

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134693.D
 Acq On : 09 Aug 2023 16:50
 Operator : CG\JU
 Sample : 03930-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 01:41:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	172258	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	668650	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	314734	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	477268	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	356760	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	333697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	798127	70.431	ng	0.00
7) Phenol-d6	6.434	99	993930	68.614	ng	0.00
23) Nitrobenzene-d5	7.357	82	588810	55.031	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	228874	71.336	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1062888	56.151	ng	0.00
79) Terphenyl-d14	12.916	244	840788	41.546	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.345	178	75239	2.968	ng	98
75) Fluoranthene	12.539	202	195269	7.292	ng	96
78) Pyrene	12.769	202	162476	5.263	ng	97
81) Benzo(a)anthracene	13.963	228	78982	3.096	ng	98
83) Chrysene	13.998	228	101240	4.073	ng	98
88) Benzo(b)fluoranthene	15.016	252	131731m	6.473	ng	
90) Benzo(a)pyrene	15.380	252	66418	3.500	ng	# 83

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

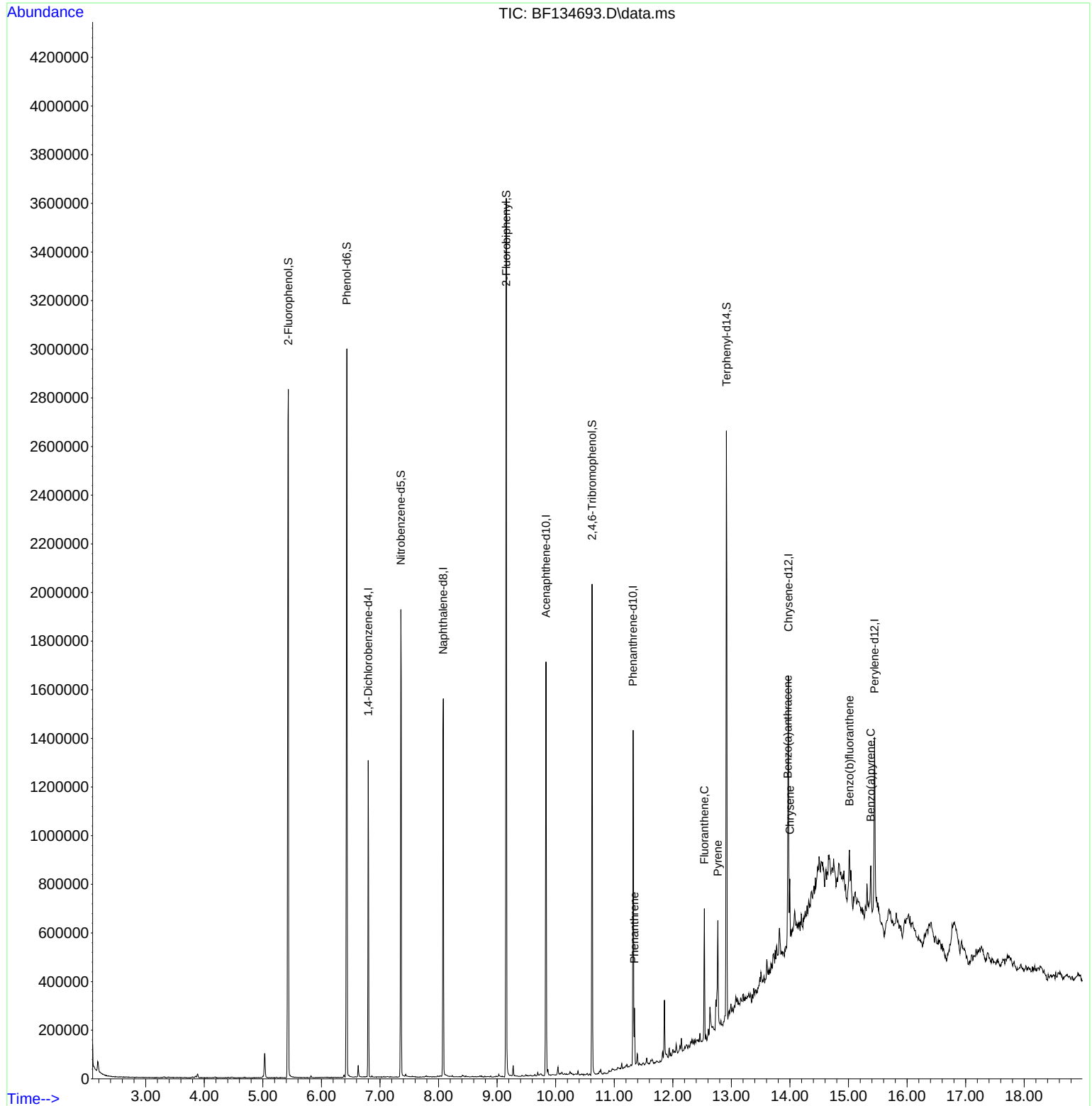
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134693.D
Acq On : 09 Aug 2023 16:50
Operator : CG\JU
Sample : 03930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

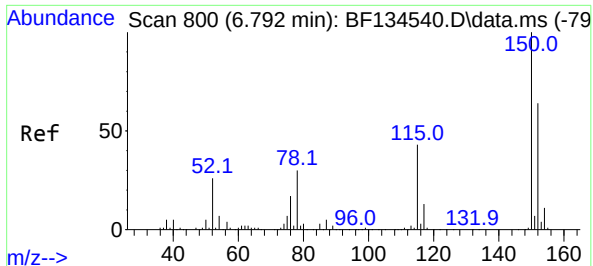
Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Time: Aug 10 01:41:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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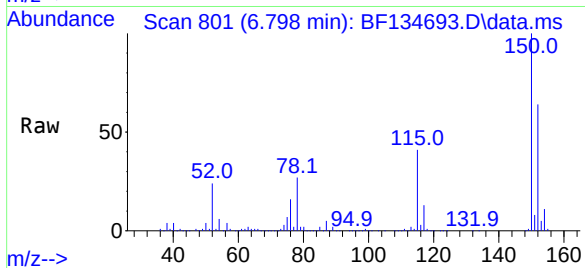
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

