

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121422\
 Data File : BN023206.D
 Acq On : 14 Dec 2022 18:41
 Operator : CG/JU
 Sample : N6004-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-IN03-12092022

Quant Time: Dec 15 02:57:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	5594	0.400	ng	0.00
7) Naphthalene-d8	10.829	136	16748	0.400	ng	-0.01
13) Acenaphthene-d10	14.656	164	9477	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	23264	0.400	ng	# 0.00
29) Chrysene-d12	21.580	240	22707	0.400	ng	# 0.00
35) Perylene-d12	24.039	264	19160	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.550	112	1245	0.120	ng	0.00
5) Phenol-d6	7.168	99	1007	0.076	ng	0.00
8) Nitrobenzene-d5	9.174	82	2906m	0.263	ng	-0.01
11) 2-Methylnaphthalene-d10	12.416	152	5427	0.191	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1149	0.334	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	11436	0.302	ng	0.00
27) Fluoranthene-d10	19.431	212	17408	0.320	ng	0.00
31) Terphenyl-d14	20.022	244	12913	0.350	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.391	88	475	0.086	ng	# 72
18) Fluorene	15.703	166	776	0.025	ng	# 77
22) Hexachlorobenzene	16.707	284	372	0.023	ng	96
25) Phenanthrene	17.439	178	1404m	0.020	ng	
28) Fluoranthene	19.460	202	1514	0.020	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.491	149	1514	0.049	ng	# 99

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

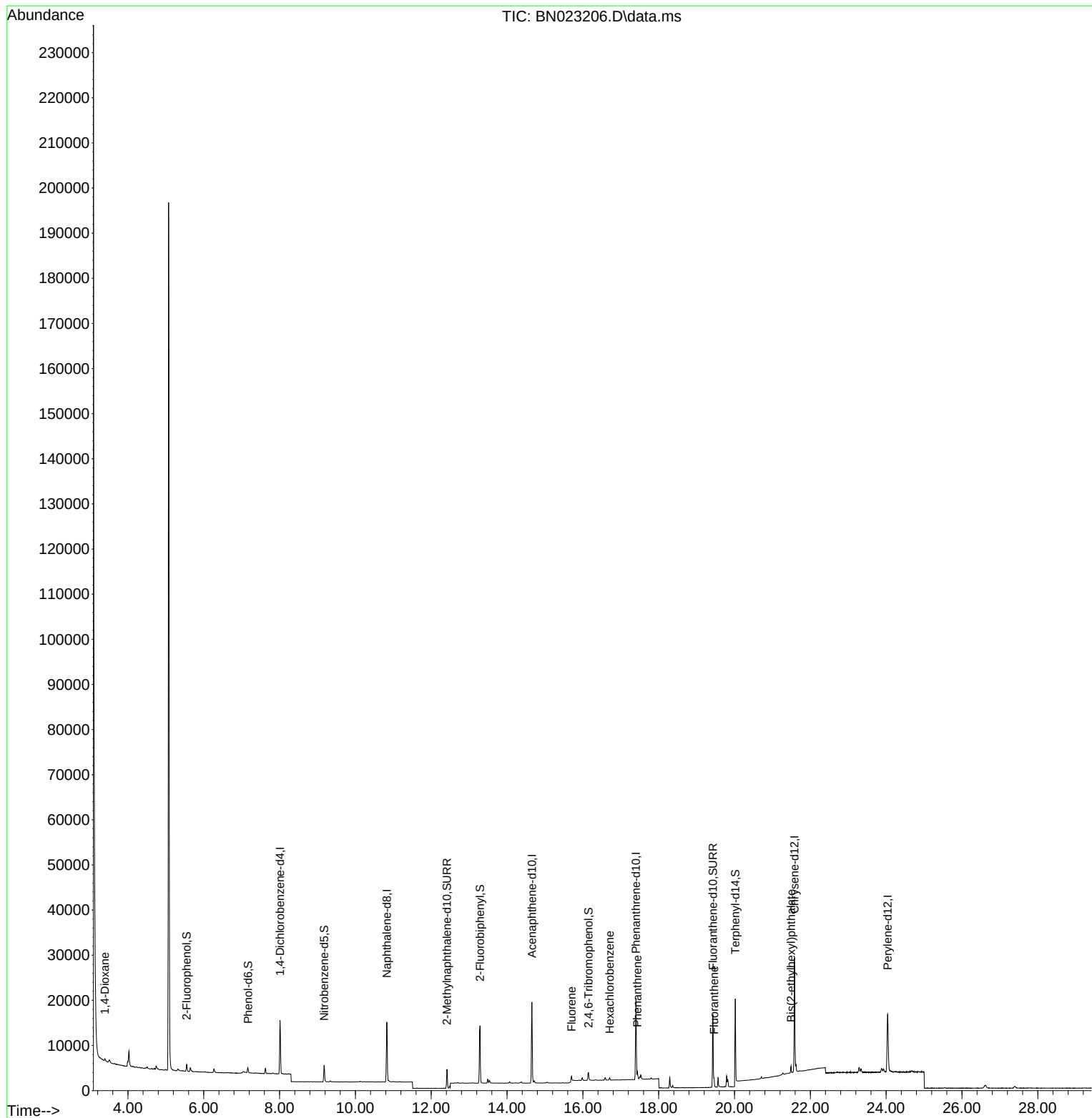
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121422\
Data File : BN023206.D
Acq On : 14 Dec 2022 18:41
Operator : CG/JU
Sample : N6004-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

