

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136745.D
 Acq On : 27 Dec 2023 04:48
 Operator : CG\JU
 Sample : 05602-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROUTE-4-TP-5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 27 05:37:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	66880	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	214056	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	89395	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	178739	20.000	ng	0.00
76) Chrysene-d12	13.962	240	128632	20.000	ng	0.00
86) Perylene-d12	15.445	264	89001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	451075	105.234	ng	0.00
7) Phenol-d6	6.434	99	529937	95.413	ng	0.00
23) Nitrobenzene-d5	7.345	82	315855	75.507	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	109758	104.251	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	505568	76.065	ng	-0.01
79) Terphenyl-d14	12.910	244	590127	64.112	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	35549	3.876	ng	97
75) Fluoranthene	12.527	202	40898	4.169	ng	97
78) Pyrene	12.757	202	47440	3.757	ng	99
88) Benzo(b)fluoranthene	15.015	252	13229m	2.225	ng	

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

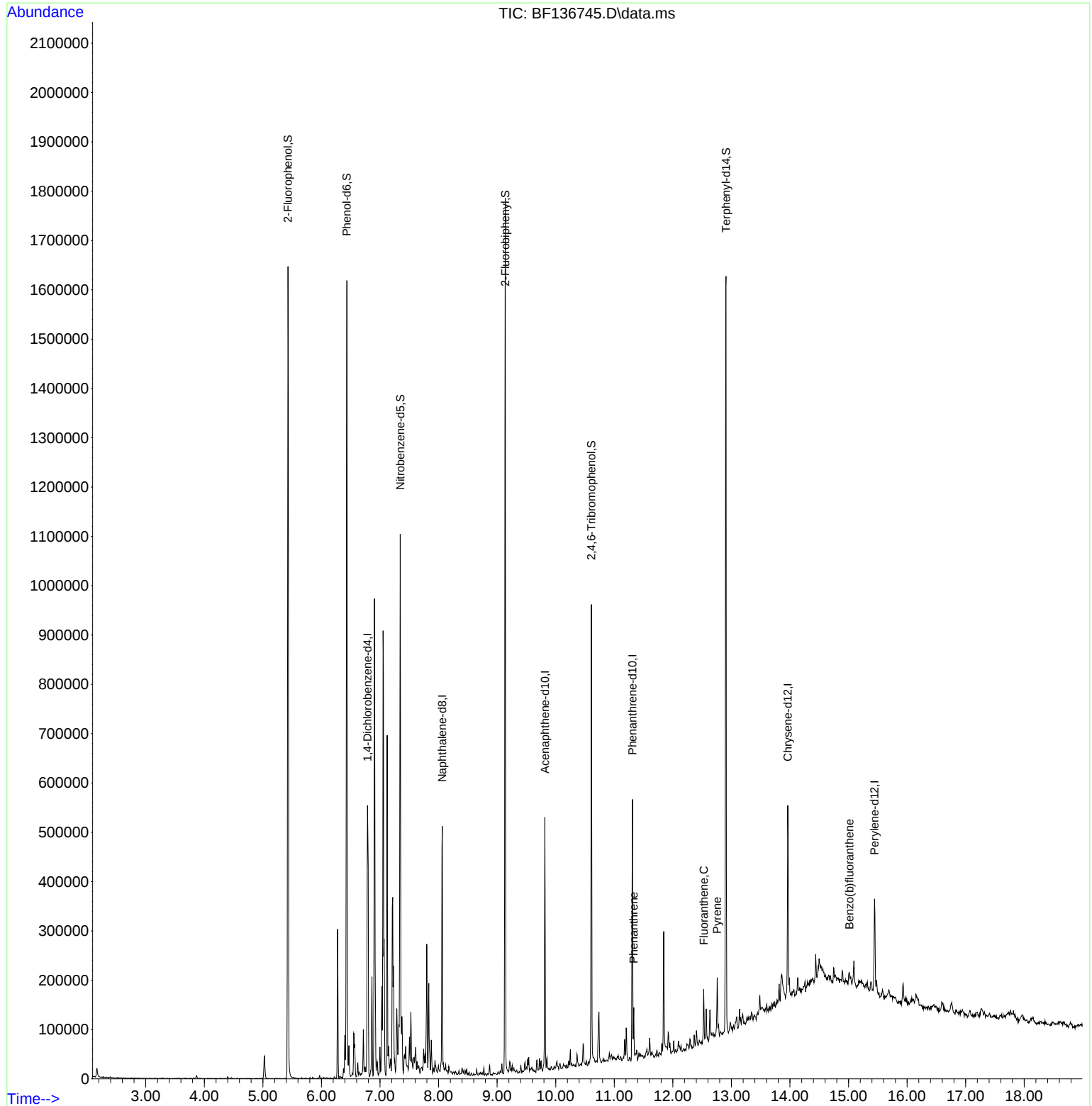
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
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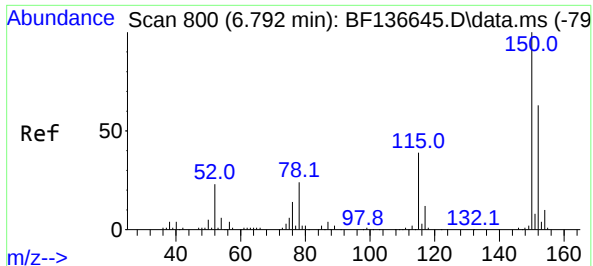
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Quant Time: Dec 27 05:37:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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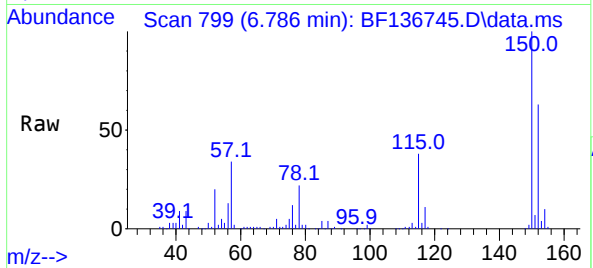
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