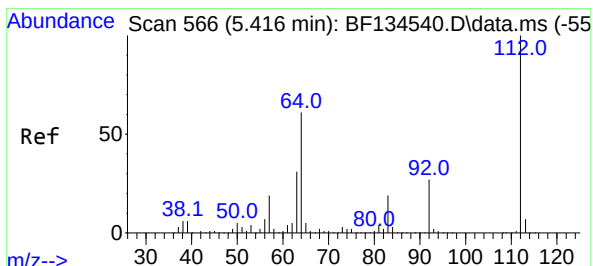
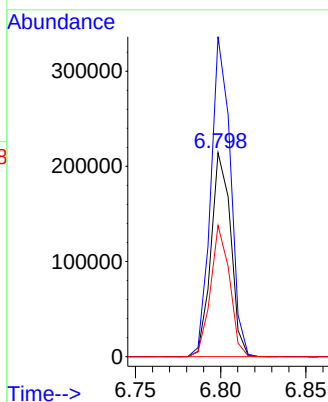
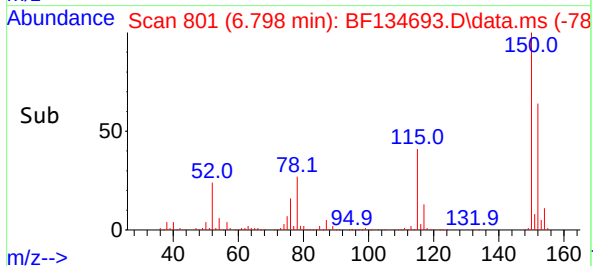
Instrument :
BNA_F
ClientSampleId :
VNJ-207



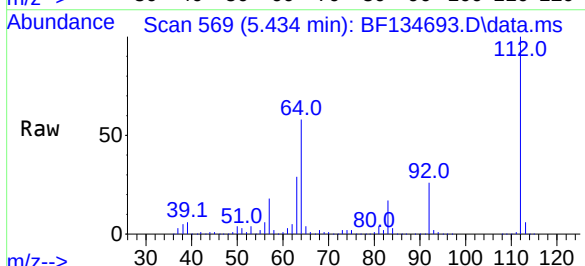
Tgt Ion:152 Resp: 172258
Ion Ratio Lower Upper
152 100
150 156.9 128.3 192.5
115 64.3 52.4 78.6

Manual Integrations
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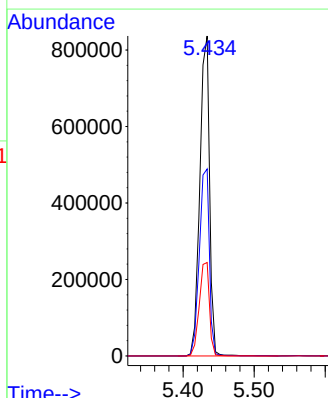
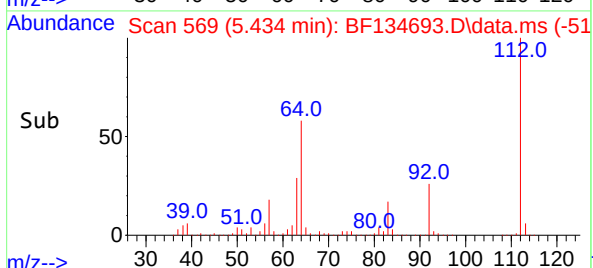
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

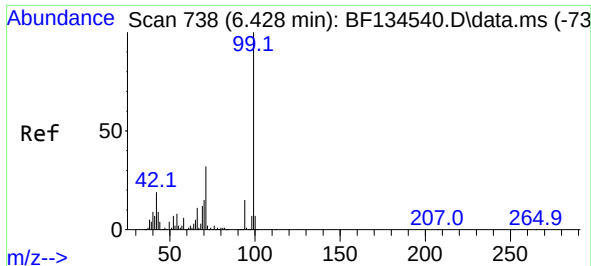


#5
2-Fluorophenol
Concen: 70.431 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50



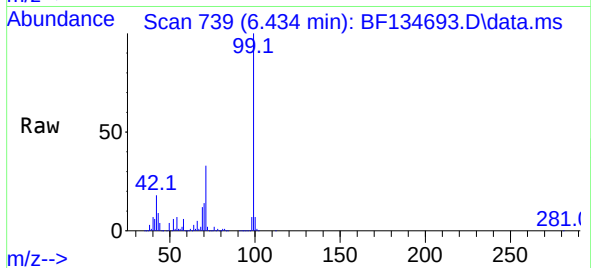
Tgt Ion:112 Resp: 798127
Ion Ratio Lower Upper
112 100
64 58.4 44.9 67.3
63 29.2 25.4 38.0





#7
Phenol-d6
Concen: 68.614 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

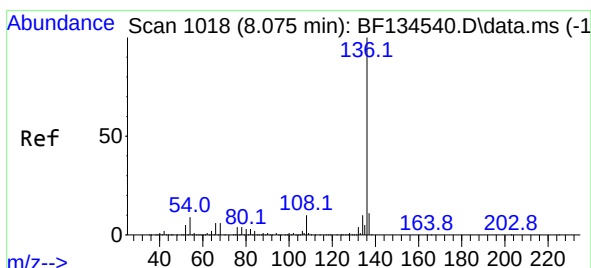
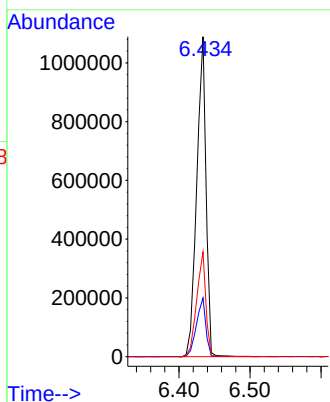
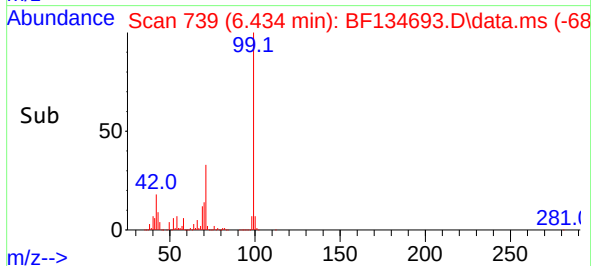
Instrument :
BNA_F
ClientSampleId :
VNJ-207