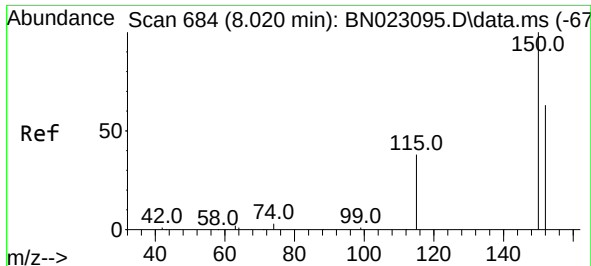
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022

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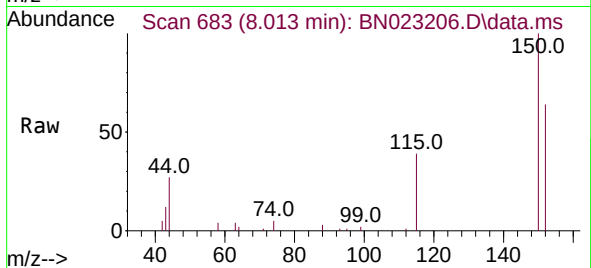
Quant Time: Dec 15 02:57:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.013 min Scan# 684
Delta R.T. -0.008 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

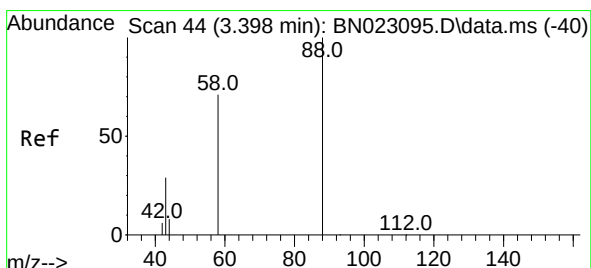
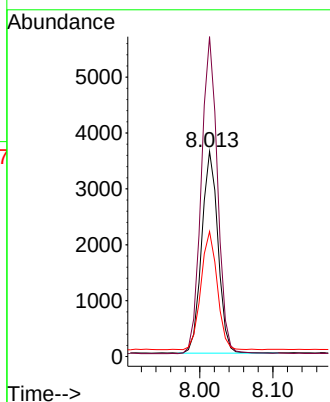
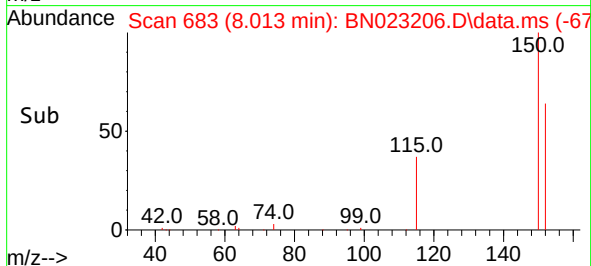
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022



Tgt Ion: 152 Resp: 5594
Ion Ratio Lower Upper
152 100
150 156.0 125.6 188.4
115 61.0 49.0 73.4

