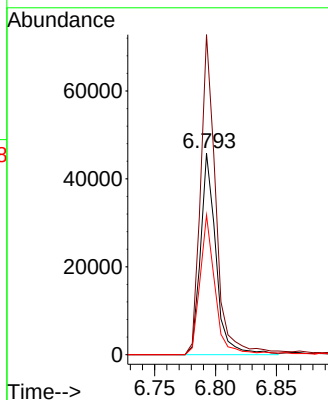
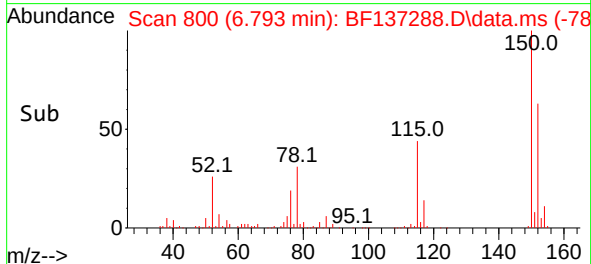
Instrument :
BNA_F
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Tgt Ion:152 Resp: 40470
Ion Ratio Lower Upper
152 100
150 158.8 129.8 194.8
115 69.3 58.5 87.7

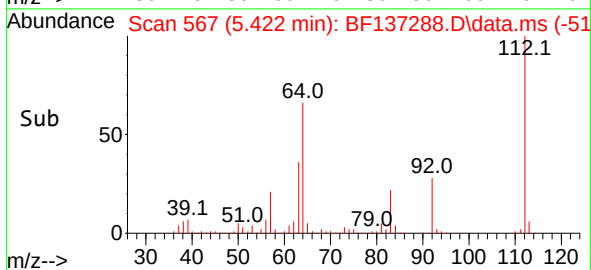
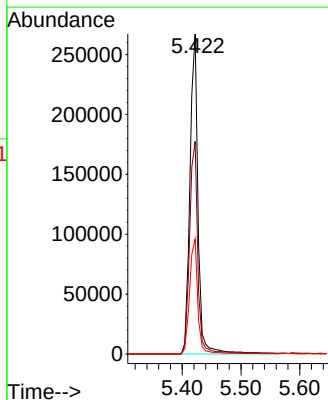
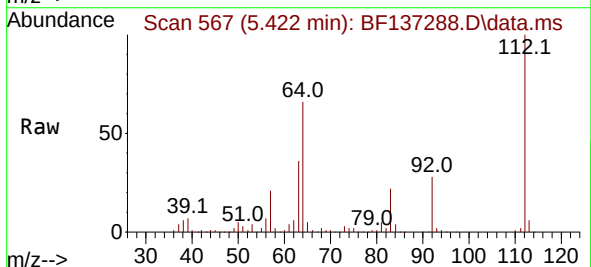
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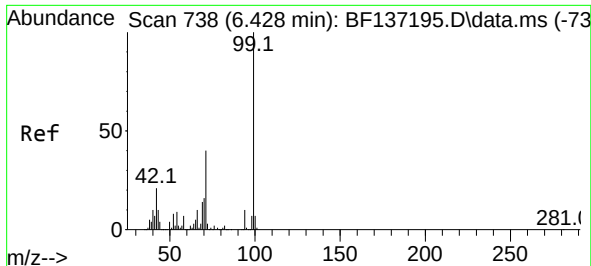
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#5
2-Fluorophenol
Concen: 104.579 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

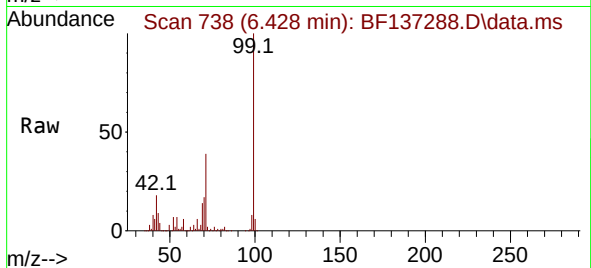
Tgt Ion:112 Resp: 256490
Ion Ratio Lower Upper
112 100
64 66.4 57.8 86.6
63 36.0 31.4 47.0





#7
Phenol-d6
Concen: 91.937 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

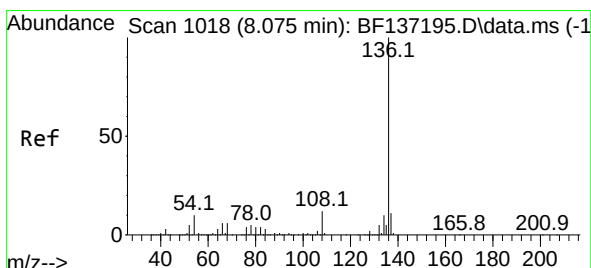
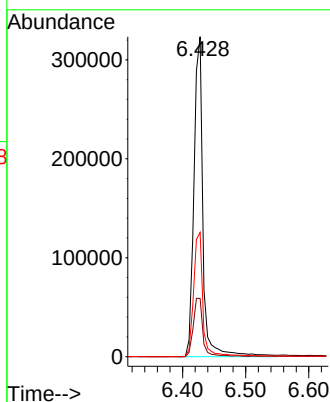
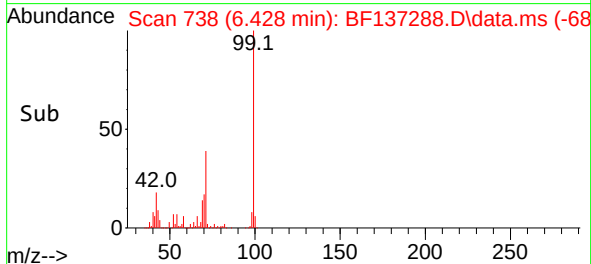
Instrument :
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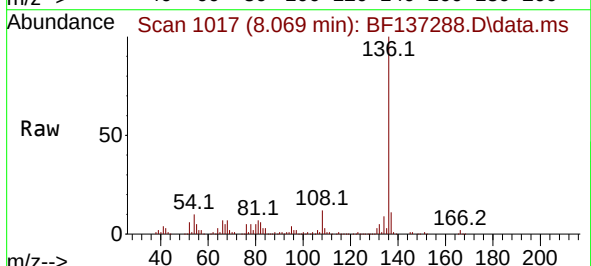
Tgt Ion: 99 Resp: 321790
Ion Ratio Lower Upper
99 100
42 18.2 16.4 24.6
71 38.9 32.4 48.6