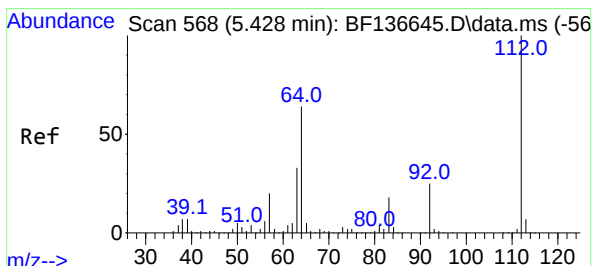
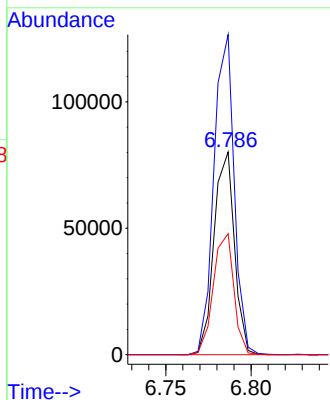
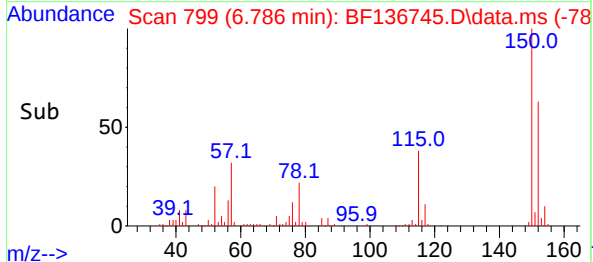
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5



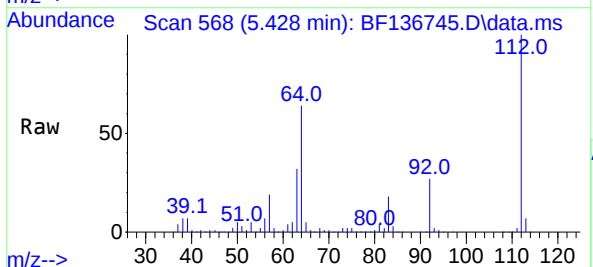
Tgt Ion:152 Resp: 66880
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.6
115 59.7 49.0 73.4

Manual Integrations
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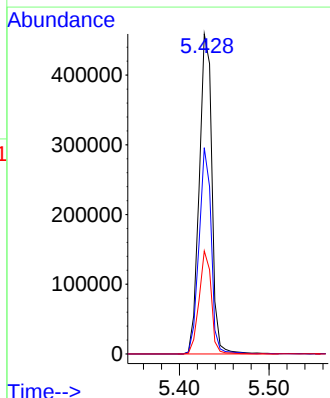
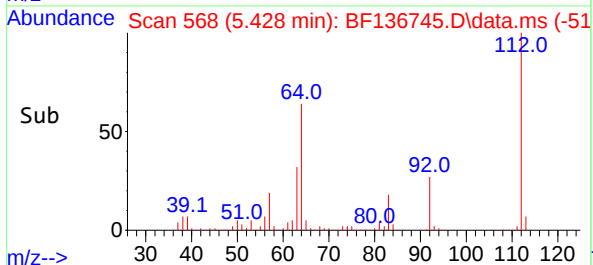
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

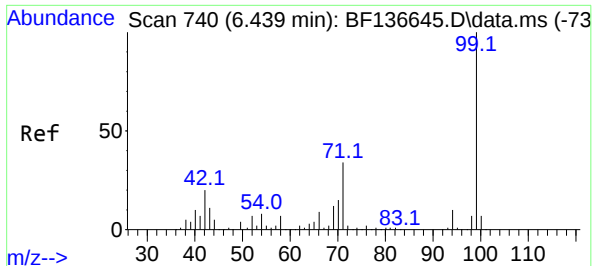


#5
2-Fluorophenol
Concen: 105.234 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48



