

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134627.D
 Acq On : 04 Aug 2023 12:14
 Operator : CG\JU
 Sample : 03756-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-13-CS-13

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 05 01:14:03 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	186332	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	710357	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	321525	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	464272	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	408419	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	355475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1037791	84.663	ng	0.00
7) Phenol-d6	6.428	99	1356208	86.552	ng	-0.01
23) Nitrobenzene-d5	7.357	82	793063	69.769	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	269147	82.116	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1395140	72.147	ng	-0.01
79) Terphenyl-d14	12.916	244	1270624	54.844	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.339	178	102638	4.162	ng	98
75) Fluoranthene	12.533	202	187228	7.188	ng	97
78) Pyrene	12.763	202	161295	4.564	ng	99
88) Benzo(b)fluoranthene	15.004	252	48909m	2.256	ng	

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

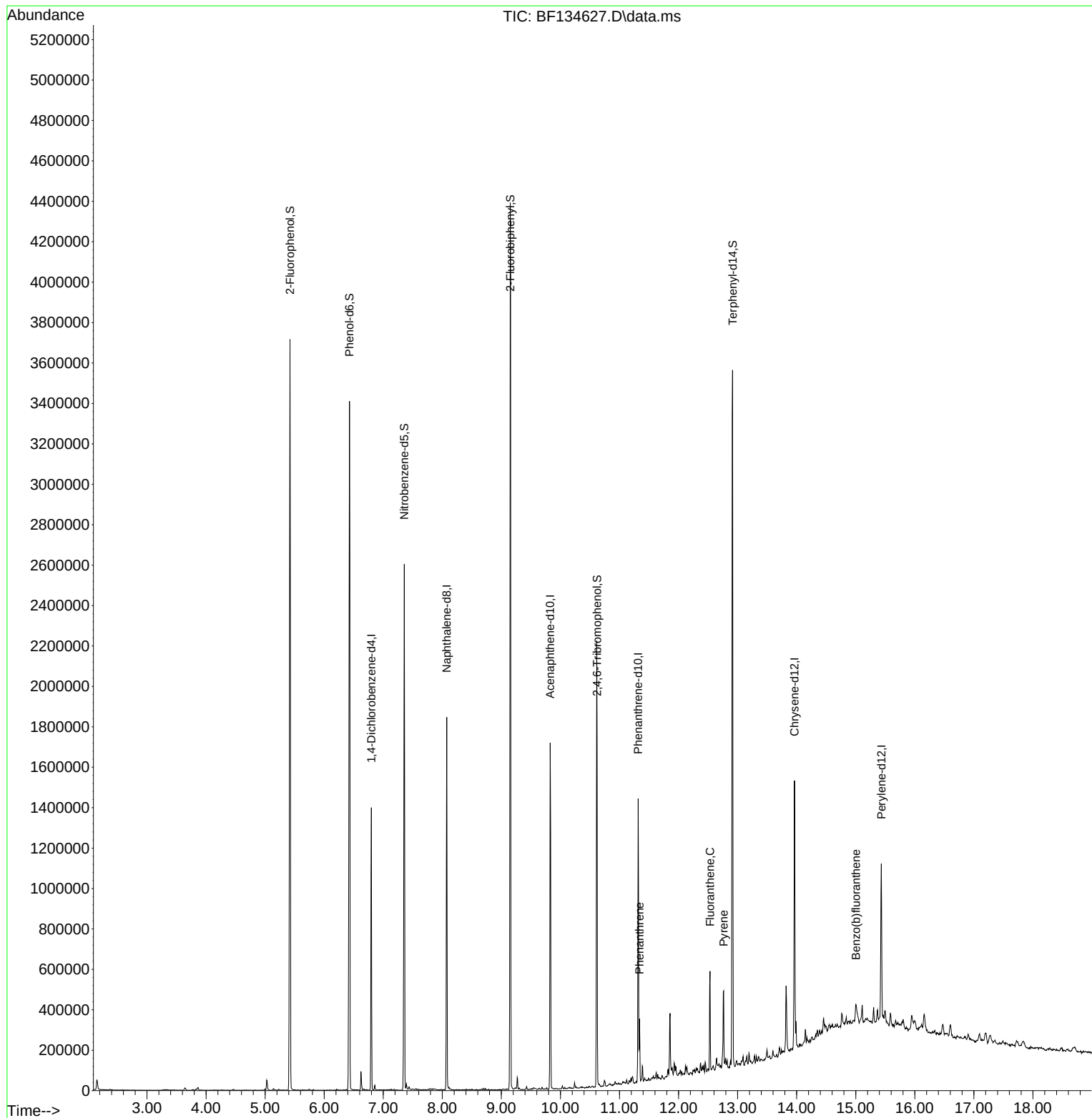
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
Data File : BF134627.D
Acq On : 04 Aug 2023 12:14
Operator : CG\JU
Sample : 03756-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