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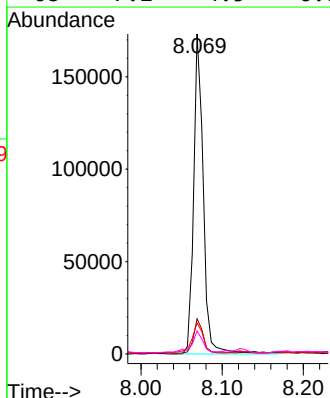
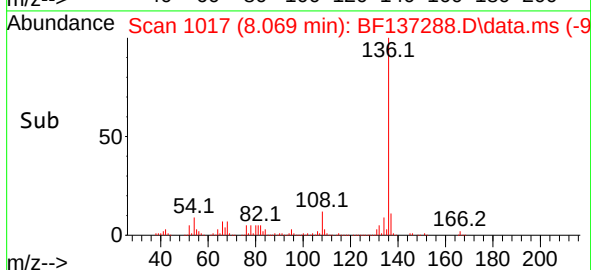
Reviewed By :Jagrut Upadhyay 02/06/2024
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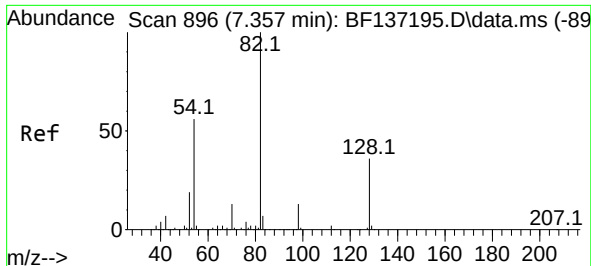


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17



Tgt Ion:136 Resp: 144917
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 7.8 11.8
68 7.2 4.5 6.7#





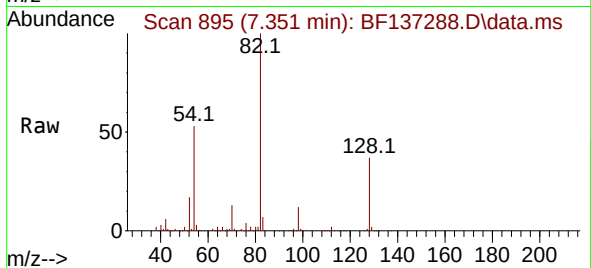
#23
Nitrobenzene-d5
Concen: 60.269 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT24449

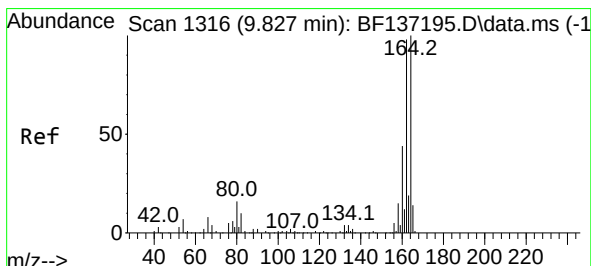
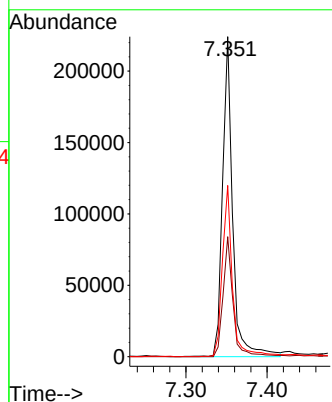
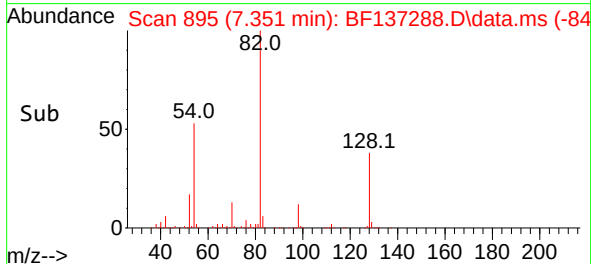


Tgt Ion: 82 Resp: 195080
Ion Ratio Lower Upper
82 100
128 37.5 29.1 43.7
54 53.5 45.0 67.6

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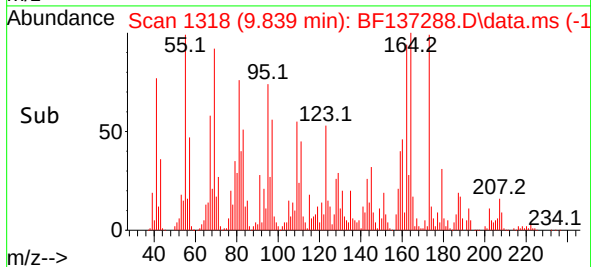
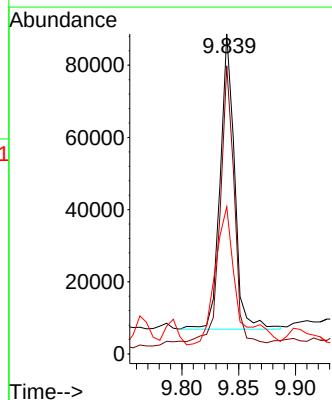
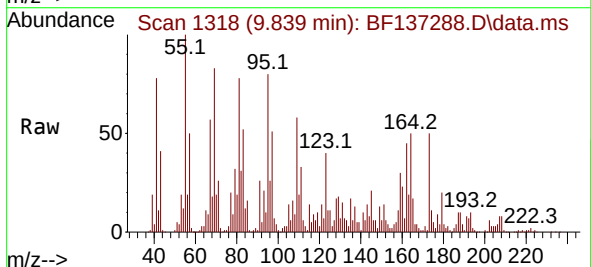
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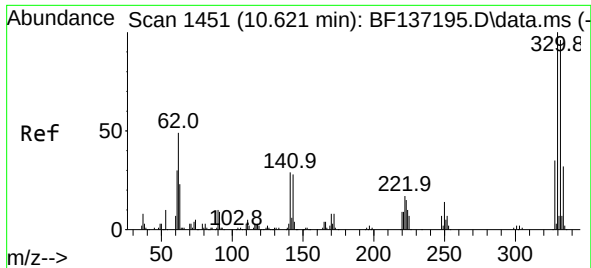
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Tgt Ion:164 Resp: 72406
Ion Ratio Lower Upper
164 100
162 90.0 78.3 117.5
160 46.0 35.4 53.2





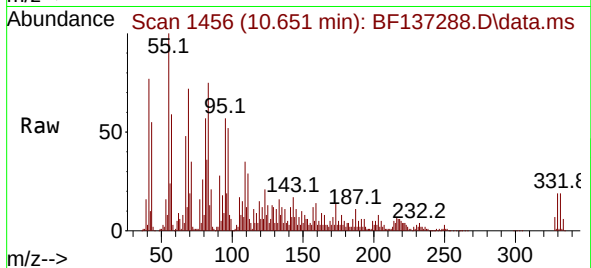
#42
2,4,6-Tribromophenol
Concen: 79.860 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.030 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT24449

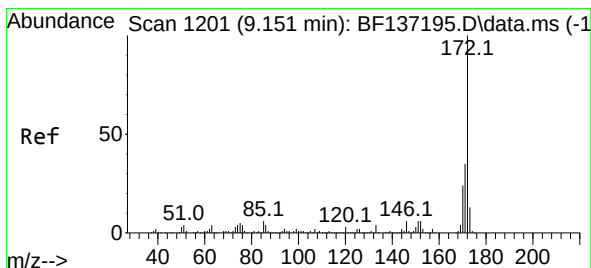
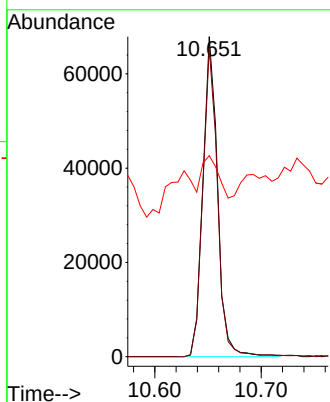
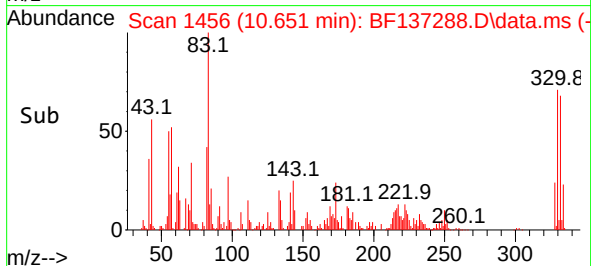