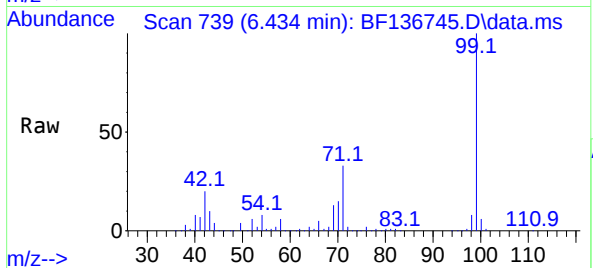
Tgt Ion:112 Resp: 451075
Ion Ratio Lower Upper
112 100
64 64.5 51.1 76.7
63 32.2 26.1 39.1





#7
Phenol-d6
Concen: 95.413 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

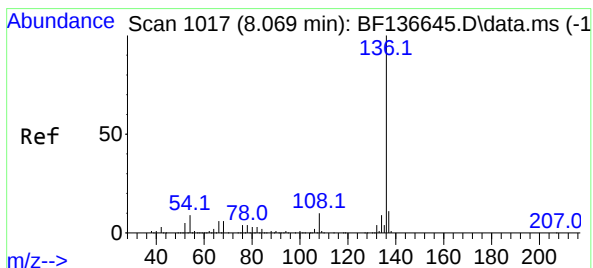
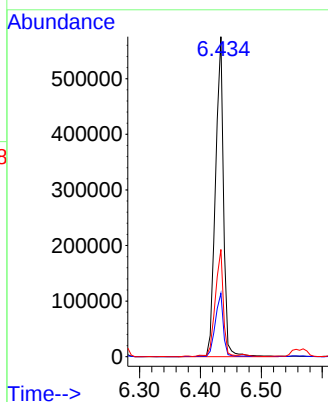
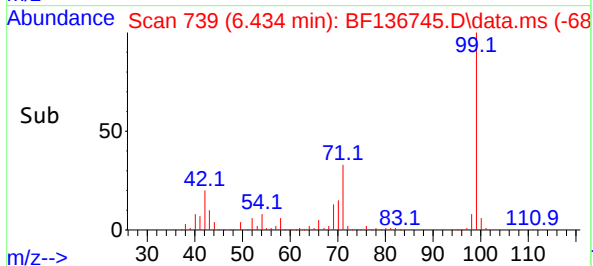
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5



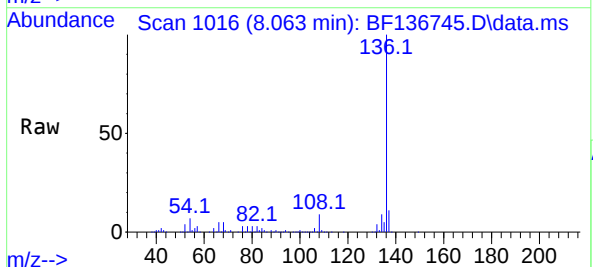
Tgt Ion: 99 Resp: 52993
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.5 27.4 41.2

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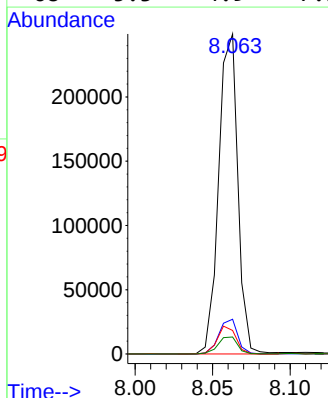
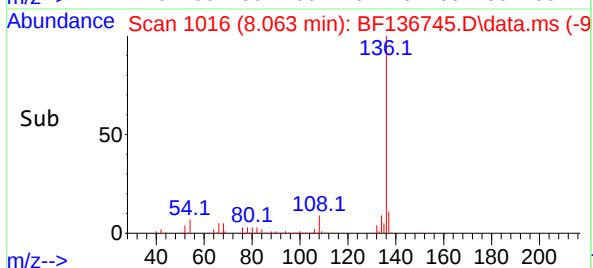
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

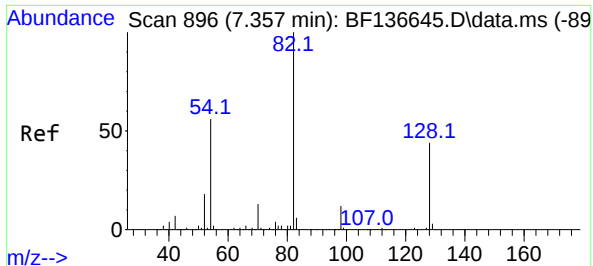


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48



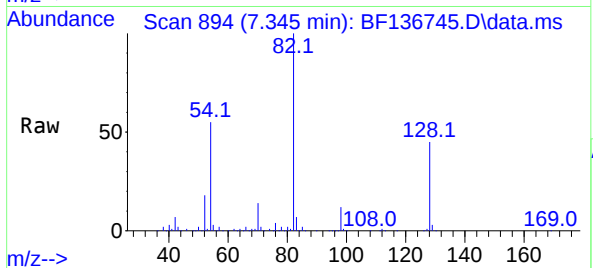
Tgt Ion:136 Resp: 214056
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.4 7.2 10.8
68 5.3 4.9 7.3