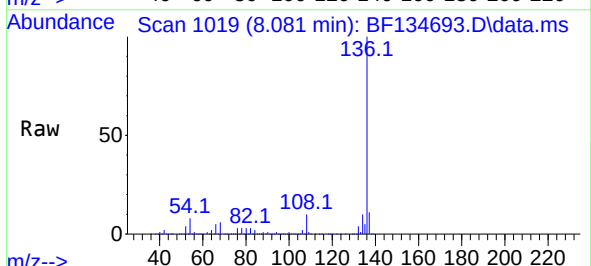
Tgt Ion: 99 Resp: 993930
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 32.8 36.4 54.6#

Manual Integrations
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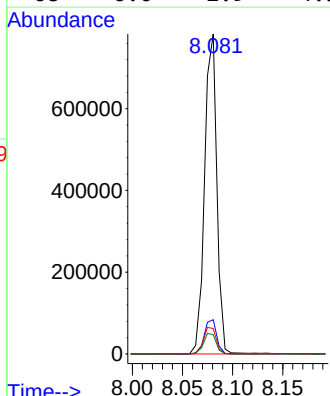
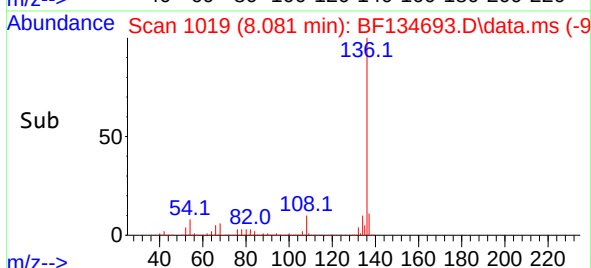
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

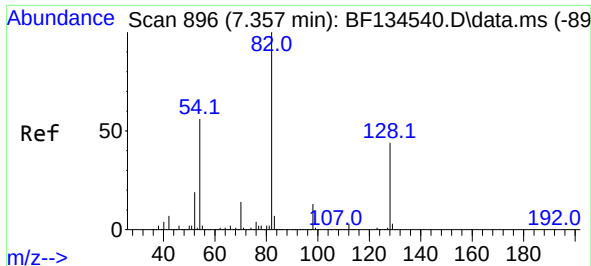


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50



Tgt Ion:136 Resp: 668650
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.0 5.2 7.8#
68 6.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 55.031 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134693.D

Acq: 09 Aug 2023 16:50

Instrument :

BNA_F

ClientSampleId :

VNJ-207

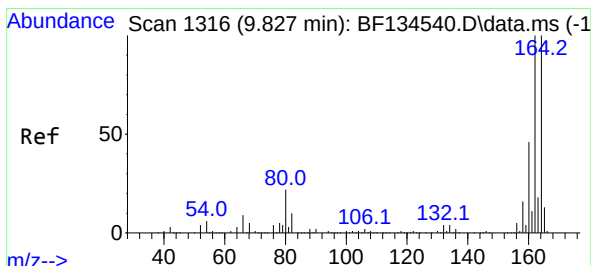
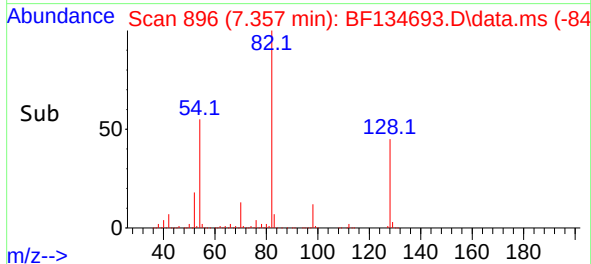
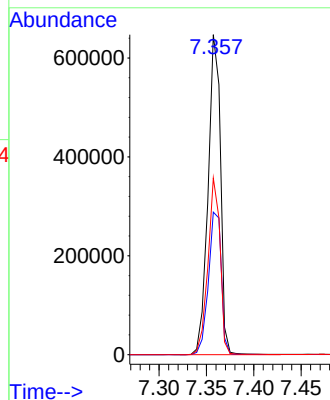
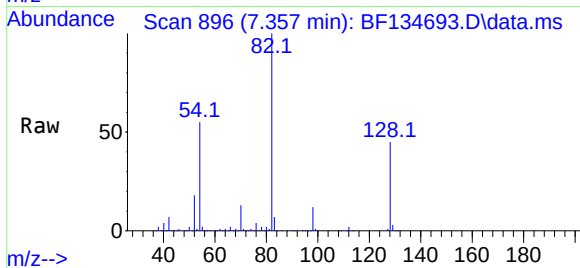
Tgt Ion: 82 Resp: 588810

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.3	51.5
54	55.2	43.8	65.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