Tgt Ion:330 Resp: 6530
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 14.2 25.2 37.8

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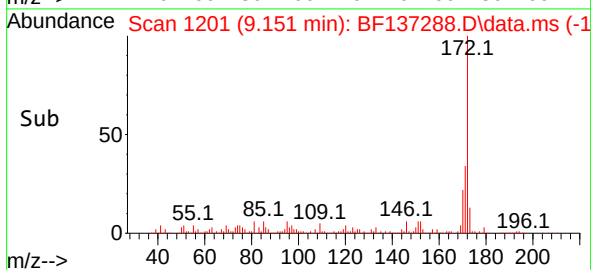
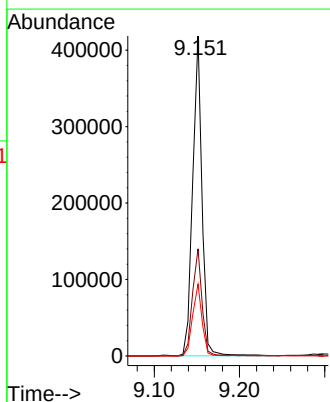
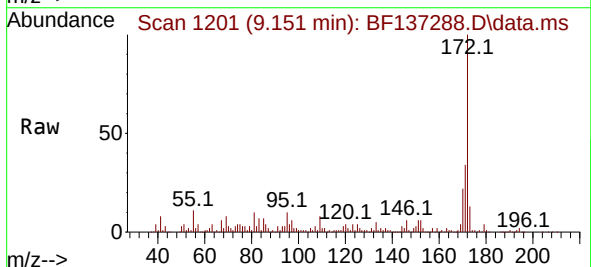
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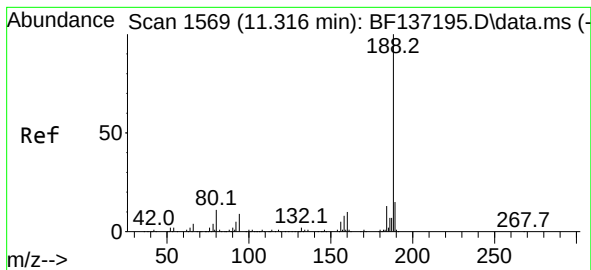
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#45
2-Fluorobiphenyl
Concen: 60.318 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Tgt Ion:172 Resp: 317702
Ion Ratio Lower Upper
172 100
171 33.5 28.3 42.5
170 22.4 19.1 28.7





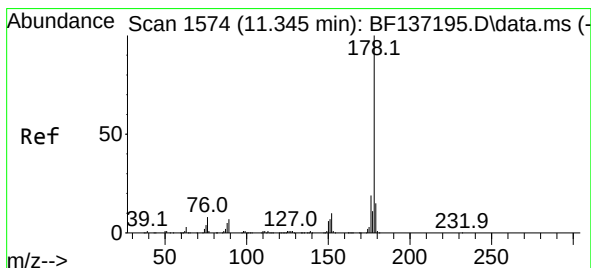
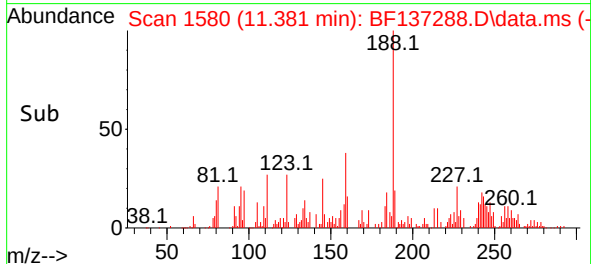
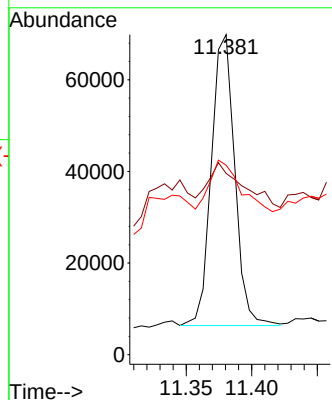
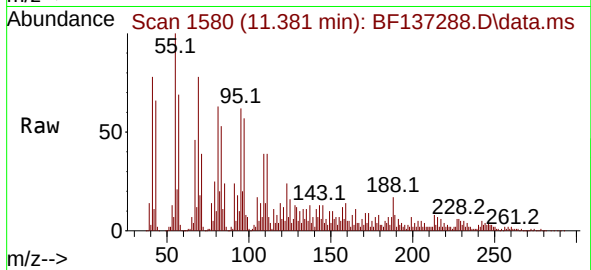
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 11381
Delta R.T. 0.064 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Instrument :
BNA_F
ClientSampleId :
CHRT24449

Tgt Ion:188 Resp: 78769
Ion Ratio Lower Upper
188 100
94 56.6 7.0 10.4
80 59.2 8.8 13.2

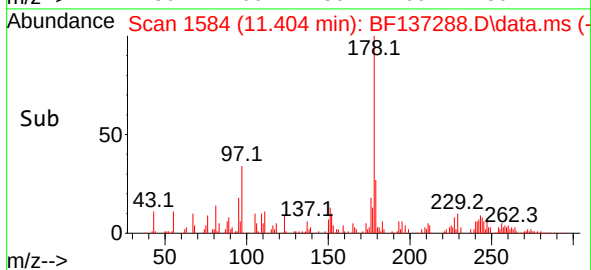
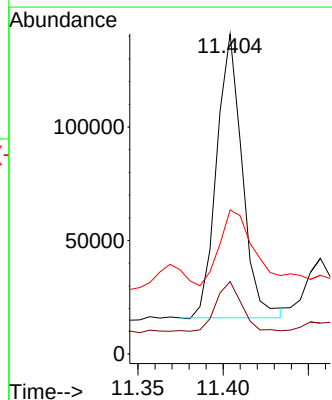
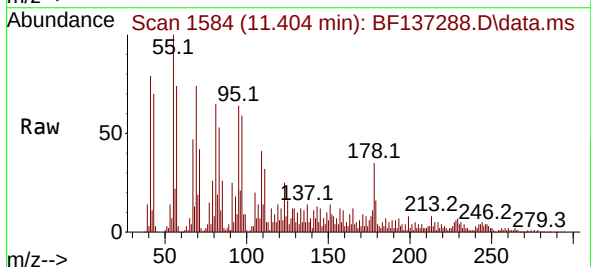
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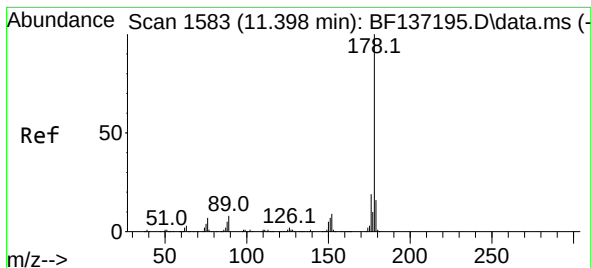
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#71
Phenanthrene
Concen: 31.677 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.059 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Tgt Ion:178 Resp: 130624
Ion Ratio Lower Upper
178 100
176 22.6 15.1 22.7
179 45.0 12.1 18.1