#23
Nitrobenzene-d5
Concen: 75.507 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

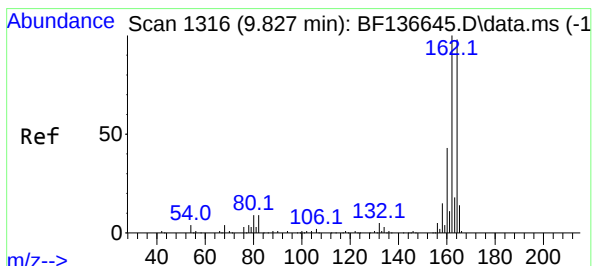
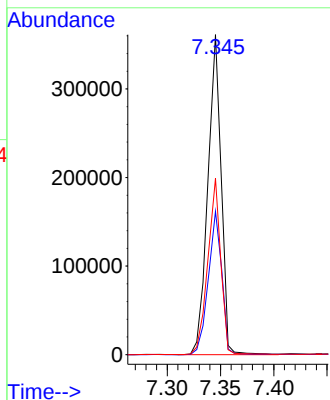
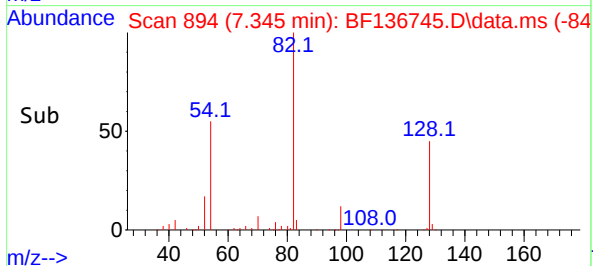
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5



Tgt Ion: 82 Resp: 31585
Ion Ratio Lower Upper
82 100
128 44.8 35.3 52.9
54 55.1 44.5 66.7

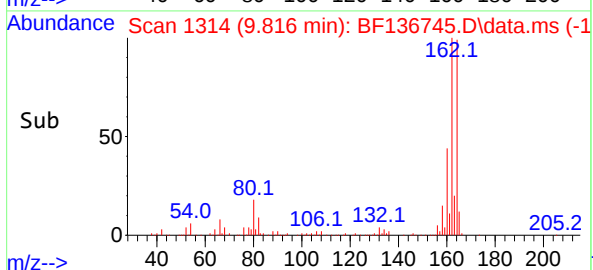
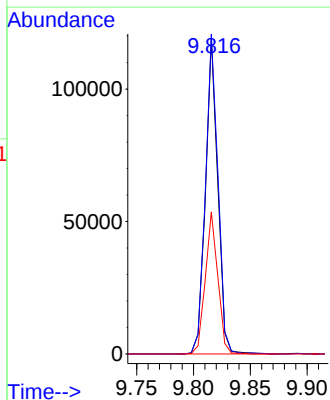
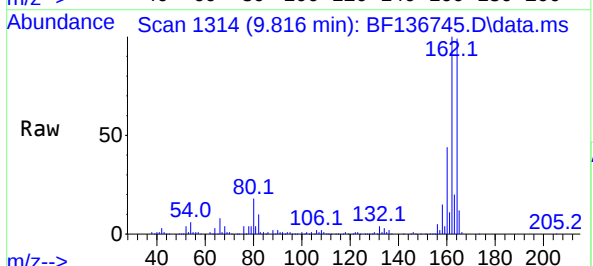
Manual Integrations
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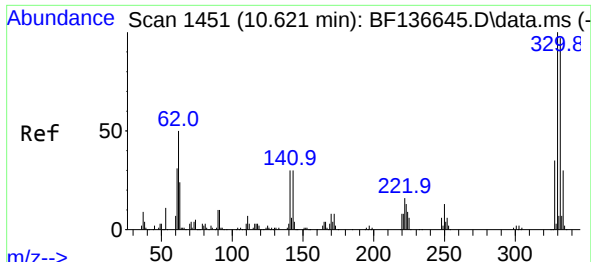
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

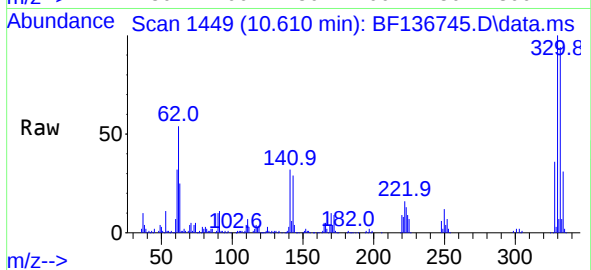
Tgt Ion:164 Resp: 89395
Ion Ratio Lower Upper
164 100
162 101.4 81.6 122.4
160 45.0 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 104.251 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