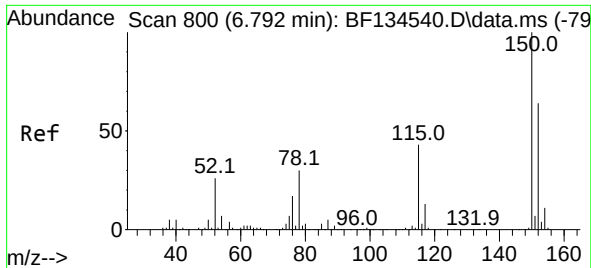
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13

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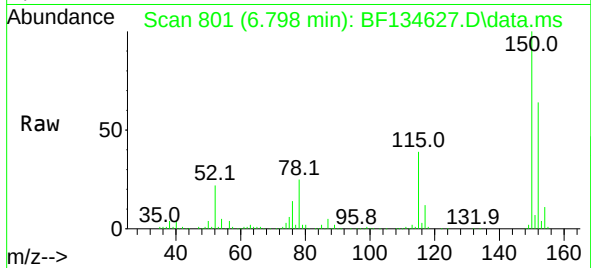
Quant Time: Aug 05 01:14:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

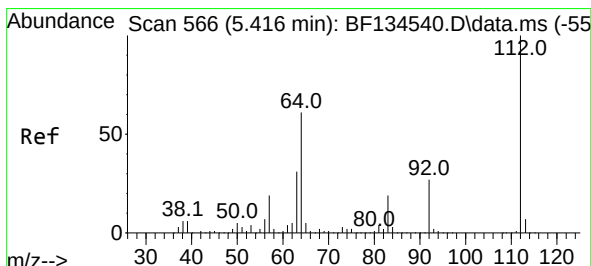
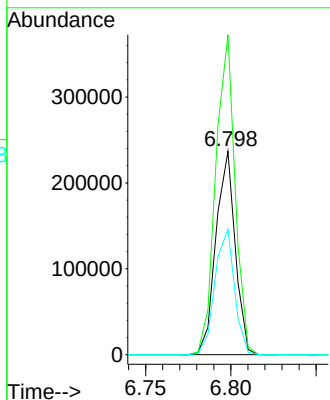
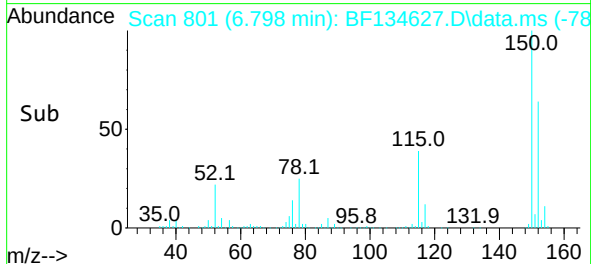
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



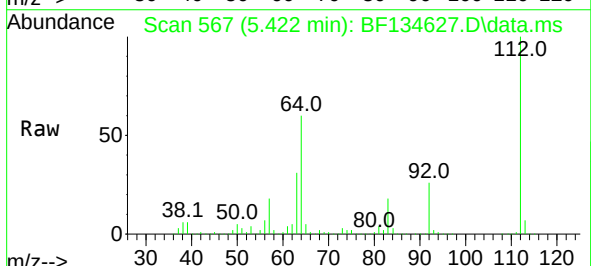
Tgt Ion:152 Resp: 186332
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 61.7 52.4 78.6

Manual Integrations
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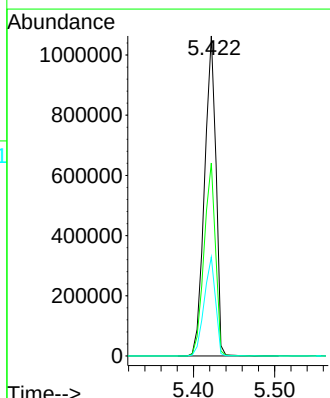
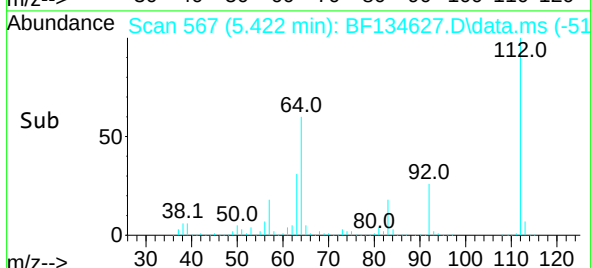
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

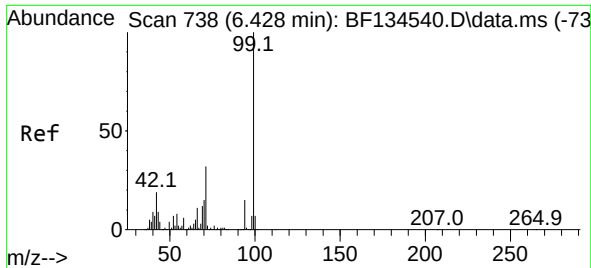


#5
2-Fluorophenol
Concen: 84.663 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14