#72

Anthracene

Concen: 6.845 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.059 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA_F

ClientSampleId :

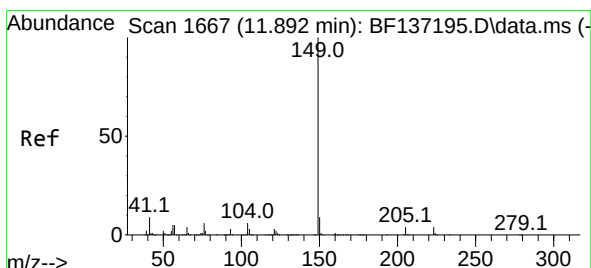
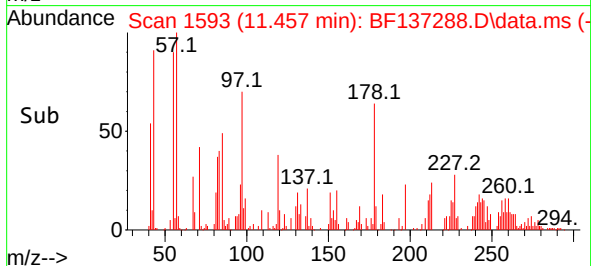
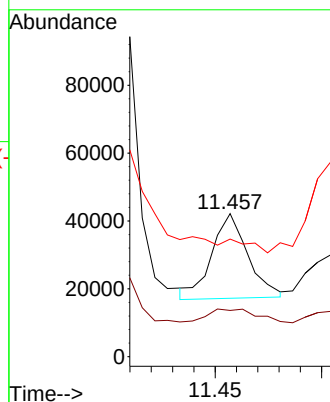
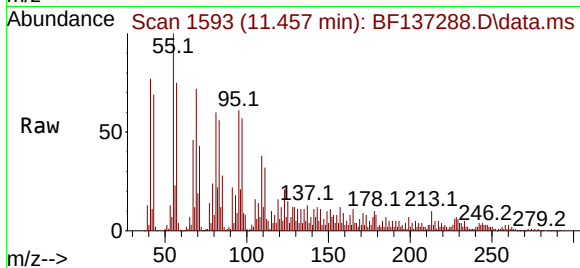
CHRT24449

Tgt Ion:178	Resp:	29419
Ion Ratio	Lower	Upper
178	100	
176	32.3	15.3 22.9
179	82.3	12.7 19.1

Manual Integrations

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#74

Di-n-butylphthalate

Concen: 13.946 ng

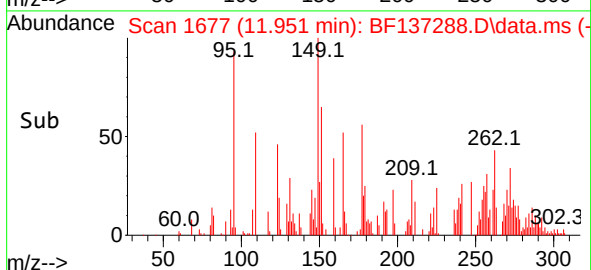
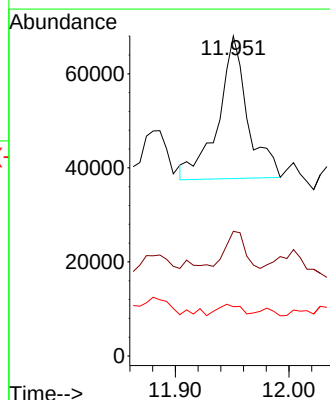
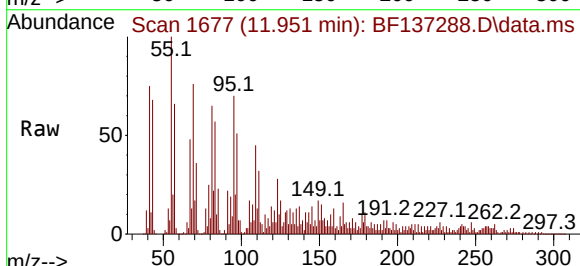
RT: 11.951 min Scan# 1677

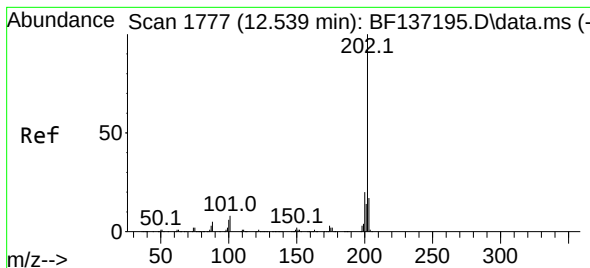
Delta R.T. 0.059 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

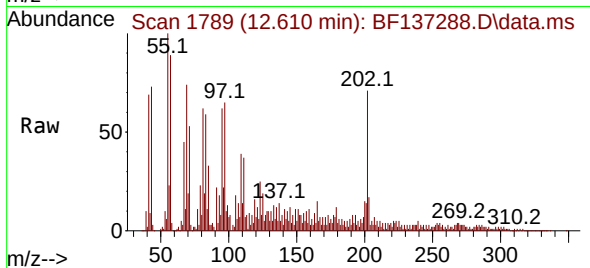
Tgt Ion:149	Resp:	54149
Ion Ratio	Lower	Upper
149	100	
150	38.9	7.4 11.0
104	15.4	4.5 6.7





#75
Fluoranthene
Concen: 43.941 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF137288.D
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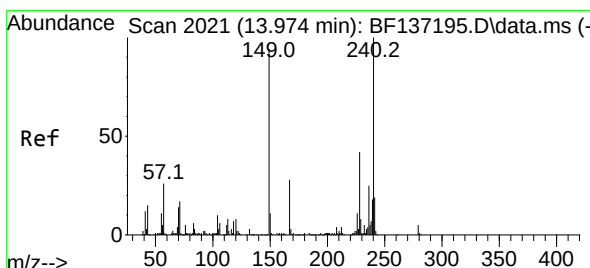
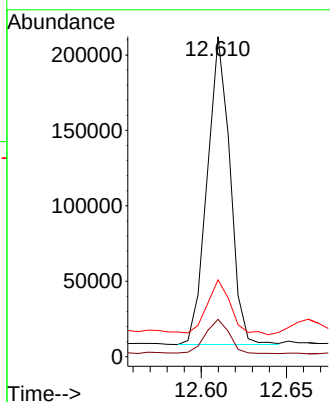
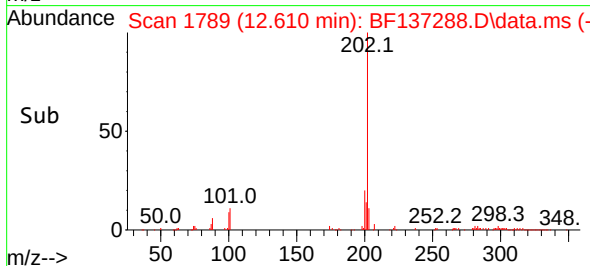
Instrument :
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Tgt Ion:202 Resp: 18960
Ion Ratio Lower Upper
202 100
101 11.7 0.0 28.4
203 24.0 0.0 37.3