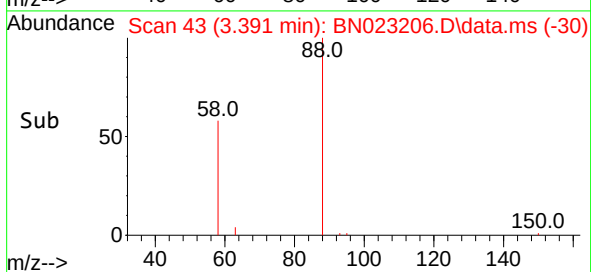
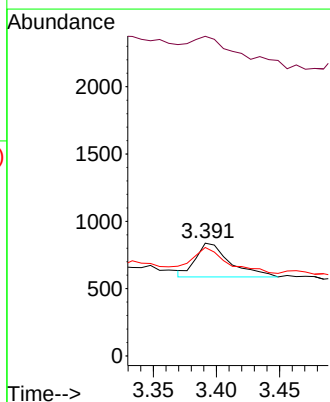
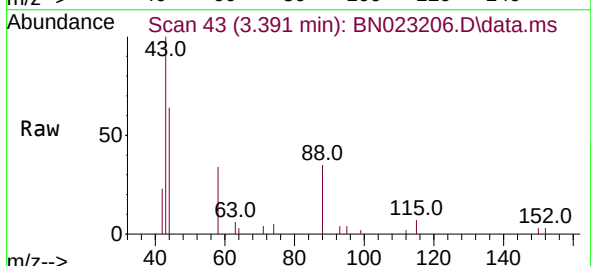
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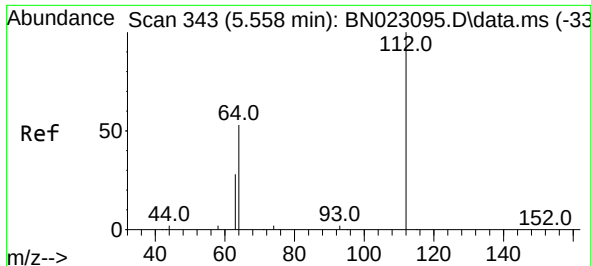
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#2
1,4-Dioxane
Concen: 0.086 ng
RT: 3.391 min Scan# 43
Delta R.T. -0.007 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

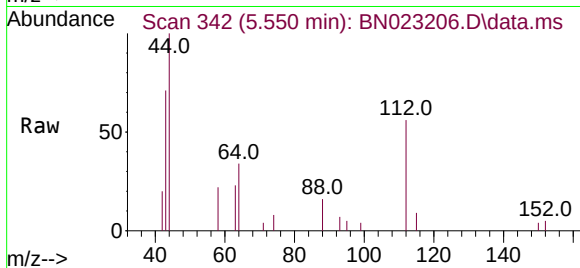
Tgt Ion: 88 Resp: 475
Ion Ratio Lower Upper
88 100
43 67.4 23.3 34.9
58 81.1 58.0 87.0





#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.550 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

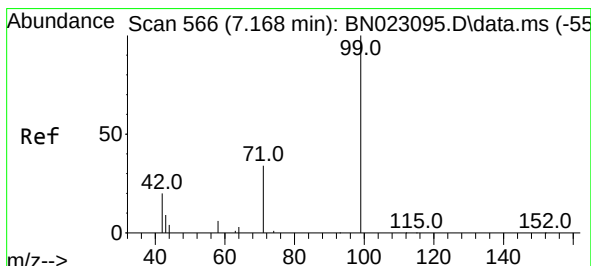
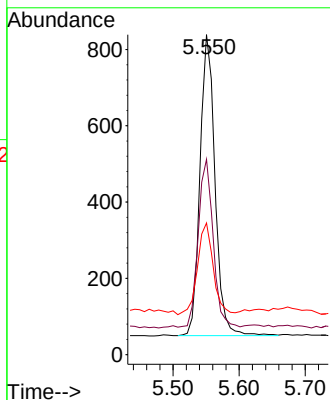
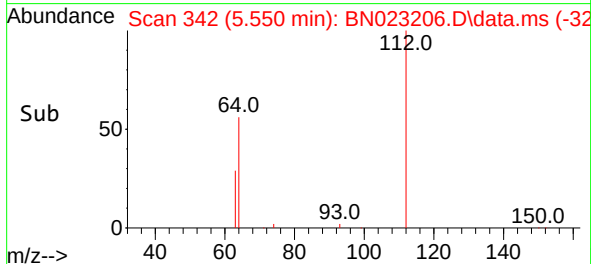
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 112 Resp: 1245
Ion Ratio Lower Upper
112 100
64 55.3 44.4 66.6
63 31.7 23.7 35.5