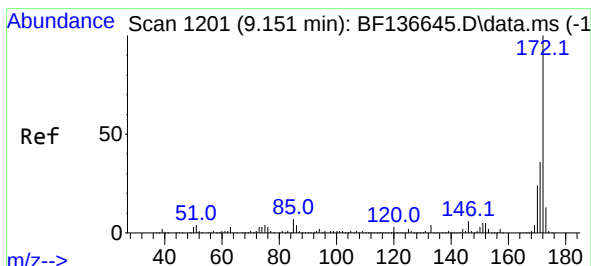
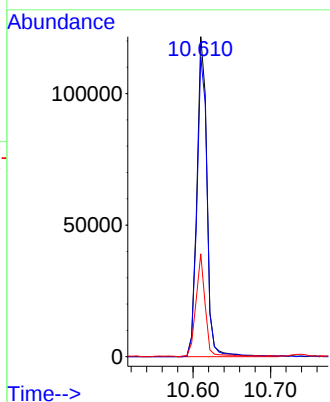
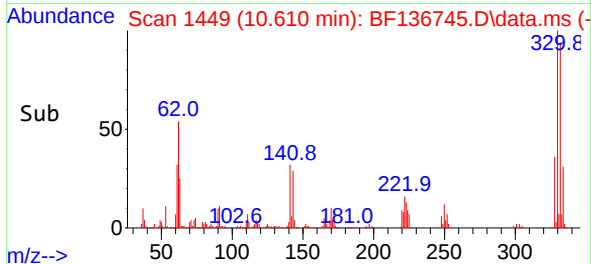
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5



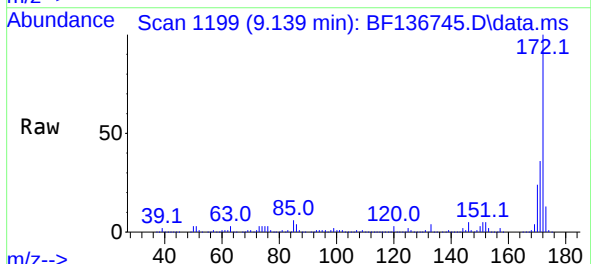
Tgt Ion:330 Resp: 109758
Ion Ratio Lower Upper
330 100
332 94.7 77.4 116.0
141 29.9 23.4 35.2

Manual Integrations
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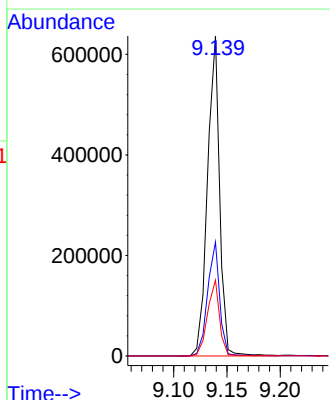
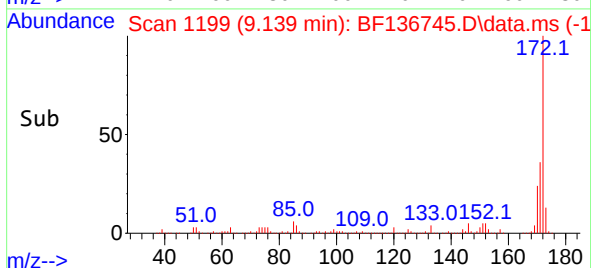
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

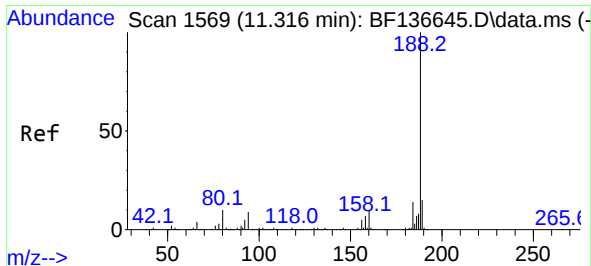


#45
2-Fluorobiphenyl
Concen: 76.065 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48



Tgt Ion:172 Resp: 505568
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.7 19.0 28.4





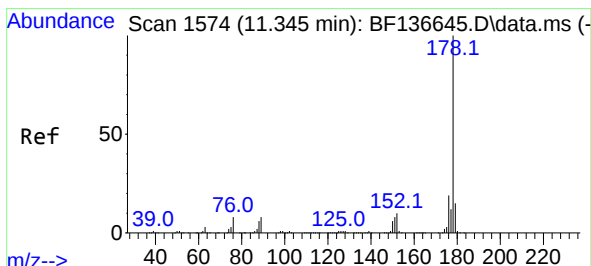
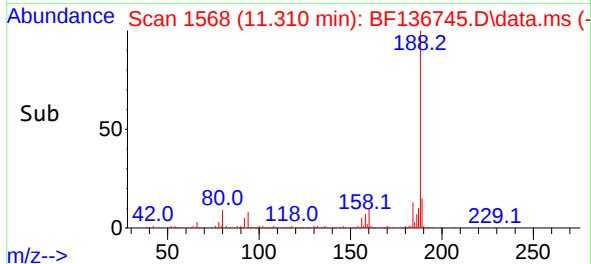
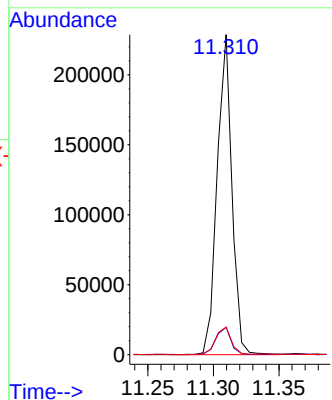
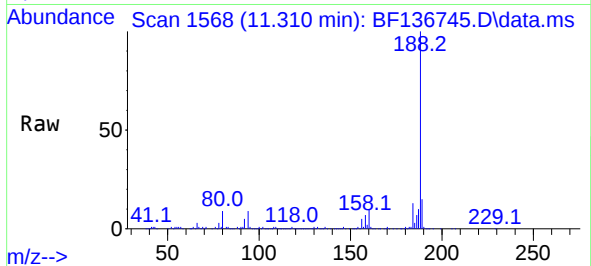
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