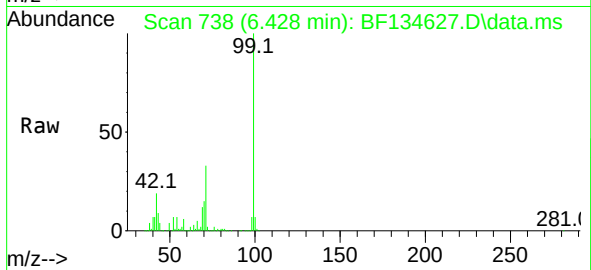
Tgt Ion:112 Resp: 1037791
Ion Ratio Lower Upper
112 100
64 60.3 44.9 67.3
63 30.9 25.4 38.0





#7
Phenol-d6
Concen: 86.552 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

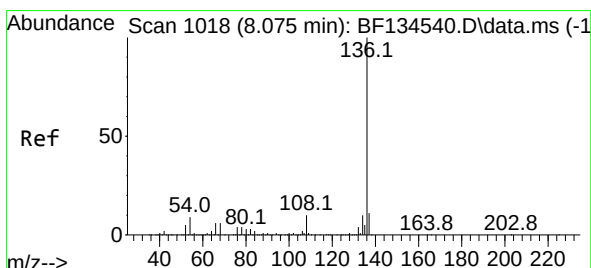
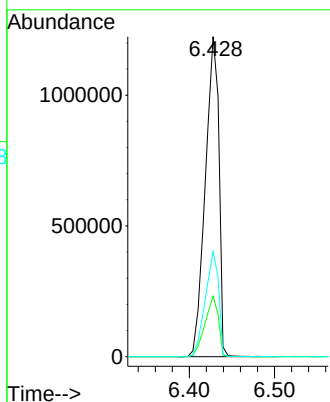
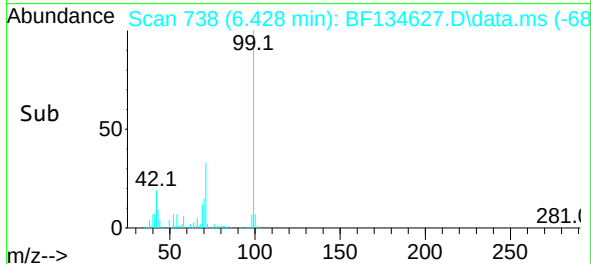
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



Tgt Ion: 99 Resp: 1356208
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.8 36.4 54.6

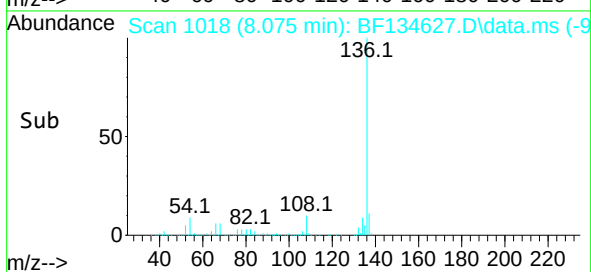
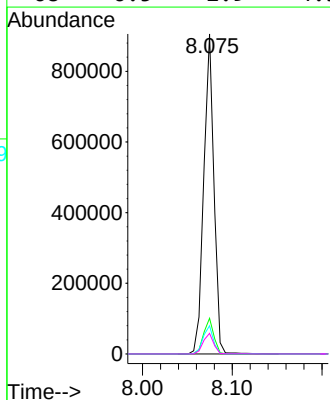
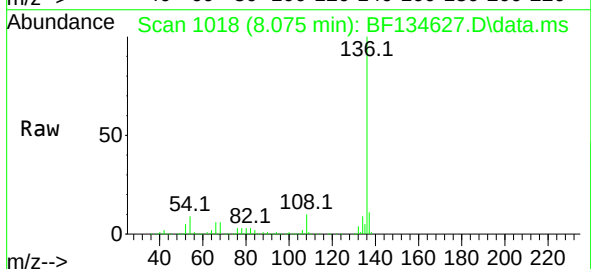
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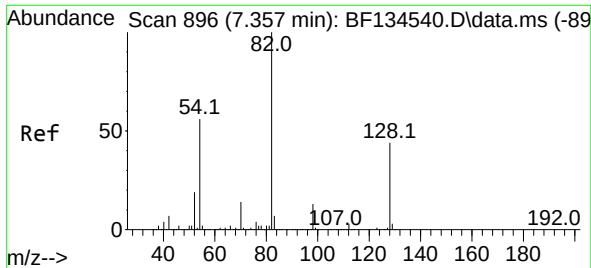
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

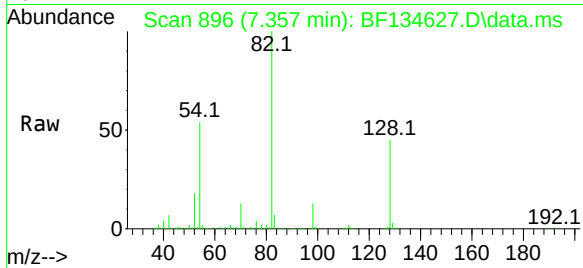
Tgt Ion:136 Resp: 710357
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.8 5.2 7.8#
68 6.5 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 69.769 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