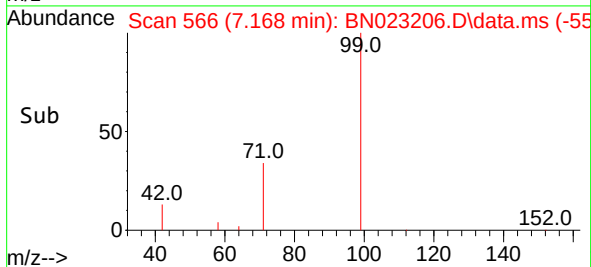
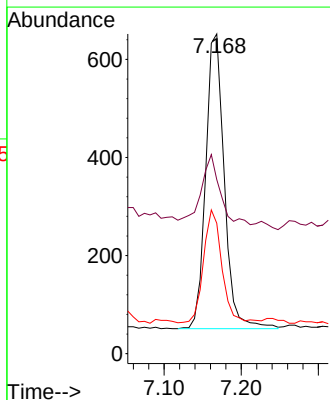
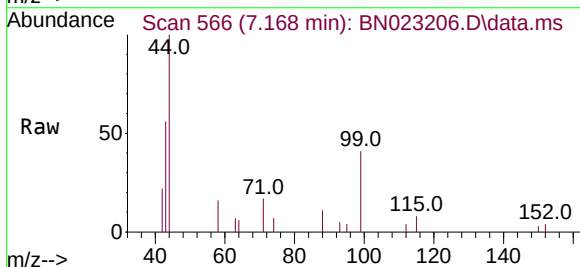
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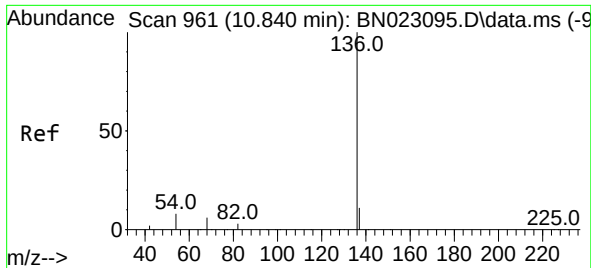
Reviewed By :Jagrut Upadhyay 12/15/2022
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#5
Phenol-d6
Concen: 0.076 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

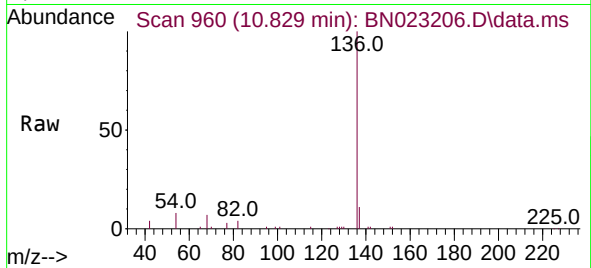
Tgt Ion: 99 Resp: 1007
Ion Ratio Lower Upper
99 100
42 23.0 16.3 24.5
71 38.4 26.5 39.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.829 min Scan# 961
Delta R.T. -0.011 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

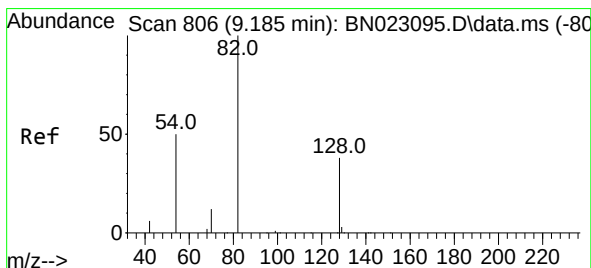
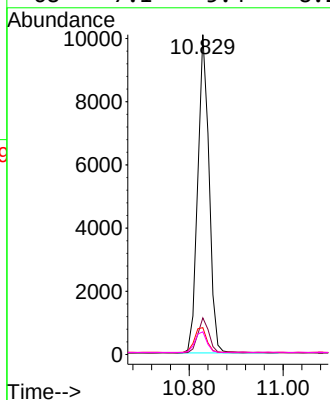
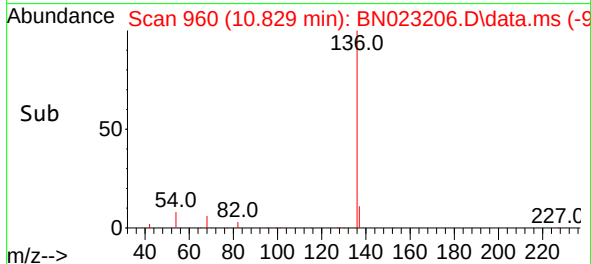
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022



Tgt Ion:136 Resp: 16748
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 8.4 6.5 9.7
68 7.1 5.4 8.2