Instrument :
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ClientSampleId :
ROUTE-4-TP-5

Tgt Ion:188 Resp: 178739
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 8.6 8.1 12.1

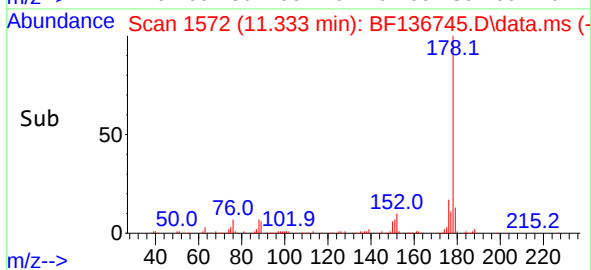
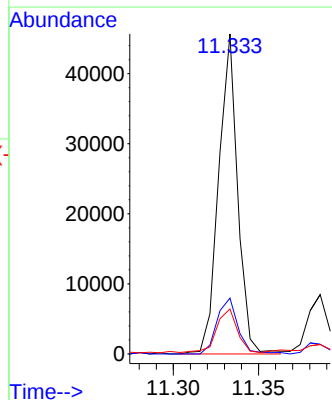
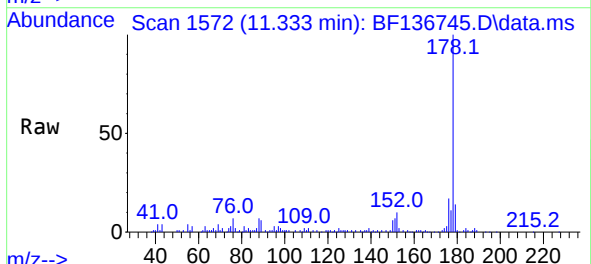
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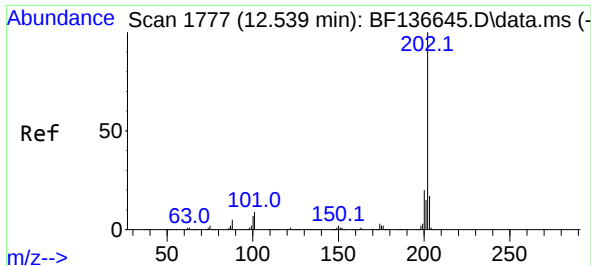
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#71
Phenanthrene
Concen: 3.876 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

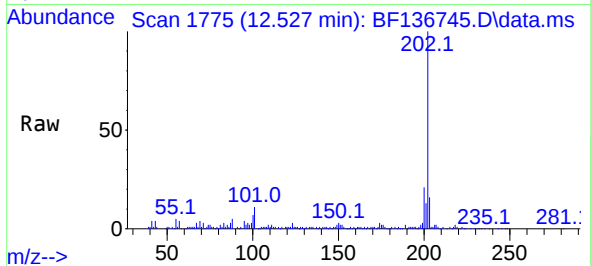
Tgt Ion:178 Resp: 35549
Ion Ratio Lower Upper
178 100
176 17.4 15.3 22.9
179 14.1 11.9 17.9





#75
Fluoranthene
Concen: 4.169 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

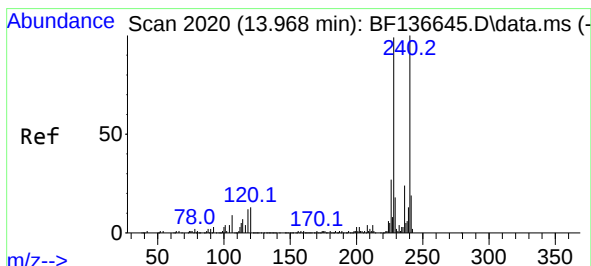
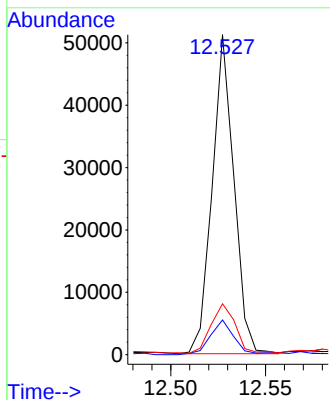
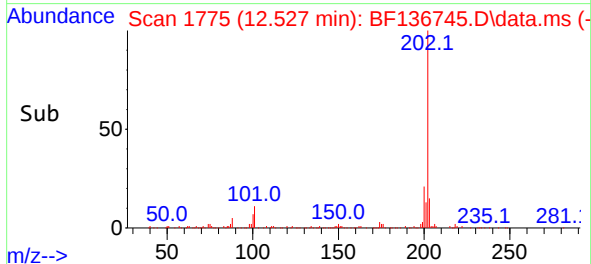
Instrument :
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ROUTE-4-TP-5