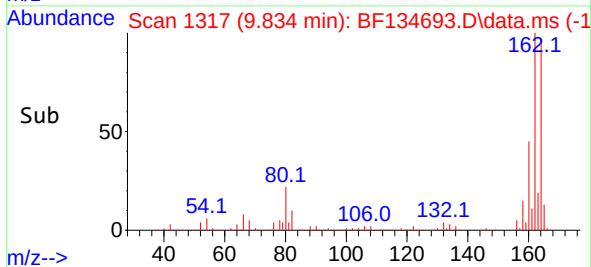
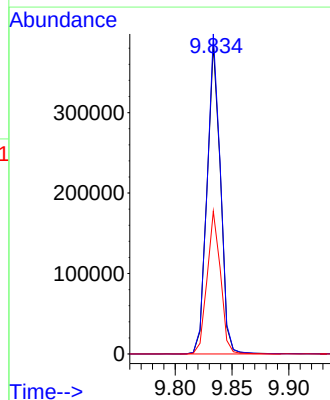
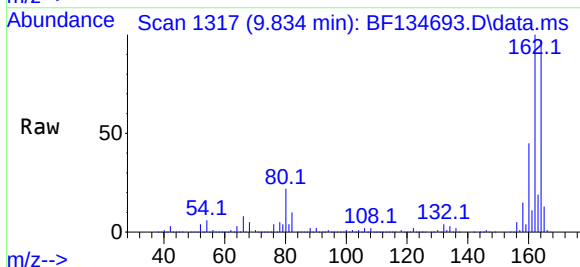
Delta R.T. 0.000 min

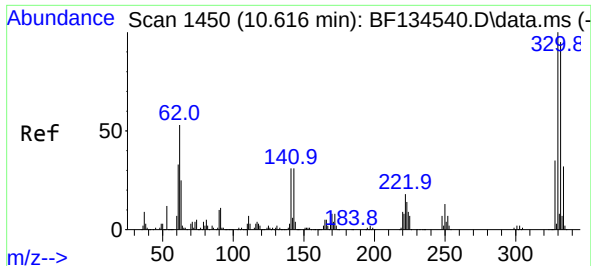
Lab File: BF134693.D

Acq: 09 Aug 2023 16:50

Tgt Ion:164 Resp: 314734

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	46.1	37.2	55.8





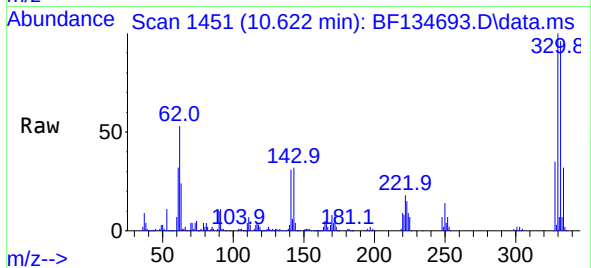
#42
2,4,6-Tribromophenol
Concen: 71.336 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

Instrument :

BNA_F

ClientSampleId :

VNJ-207

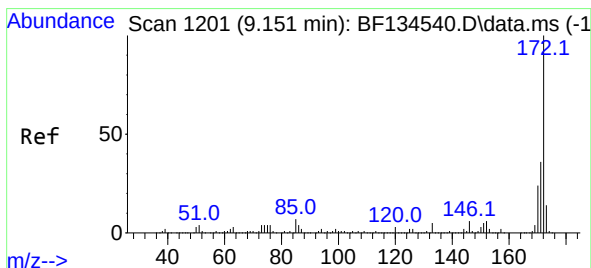
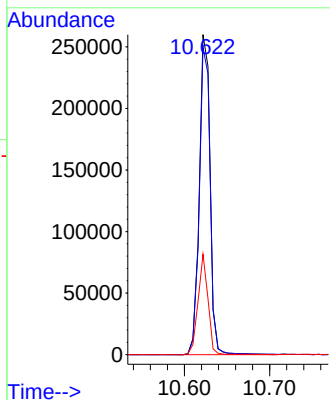
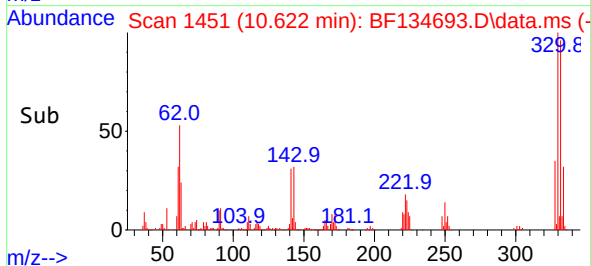


Tgt Ion:330 Resp: 228874
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 29.0 25.4 38.2

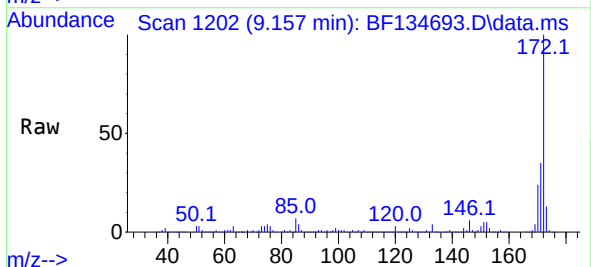
Manual Integrations

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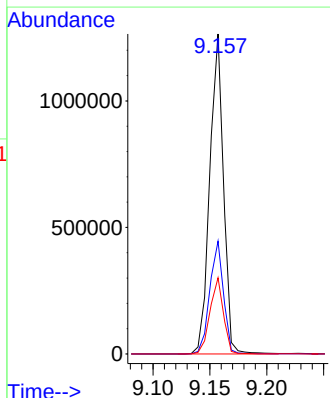
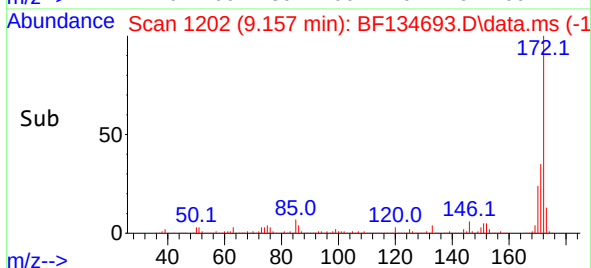
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

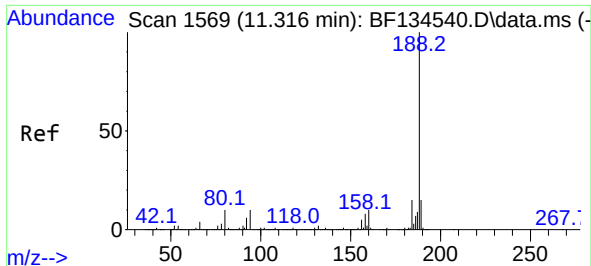


#45
2-Fluorobiphenyl
Concen: 56.151 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50