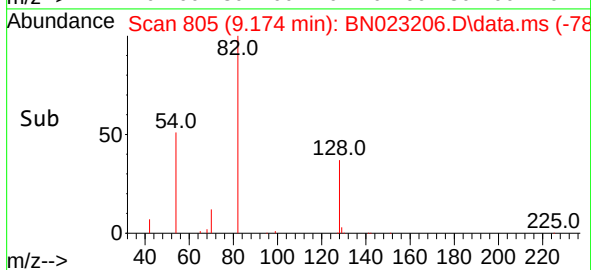
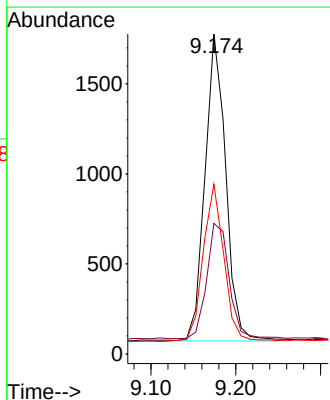
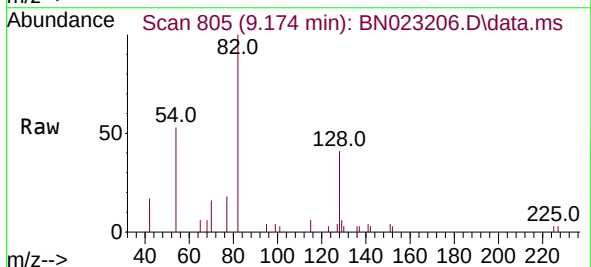
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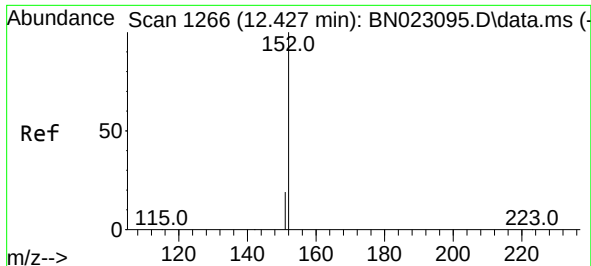
Reviewed By :Jagrut Upadhyay 12/15/2022
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#8
Nitrobenzene-d5
Concen: 0.263 ng m
RT: 9.174 min Scan# 805
Delta R.T. -0.011 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

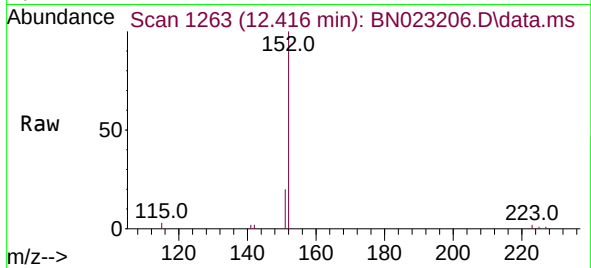
Tgt Ion: 82 Resp: 2906
Ion Ratio Lower Upper
82 100
128 40.8 31.4 47.2
54 53.0 41.0 61.4





#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 12.416 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

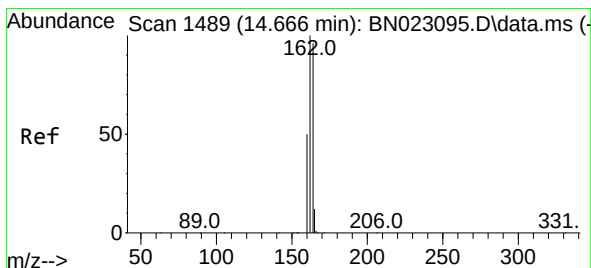
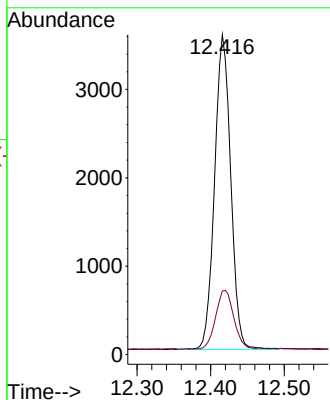
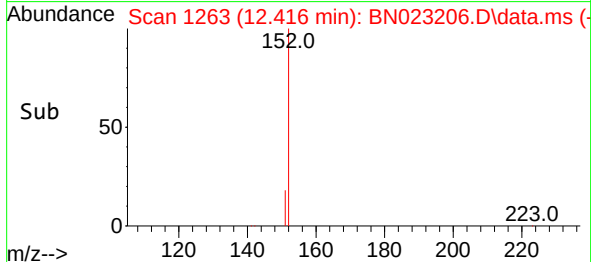
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022