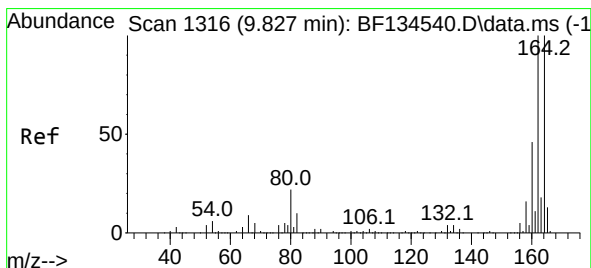
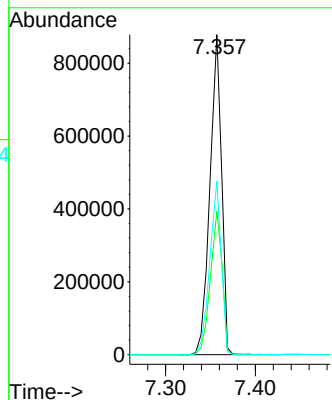
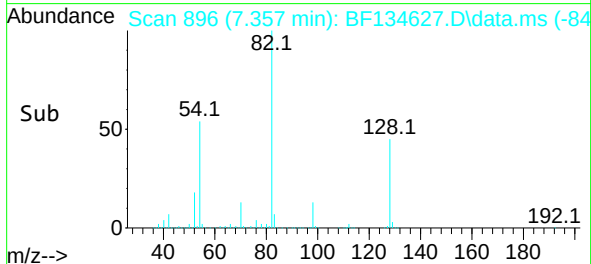
Instrument :
BNA_F
ClientSampleId :
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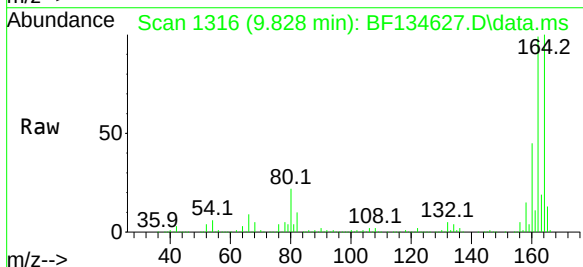
Tgt Ion: 82 Resp: 793063
Ion Ratio Lower Upper
82 100
128 44.8 34.3 51.5
54 54.1 43.8 65.6

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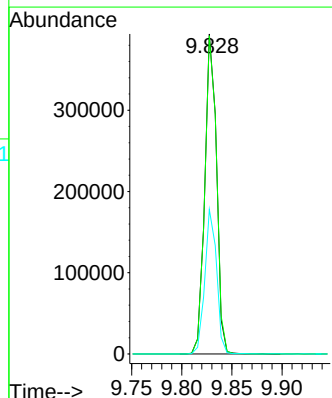
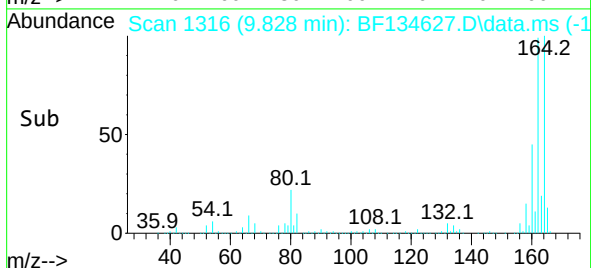
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

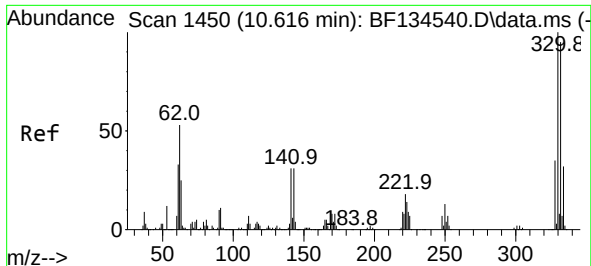


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14



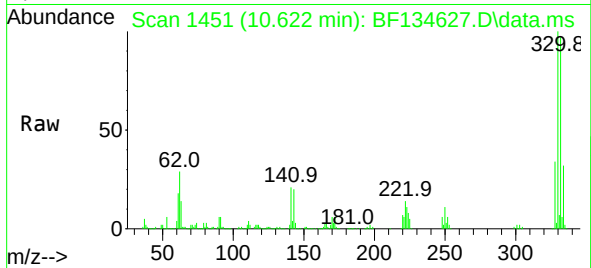
Tgt Ion:164 Resp: 321525
Ion Ratio Lower Upper
164 100
162 99.4 82.6 123.8
160 45.2 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 82.116 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