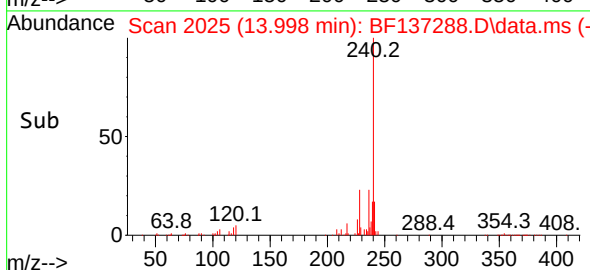
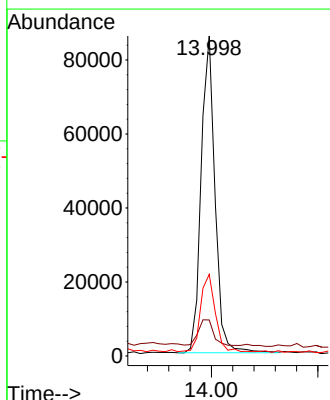
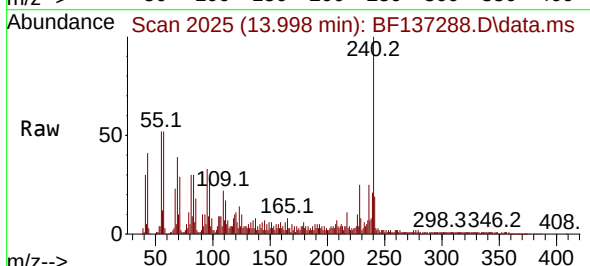
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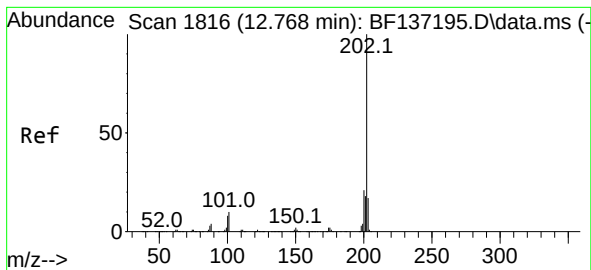
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.024 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Tgt Ion:240 Resp: 77586
Ion Ratio Lower Upper
240 100
120 11.3 6.3 9.5#
236 25.5 20.3 30.5





#78

Pyrene

Concen: 24.232 ng

RT: 12.833 min Scan# 18067

Delta R.T. 0.065 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT24449

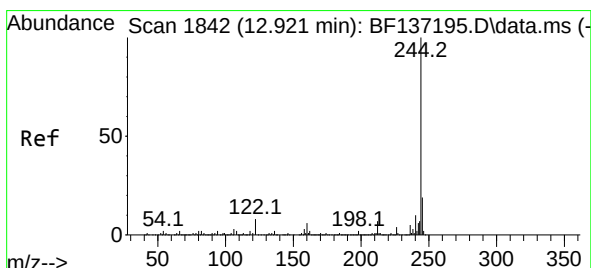
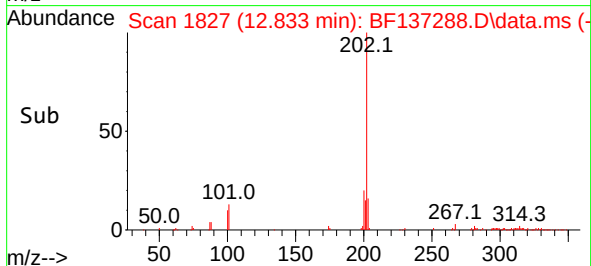
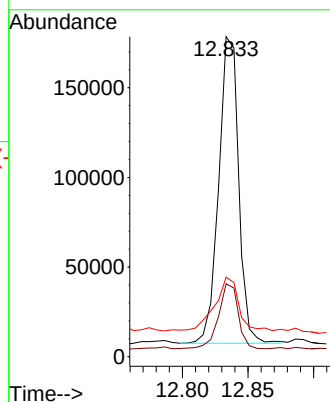
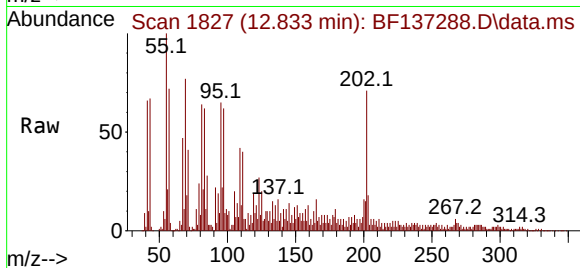
Tgt Ion:202 Resp: 18067

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.5	24.7
203	24.8	13.8	20.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#79

Terphenyl-d14

Concen: 49.052 ng

RT: 12.969 min Scan# 1850

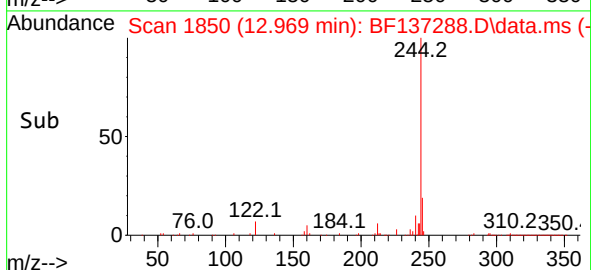
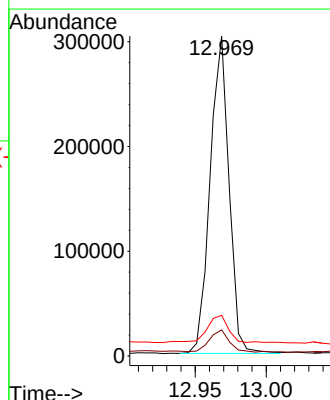
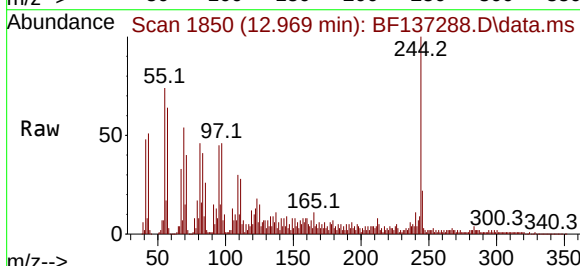
Delta R.T. 0.047 min

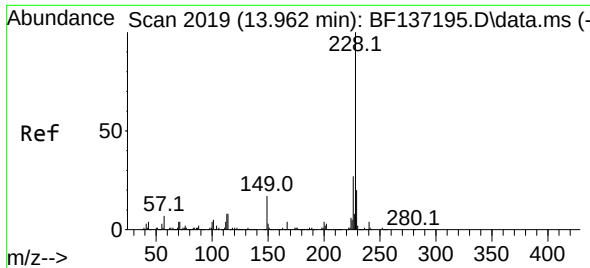
Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Tgt Ion:244 Resp: 279949