Tgt Ion:152 Resp: 542
Ion Ratio Lower Upper
152 100
151 21.1 15.1 22.7

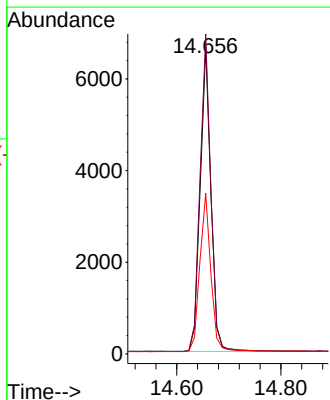
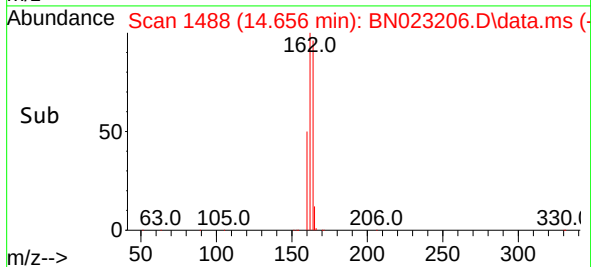
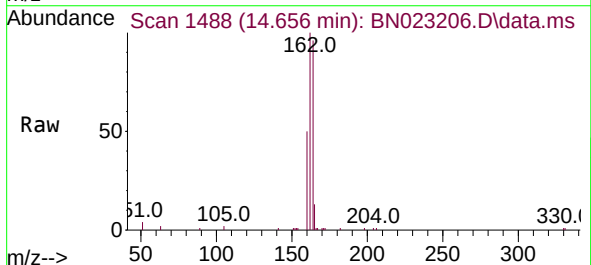
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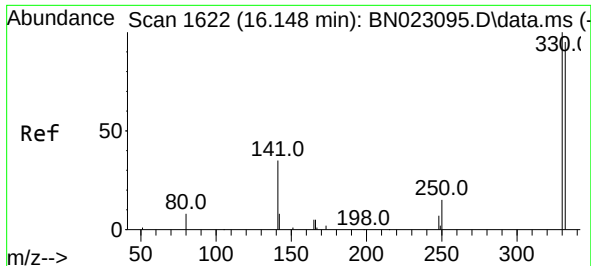
Reviewed By :Jagrut Upadhyay 12/15/2022
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.656 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

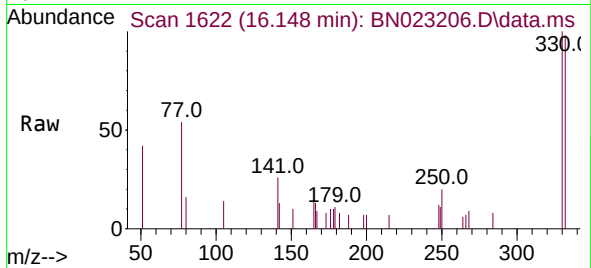
Tgt Ion:164 Resp: 9477
Ion Ratio Lower Upper
164 100
162 104.4 83.4 125.0
160 52.4 41.8 62.8





#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

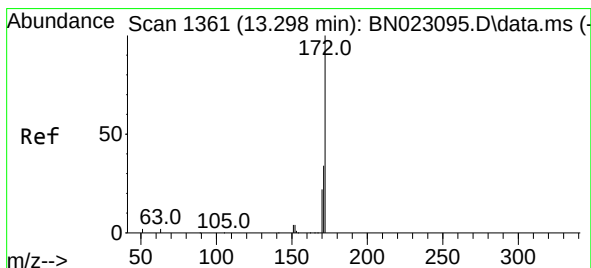
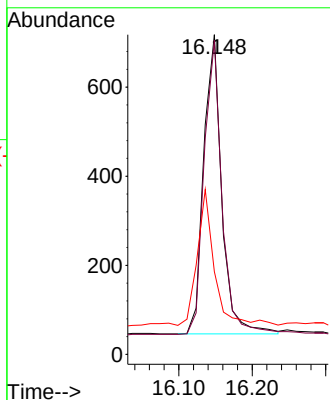
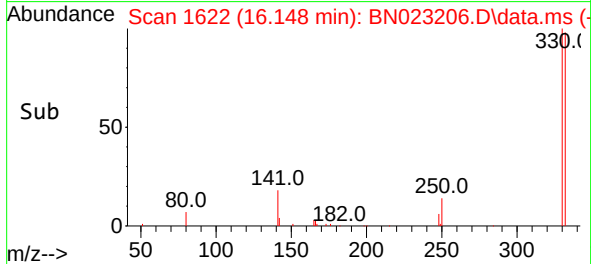
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022



Tgt Ion: 330 Resp: 1149
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 42.4 33.5 50.3