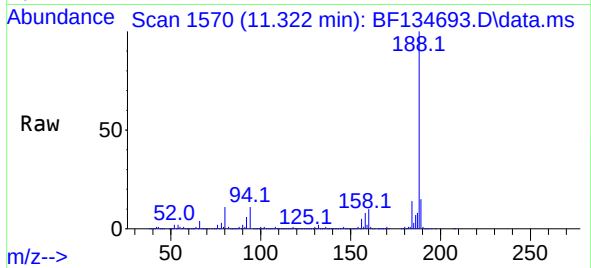
Tgt Ion:172 Resp: 1062888
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.8 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

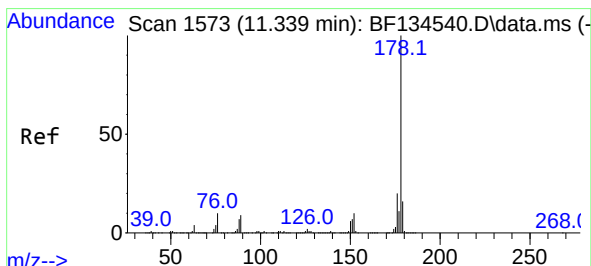
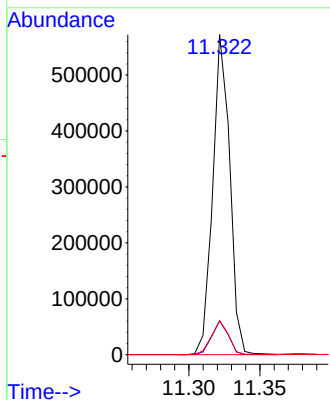
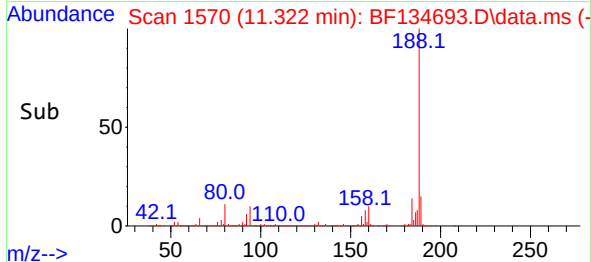
Instrument :
BNA_F
ClientSampleId :
VNJ-207



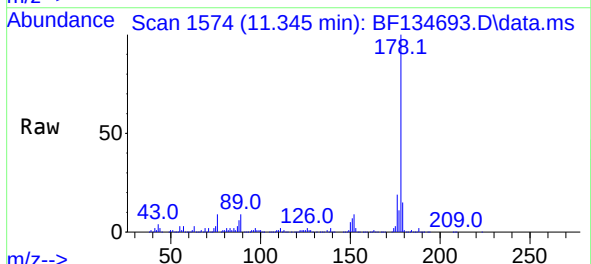
Tgt Ion:188 Resp: 477268
Ion Ratio Lower Upper
188 100
94 10.5 5.1 7.7
80 10.7 6.6 9.8

Manual Integrations
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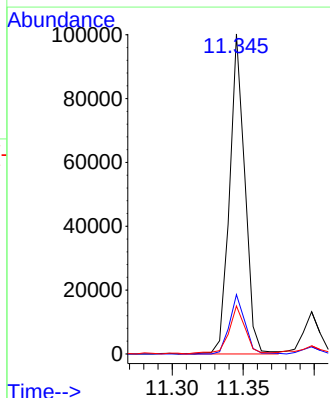
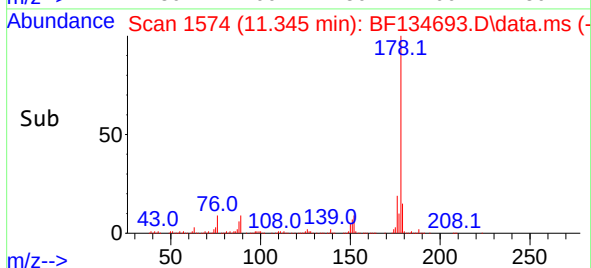
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

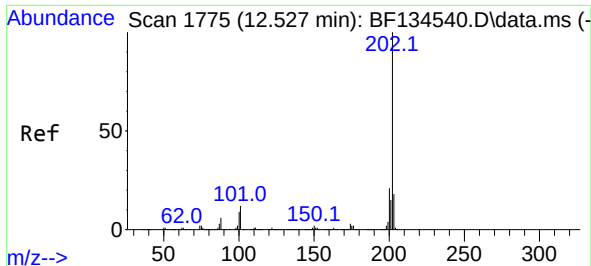


#71
Phenanthrene
Concen: 2.968 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50



Tgt Ion:178 Resp: 75239
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.6
179 15.0 12.7 19.1





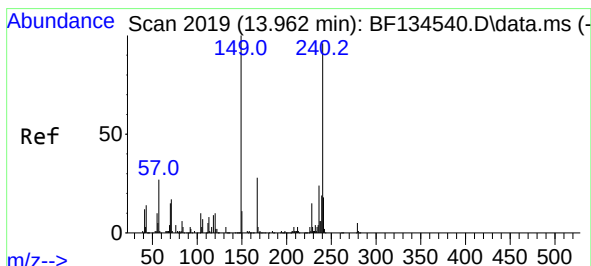
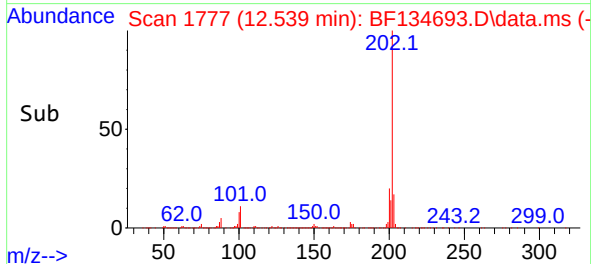
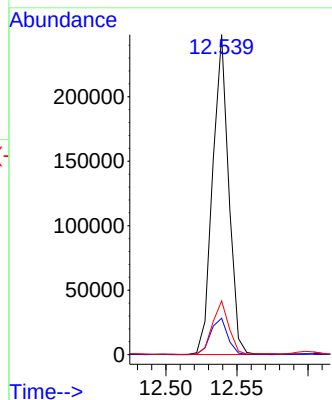
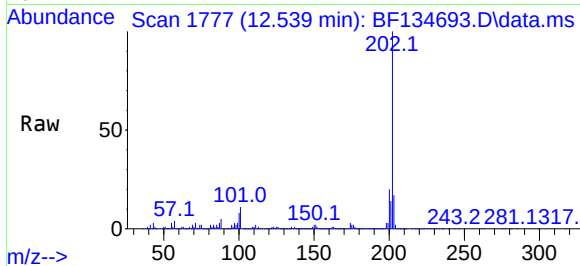
#75
Fluoranthene
Concen: 7.292 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:202 Resp: 195269
Ion Ratio Lower Upper
202 100
101 11.4 0.0 28.5
203 16.8 0.0 37.5