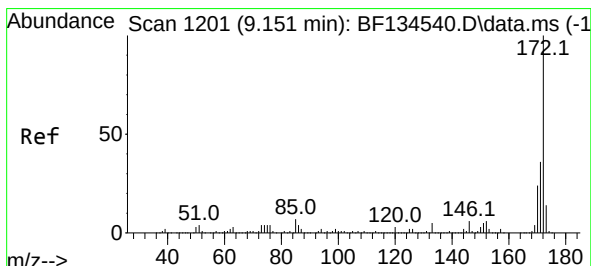
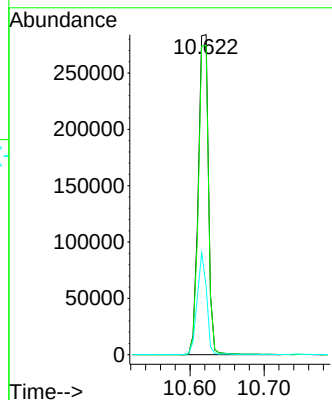
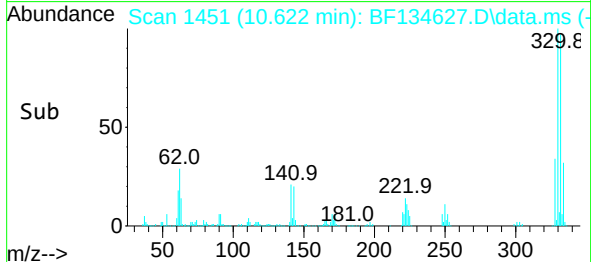
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



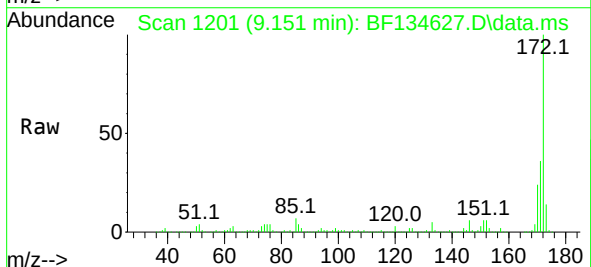
Tgt Ion: 330 Resp: 26914
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 29.7 25.4 38.2

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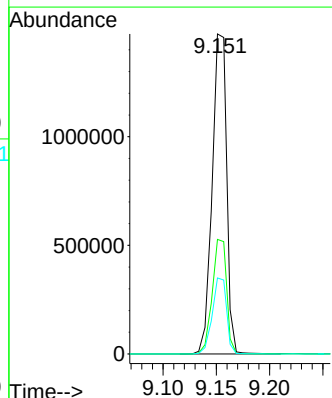
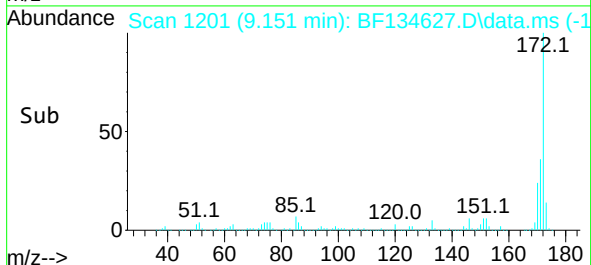
Reviewed By : Yogesh Patel 08/07/2023
Supervised By : mohammad ahmed 08/07/2023

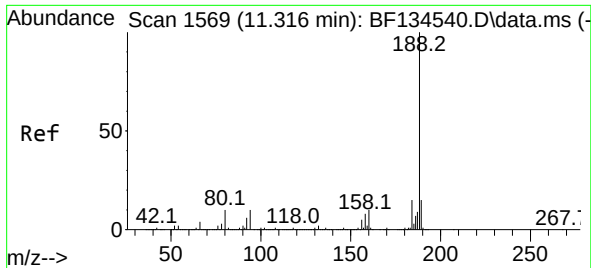


#45
2-Fluorobiphenyl
Concen: 72.147 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14



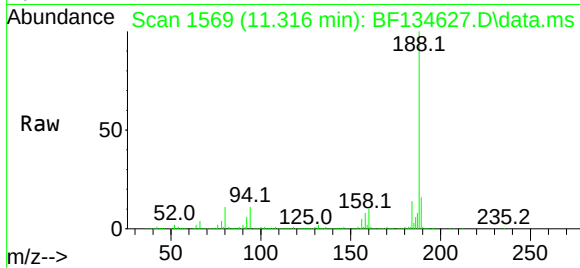
Tgt Ion: 172 Resp: 1395140
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.8 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