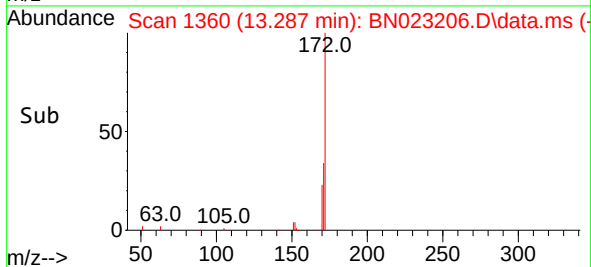
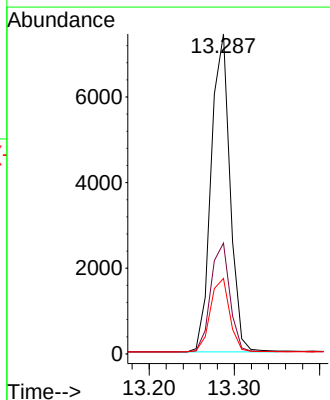
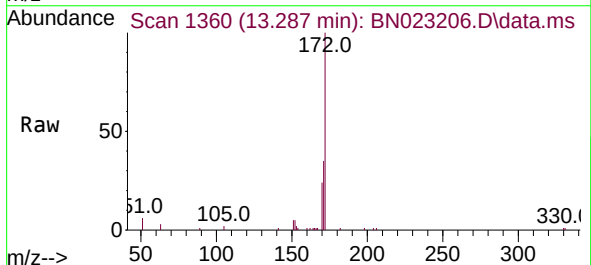
Manual Integrations
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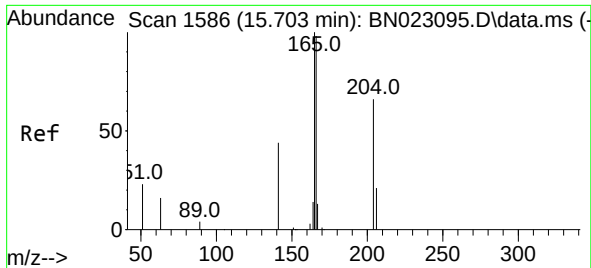
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.287 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

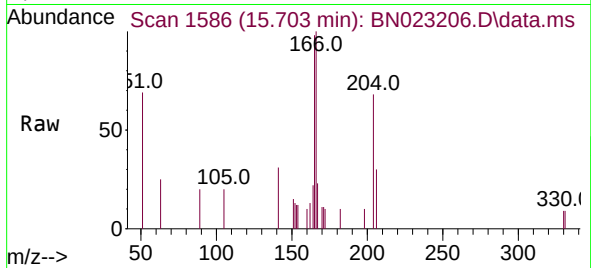
Tgt Ion: 172 Resp: 11436
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.6 17.9 26.9





#18
Fluorene
Concen: 0.025 ng
RT: 15.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

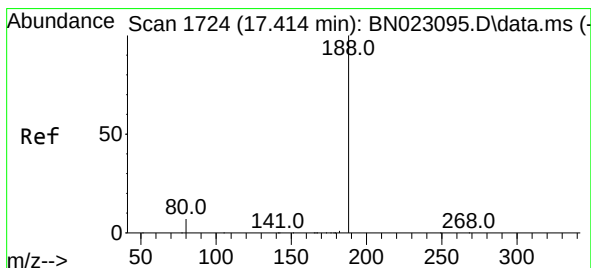
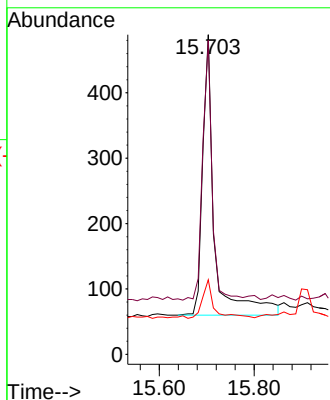
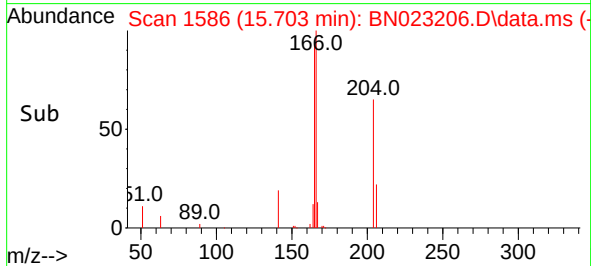
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022