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.5	8.3
122	12.7	6.2	9.4





#81
Benzo(a)anthracene
Concen: 16.347 ng
RT: 13.986 min Scan# 2019
Delta R.T. 0.024 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Instrument :

BNF_F

ClientSampleId :

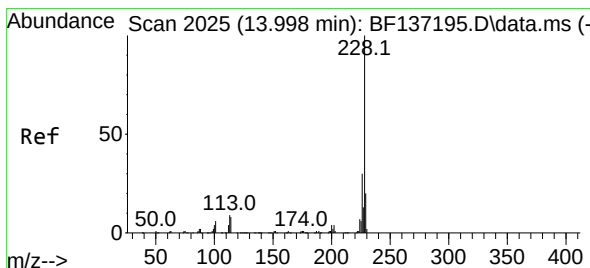
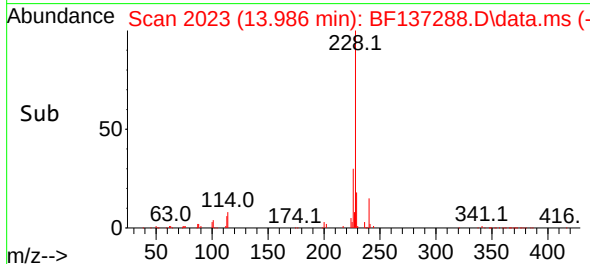
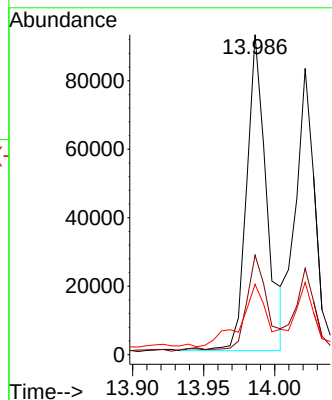
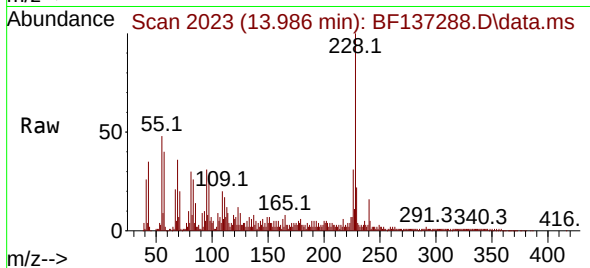
CHRT24449

Tgt Ion:228 Resp: 8982
Ion Ratio Lower Upper
228 100
226 31.1 21.6 32.4
229 22.0 15.8 23.6

Manual Integrations

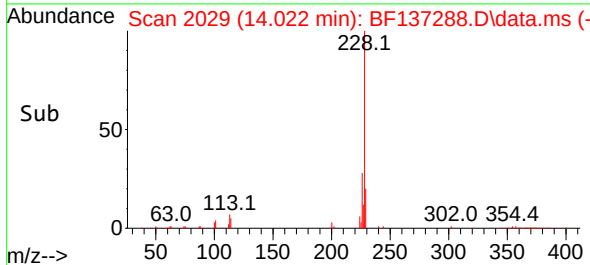
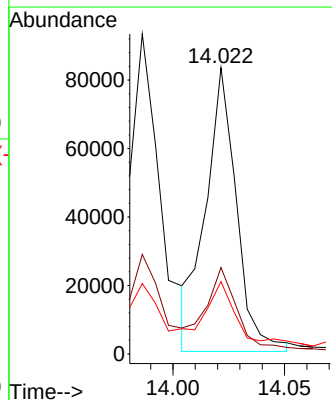
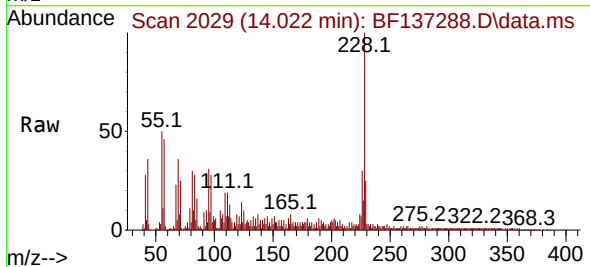
APPROVED

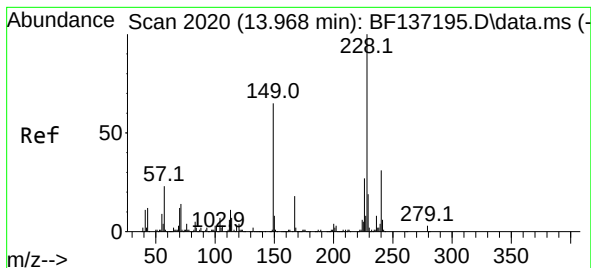
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#83
Chrysene
Concen: 14.755 ng m
RT: 14.022 min Scan# 2029
Delta R.T. 0.024 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Tgt Ion:228 Resp: 79708
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 25.3 15.6 23.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.343 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT24449

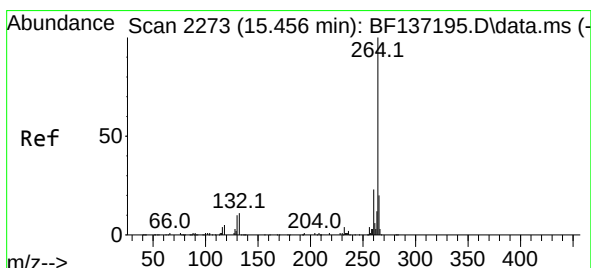
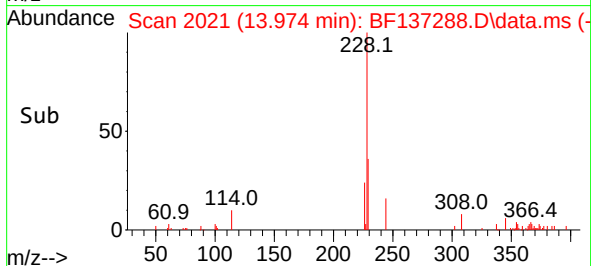
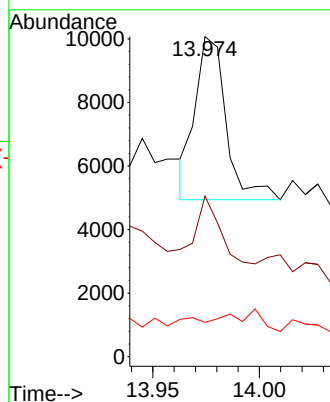
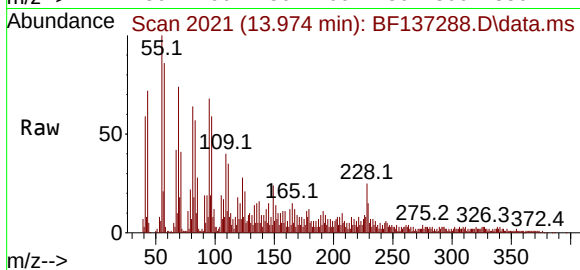
Tgt Ion:149 Resp: 5200