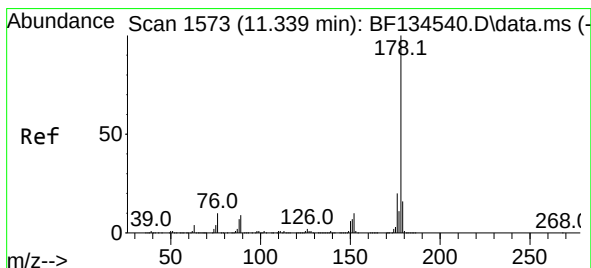
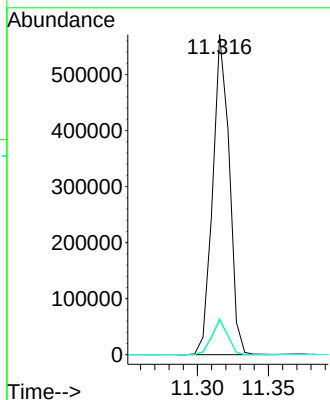
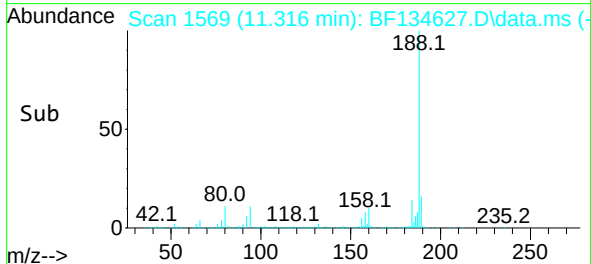
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



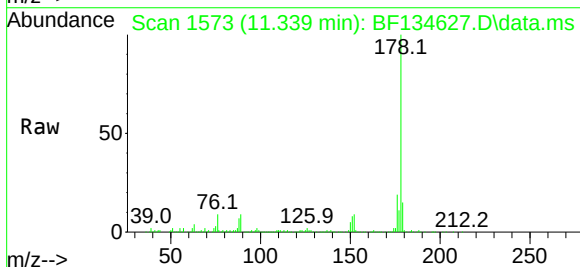
Tgt Ion:188 Resp: 464272
Ion Ratio Lower Upper
188 100
94 10.9 5.1 7.7
80 11.2 6.6 9.8

Manual Integrations
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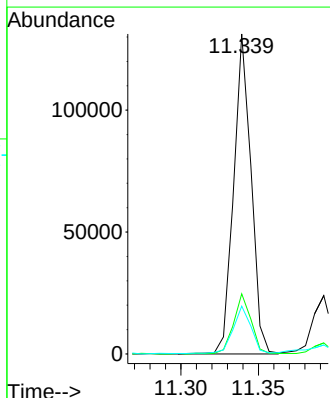
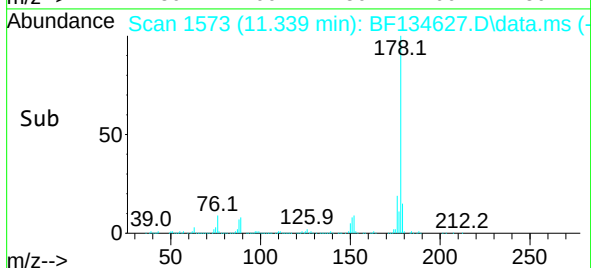
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

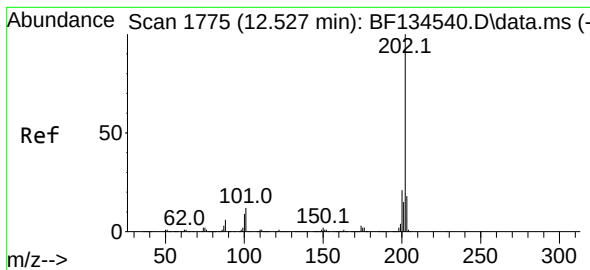


#71
Phenanthrene
Concen: 4.162 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14



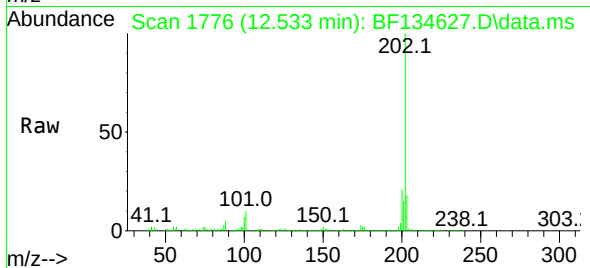
Tgt Ion:178 Resp: 102638
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.0 12.7 19.1





#75
Fluoranthene
Concen: 7.188 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

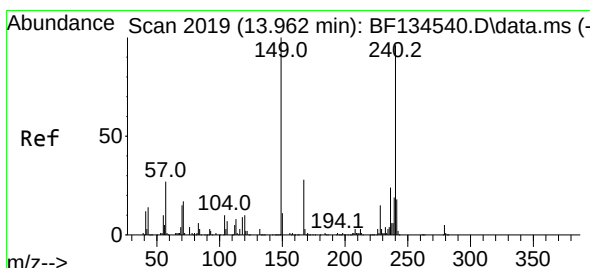
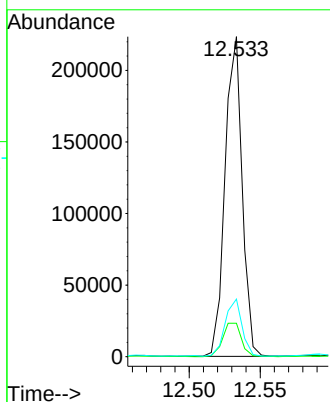
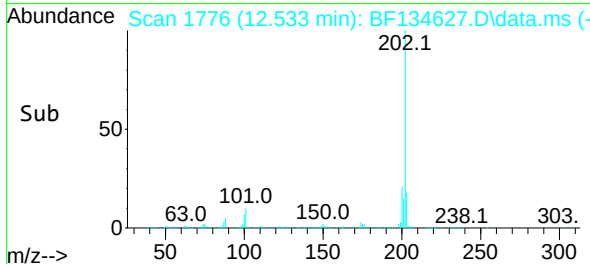
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