Tgt Ion:202 Resp: 40898
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.3
203 15.9 0.0 37.1

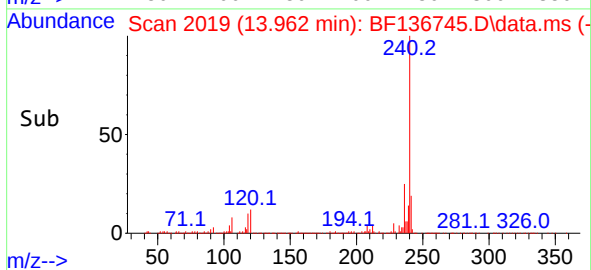
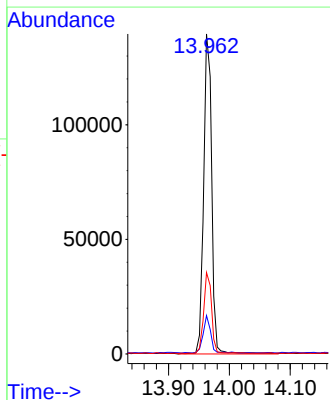
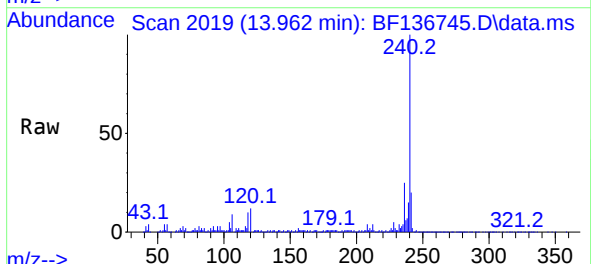
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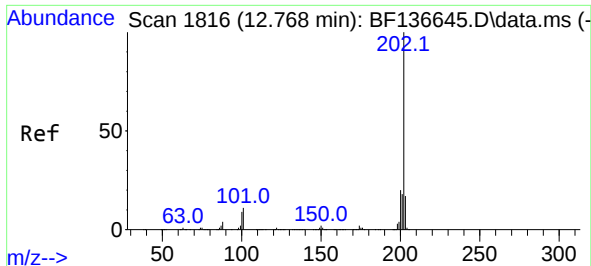
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

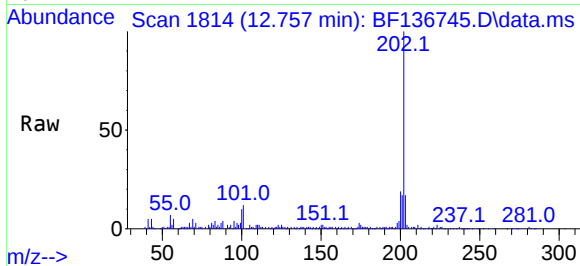
Tgt Ion:240 Resp: 128632
Ion Ratio Lower Upper
240 100
120 12.0 10.3 15.5
236 25.4 19.4 29.2





#78
Pyrene
Concen: 3.757 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

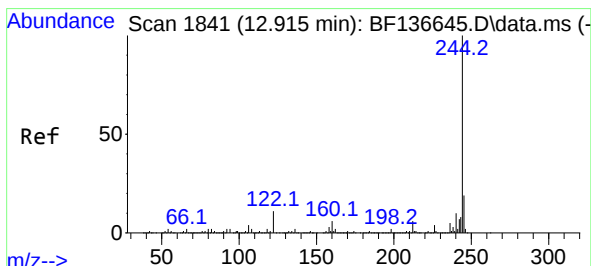
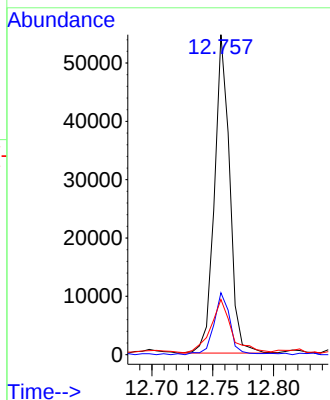
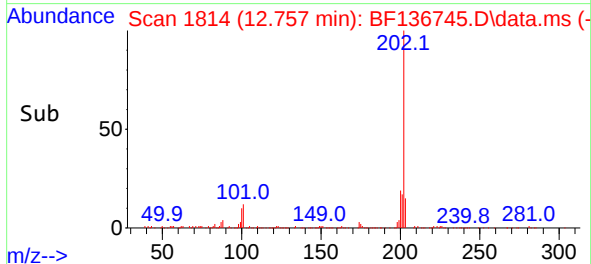
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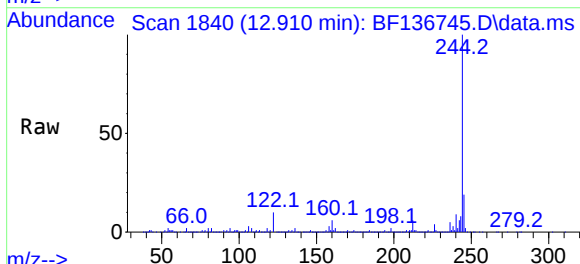
Tgt Ion:202 Resp: 47440
Ion Ratio Lower Upper
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200 19.4 15.9 23.9
203 17.3 13.8 20.6