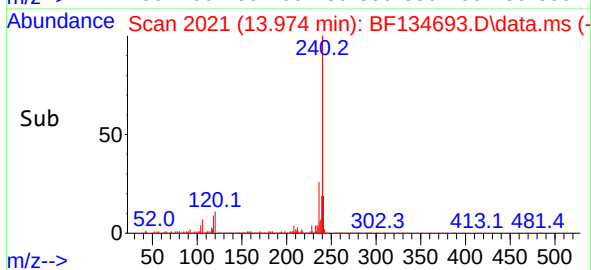
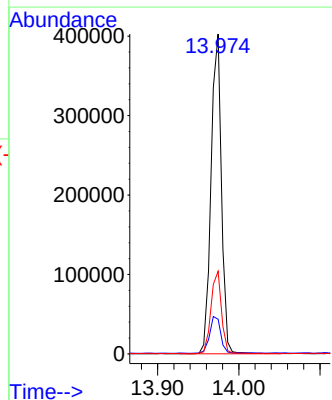
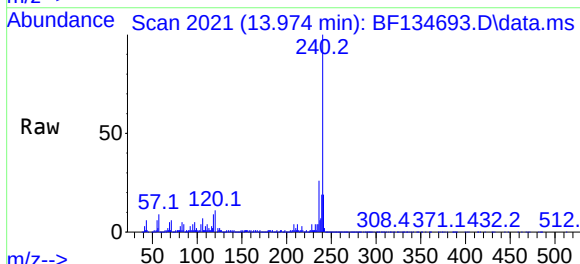
Manual Integrations
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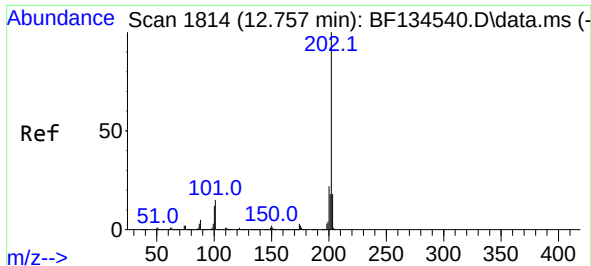
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

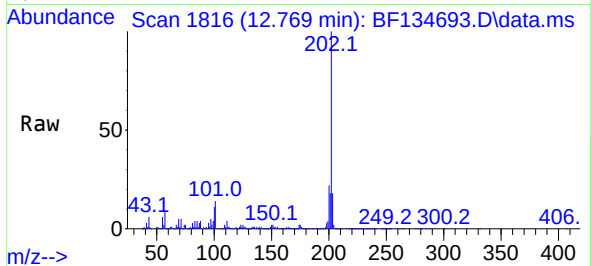
Tgt Ion:240 Resp: 356760
Ion Ratio Lower Upper
240 100
120 10.8 6.6 10.0#
236 25.9 20.2 30.2





#78
Pyrene
Concen: 5.263 ng
RT: 12.769 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

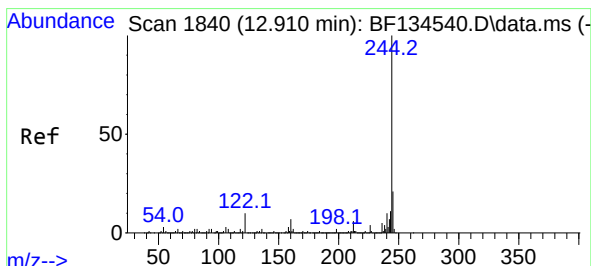
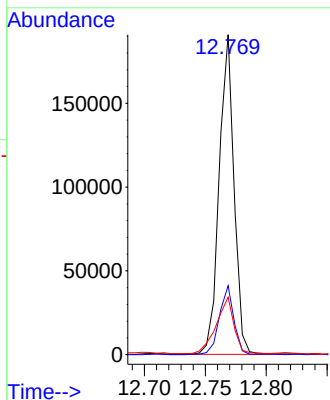
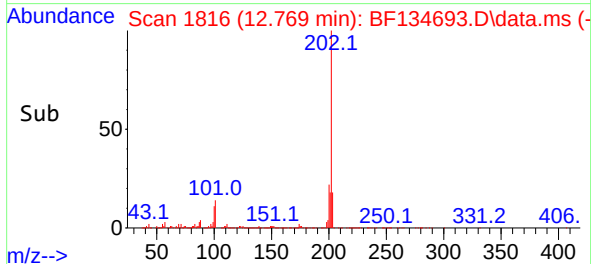
Instrument :
BNA_F
ClientSampleId :
VNJ-207