Tgt Ion:202 Resp: 187228
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.5
203 18.0 0.0 37.5

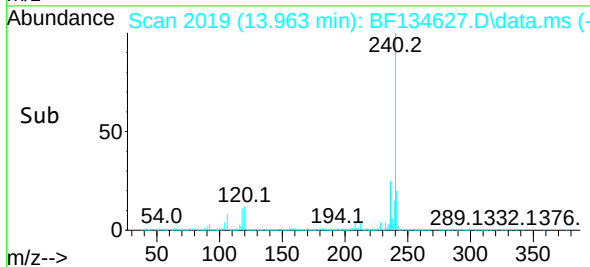
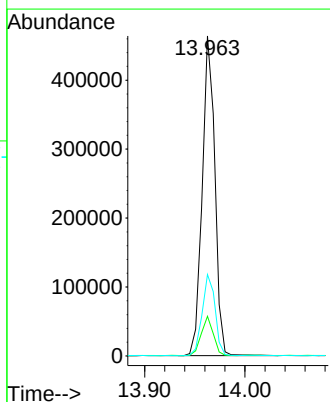
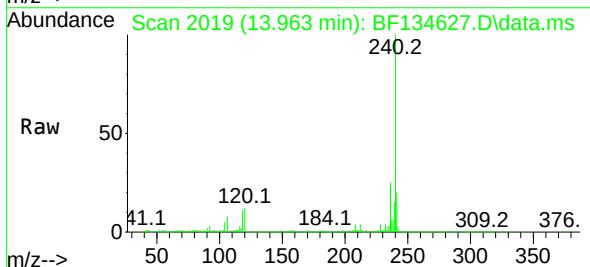
Manual Integrations
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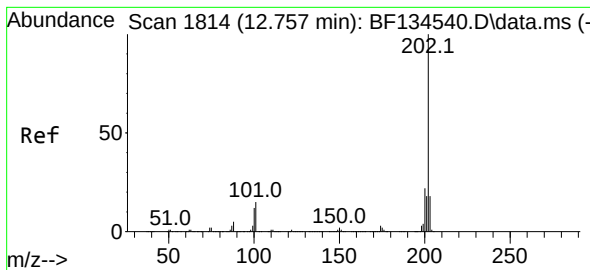
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

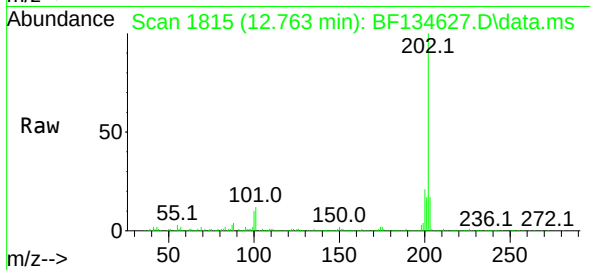
Tgt Ion:240 Resp: 408419
Ion Ratio Lower Upper
240 100
120 12.4 6.6 10.0#
236 25.5 20.2 30.2





#78
Pyrene
Concen: 4.564 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

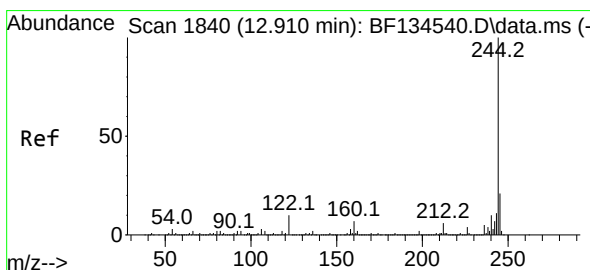
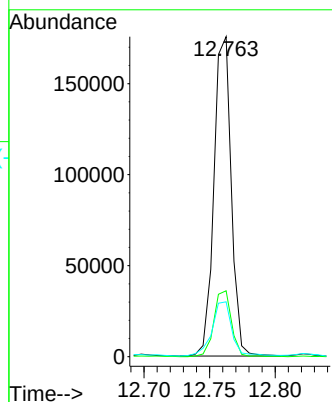
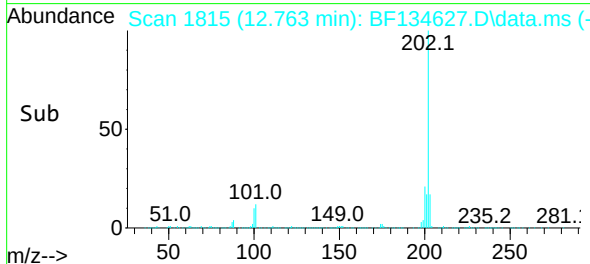
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