Ion	Ratio	Lower	Upper
149	100		
167	50.2	21.7	32.5
279	10.7	3.4	5.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

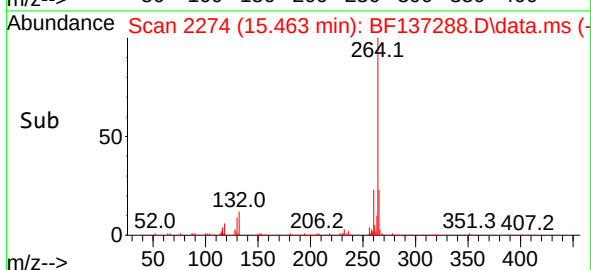
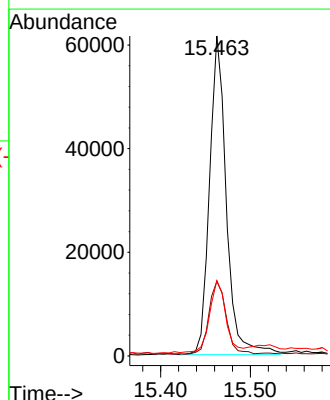
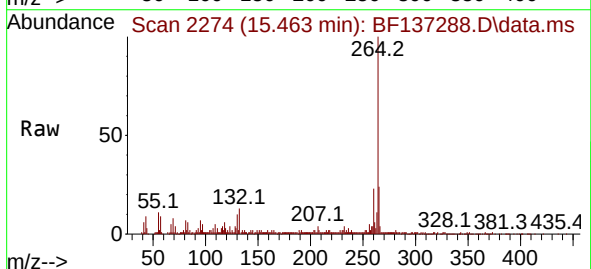
Delta R.T. 0.006 min

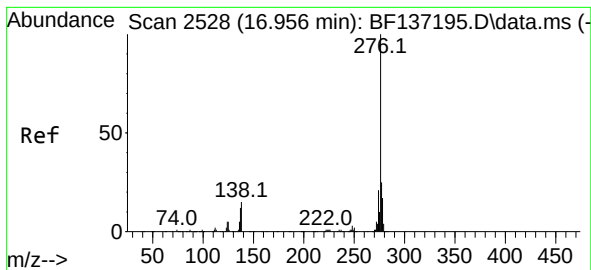
Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Tgt Ion:264 Resp: 80080

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	23.6	16.2	24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.934 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT24449

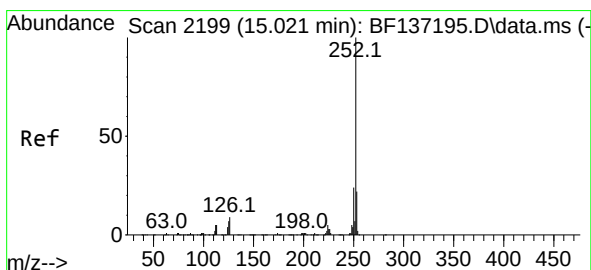
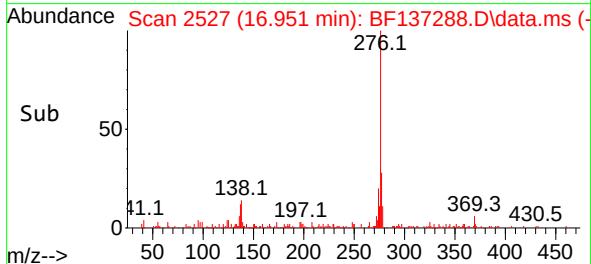
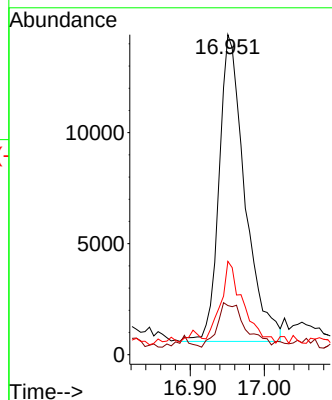
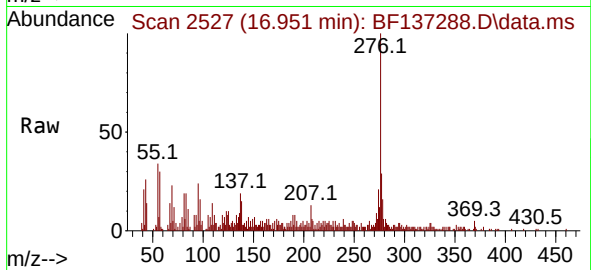
Tgt Ion:276 Resp: 3338

Ion	Ratio	Lower	Upper
276	100		
138	15.5	14.6	21.8
277	23.7	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#88

Benzo(b)fluoranthene

Concen: 19.036 ng m

RT: 15.033 min Scan# 2201

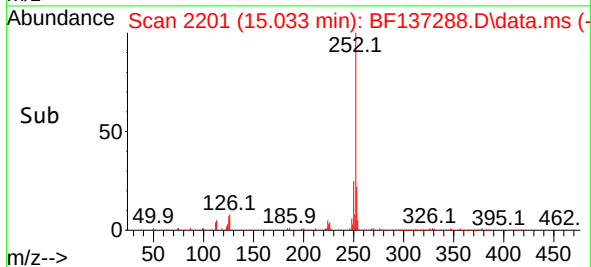
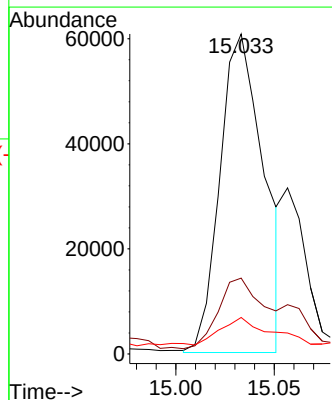
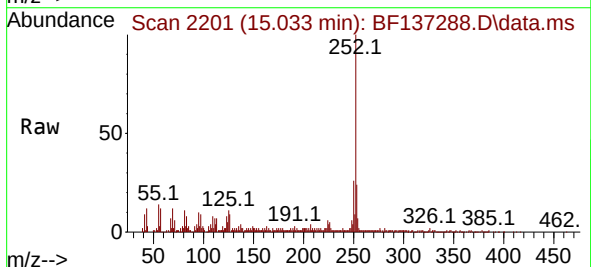
Delta R.T. 0.012 min

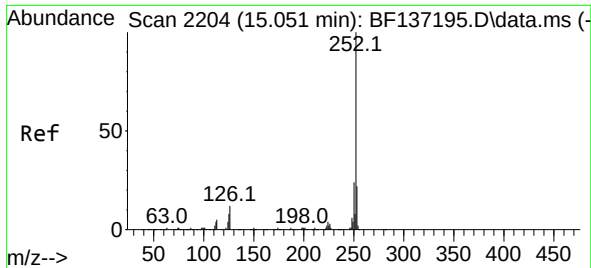
Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Tgt Ion:252 Resp: 93748