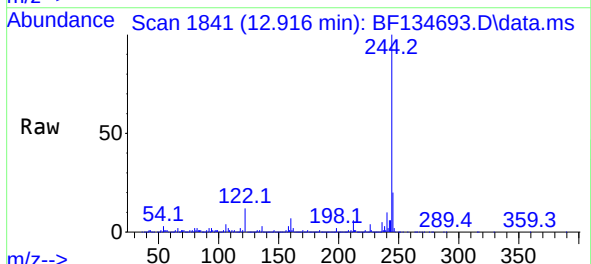
Tgt Ion:202 Resp: 162470
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 18.0 13.5 20.3

Manual Integrations
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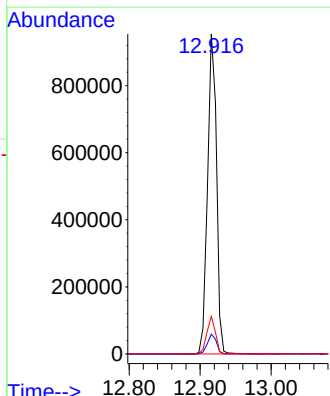
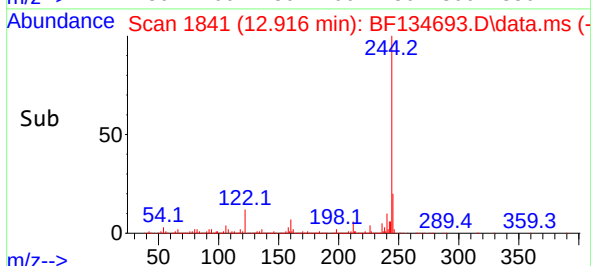
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

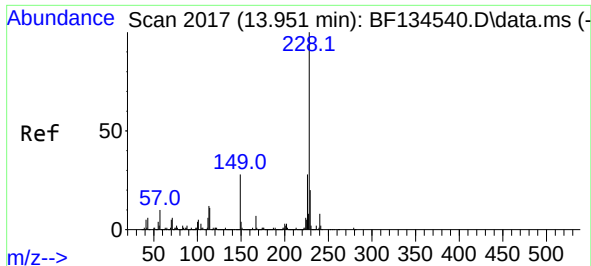


#79
Terphenyl-d14
Concen: 41.546 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50



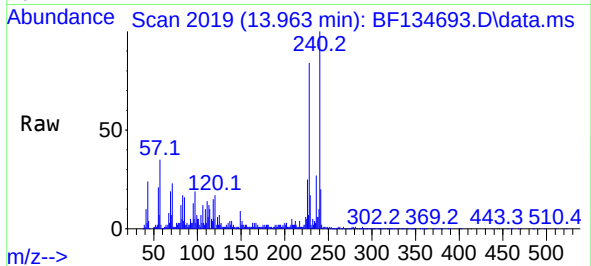
Tgt Ion:244 Resp: 840788
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 11.8 8.0 12.0





#81
Benzo(a)anthracene
Concen: 3.096 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

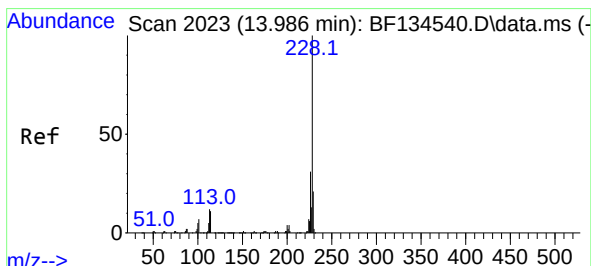
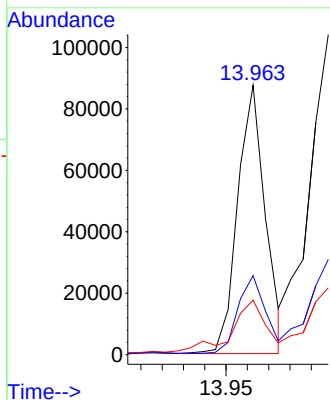
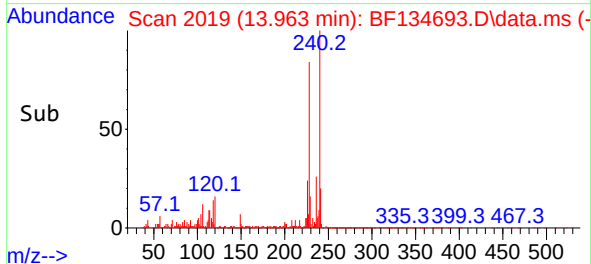
Instrument :
BNA_F
ClientSampleId :
VNJ-207



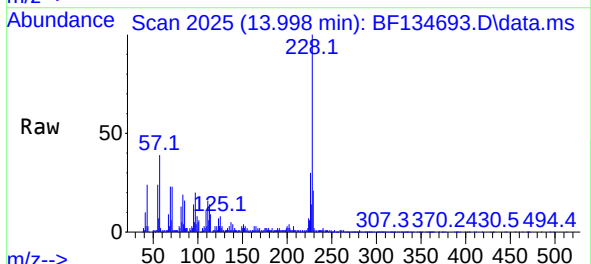
Tgt Ion:228 Resp: 7898
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 20.2 15.8 23.6

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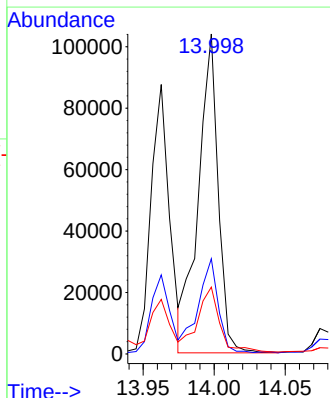
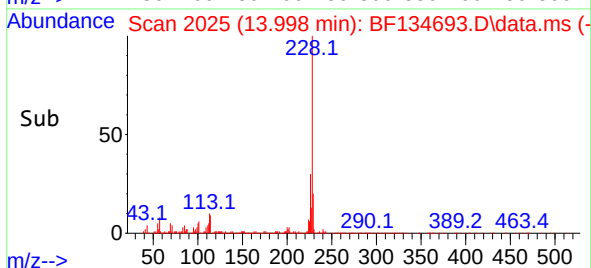
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