Tgt Ion:202 Resp: 161295
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 17.2 13.5 20.3

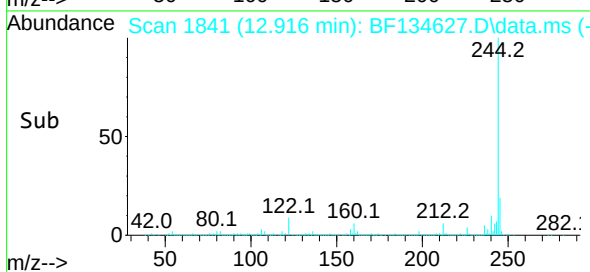
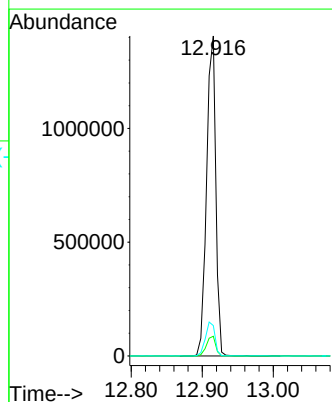
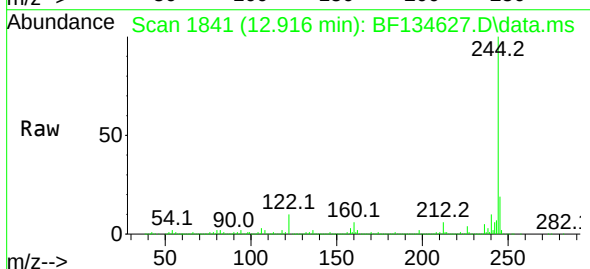
Manual Integrations
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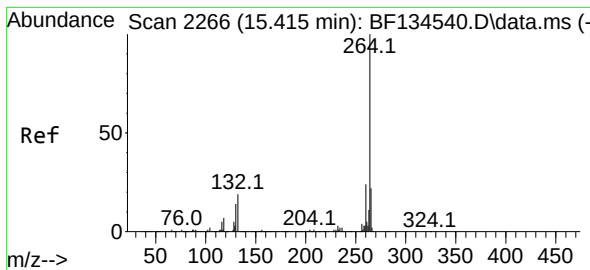
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#79
Terphenyl-d14
Concen: 54.844 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

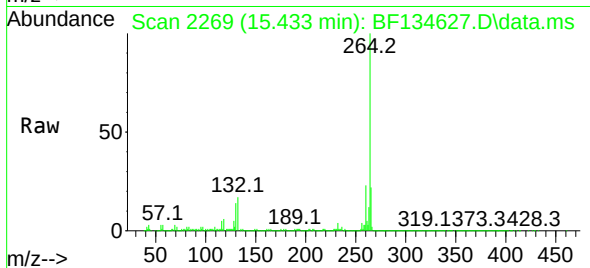
Tgt Ion:244 Resp: 1270624
Ion Ratio Lower Upper
244 100
212 6.1 5.6 8.4
122 9.5 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

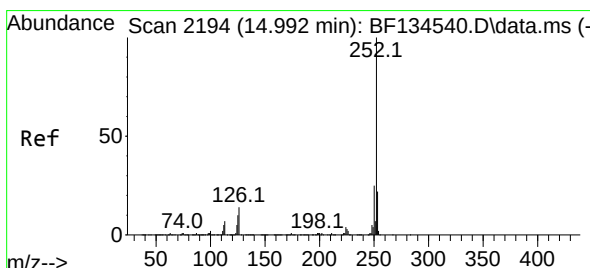
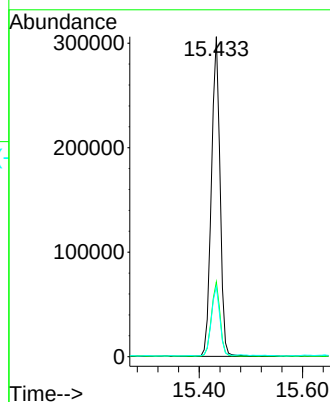
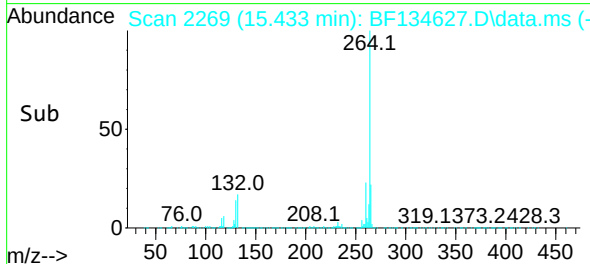
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



Tgt Ion:264 Resp: 355479
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.9 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#88
Benzo(b)fluoranthene
Concen: 2.256 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Tgt Ion:252 Resp: 48909
Ion Ratio Lower Upper
252 100
253 26.9 17.3 25.9#
125 18.3 6.0 9.0#