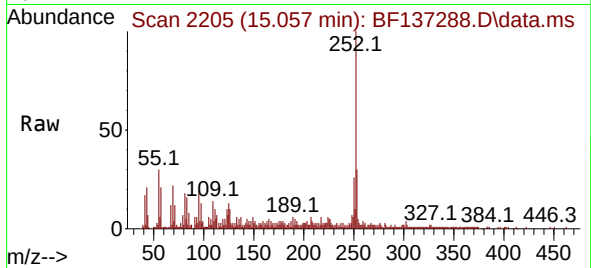
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	11.4	5.4	8.2





#89
Benzo(k)fluoranthene
Concen: 5.440 ng m
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

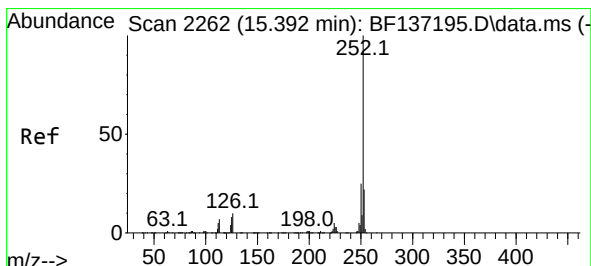
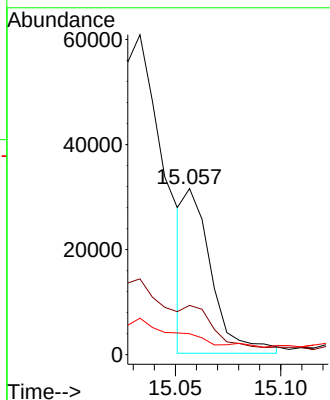
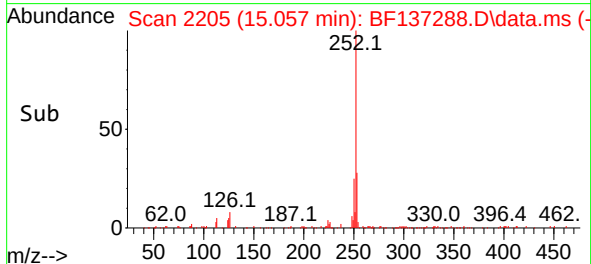
Instrument :
BNA_F
ClientSampleId :
CHRT24449



Tgt Ion:252 Resp: 2834
Ion Ratio Lower Upper
252 100
253 29.7 17.0 25.6
125 12.6 5.9 8.9

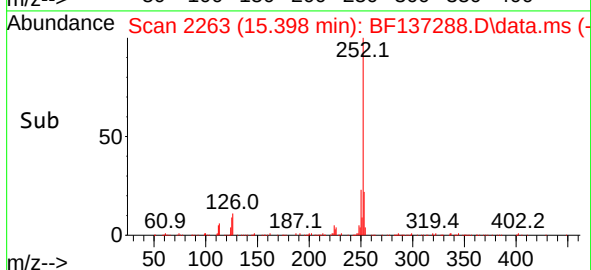
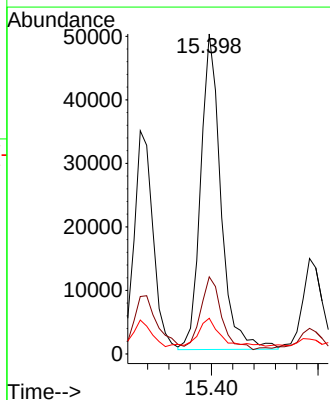
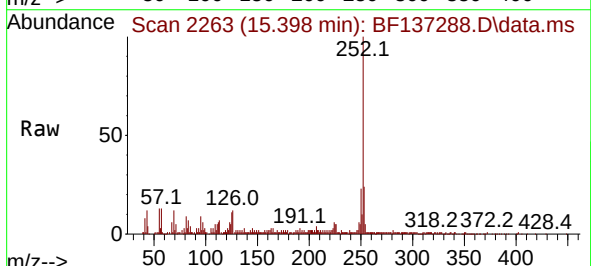
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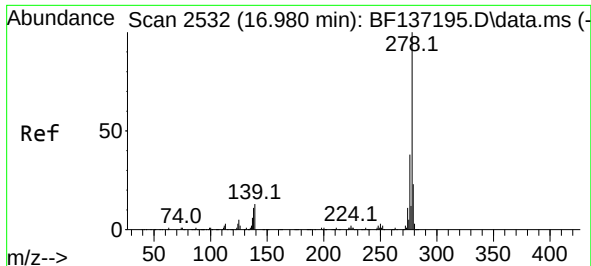
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#90
Benzo(a)pyrene
Concen: 14.139 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

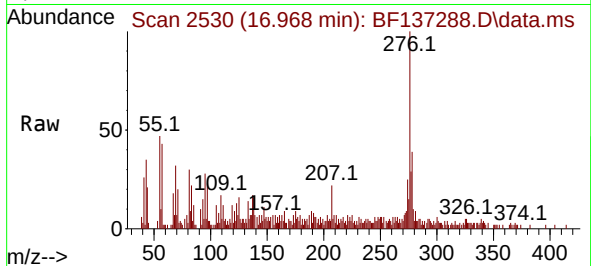
Tgt Ion:252 Resp: 65528
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 11.2 6.5 9.7





#91
Dibenzo(a,h)anthracene
Concen: 2.002 ng
RT: 16.968 min Scan# 2532
Delta R.T. -0.012 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

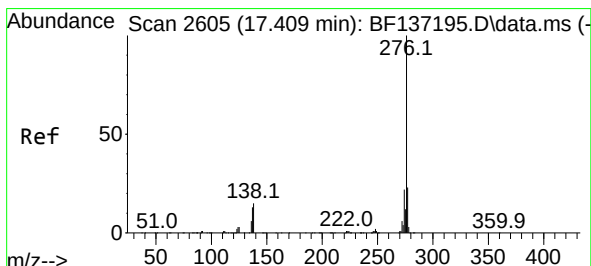
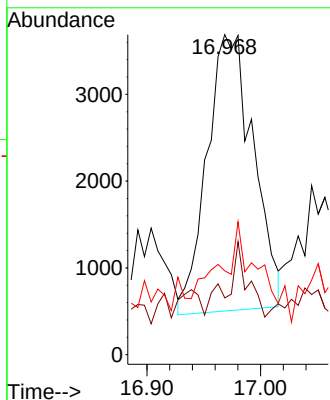
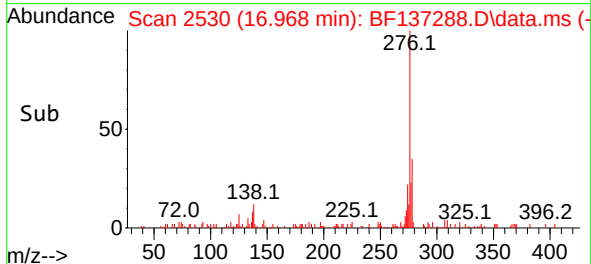
Instrument :
BNA_F
ClientSampleId :
CHRT24449



Tgt Ion:278 Resp: 9020
Ion Ratio Lower Upper
278 100
139 17.7 10.0 15.0
279 26.2 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#92
Benzo(g,h,i)perylene
Concen: 7.090 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF137288.D
Acq: 05 Feb 2024 21:17

Tgt Ion:276 Resp: 31370
Ion Ratio Lower Upper
276 100
277 24.4 18.4 27.6
138 16.3 11.8 17.8