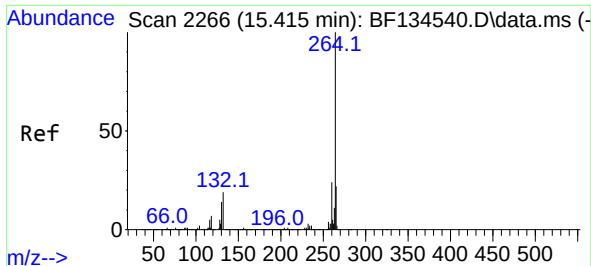


#83
Chrysene
Concen: 4.073 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50



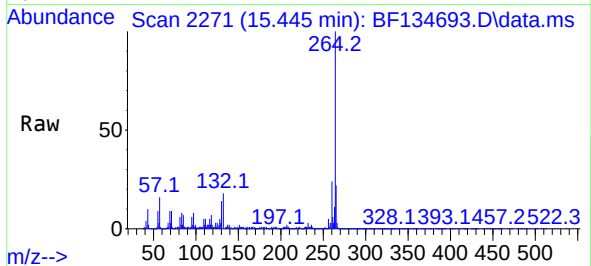
Tgt Ion:228 Resp: 101240
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 20.9 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

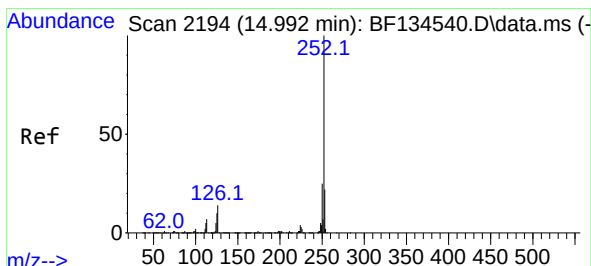
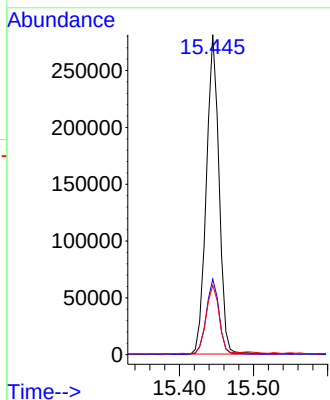
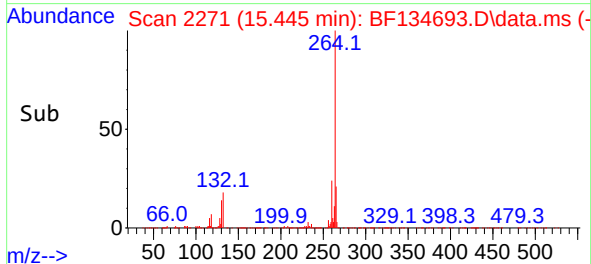
Instrument :
BNA_F
ClientSampleId :
VNJ-207



Tgt Ion:264 Resp: 33369
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.6 15.8 23.8

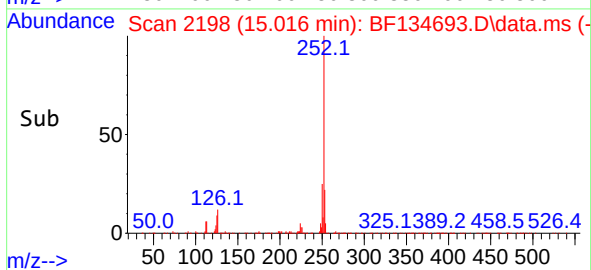
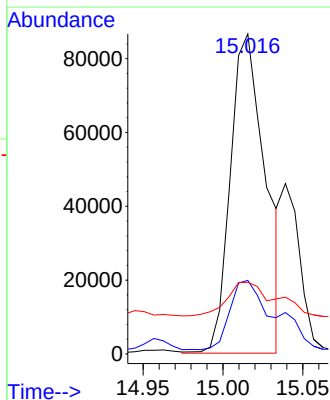
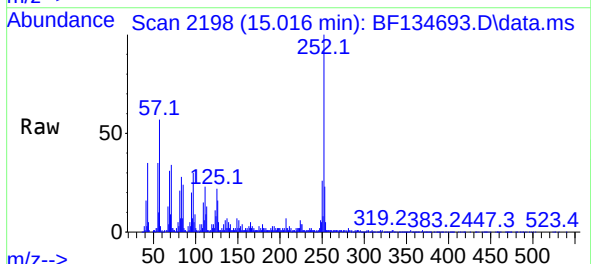
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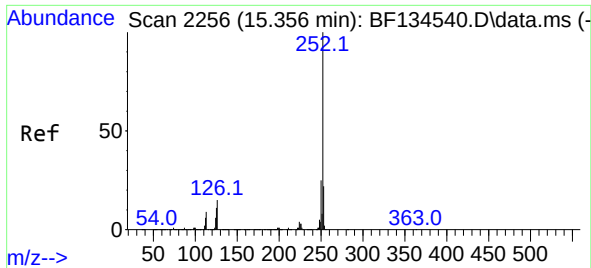
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#88
Benzo(b)fluoranthene
Concen: 6.473 ng m
RT: 15.016 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

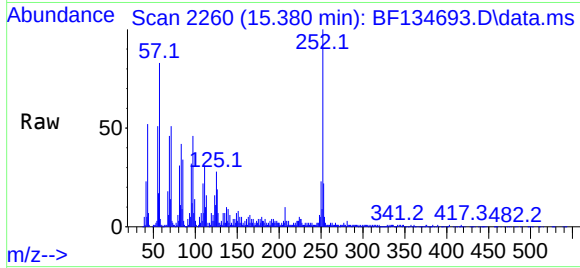
Tgt Ion:252 Resp: 131731
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 22.4 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 3.500 ng
RT: 15.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134693.D
Acq: 09 Aug 2023 16:50

Instrument :
BNA_F
ClientSampleId :
VNJ-207



Tgt Ion:252 Resp: 66418

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	28.1	6.2	9.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