Manual Integrations
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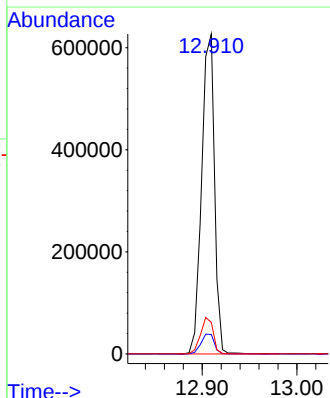
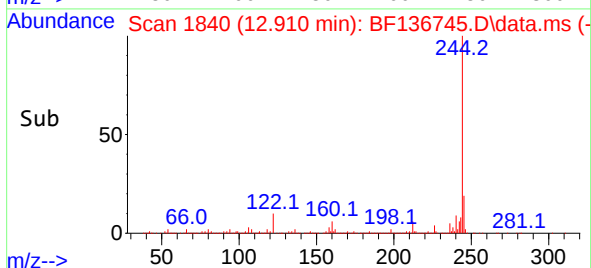
Reviewed By :Yogesh Patel 12/27/2023
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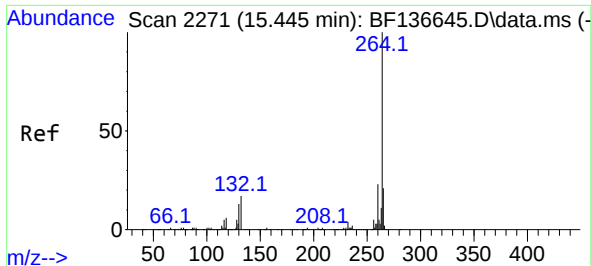


#79
Terphenyl-d14
Concen: 64.112 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48



Tgt Ion:244 Resp: 590127
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 9.8 9.0 13.4





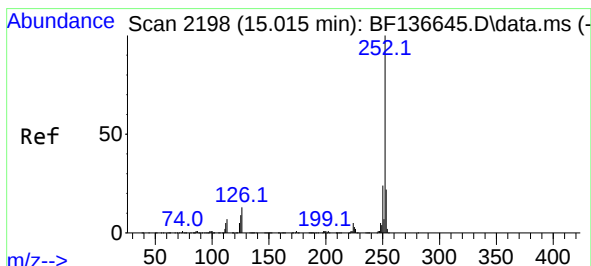
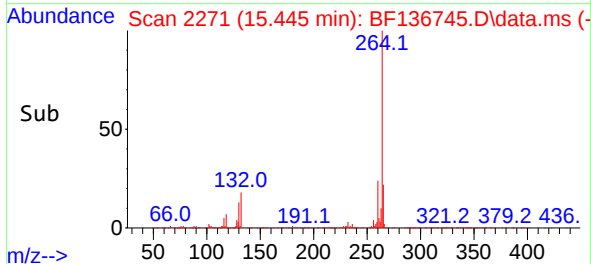
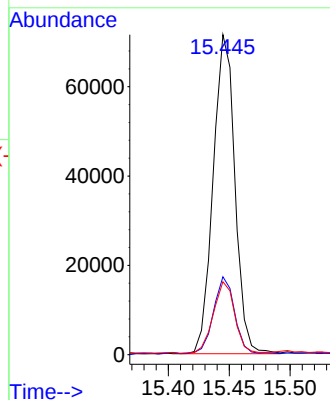
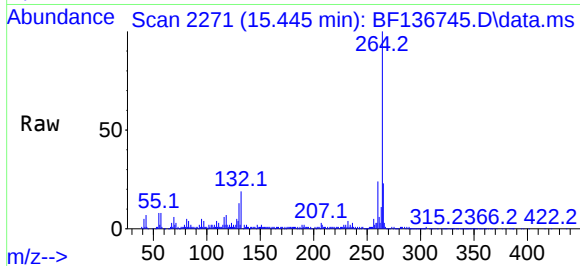
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

Tgt Ion:264 Resp: 8900
Ion Ratio Lower Upper
264 100
260 24.3 18.3 27.5
265 22.8 17.0 25.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#88
Benzo(b)fluoranthene
Concen: 2.225 ng m
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136745.D
Acq: 27 Dec 2023 04:48

Tgt Ion:252 Resp: 13229
Ion Ratio Lower Upper
252 100
253 32.2 17.4 26.0#
125 21.8 7.4 11.2#