Tgt Ion:166 Resp: 776
Ion Ratio Lower Upper
166 100
165 73.6 79.8 119.6
167 13.7 10.6 16.0

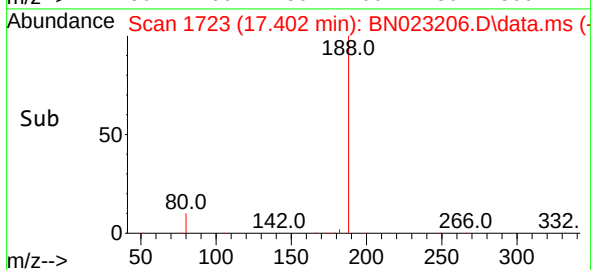
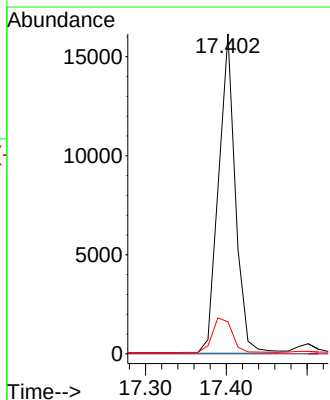
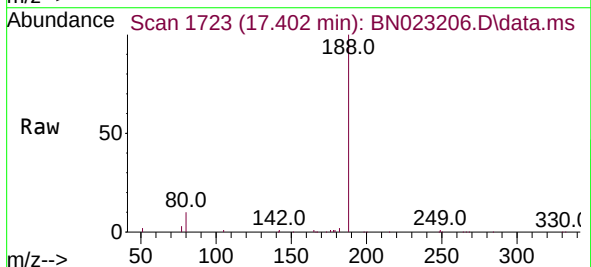
Manual Integrations
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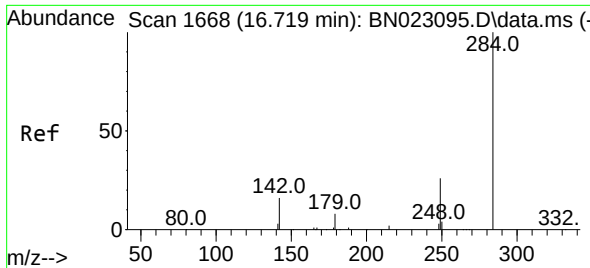
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

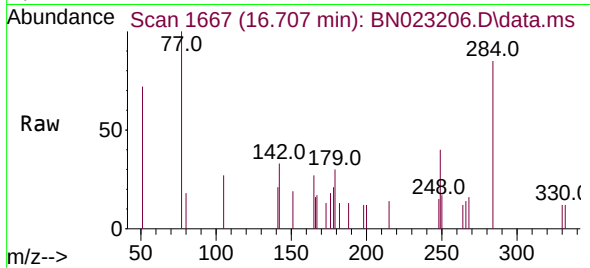
Tgt Ion:188 Resp: 23264
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 6.1 9.1#





#22
Hexachlorobenzene
Concen: 0.023 ng
RT: 16.707 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

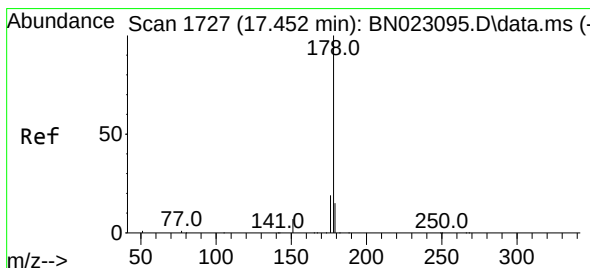
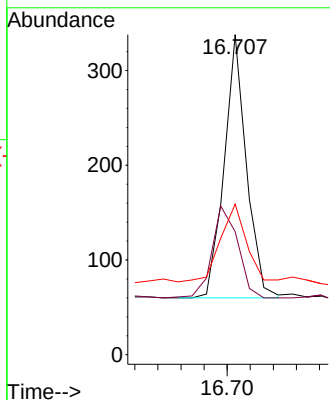
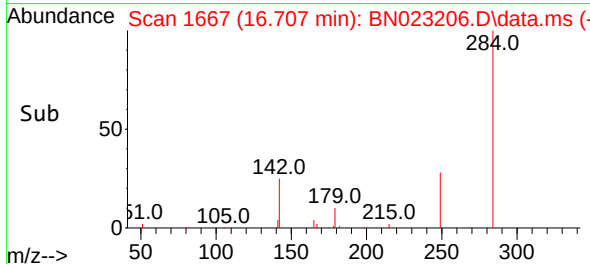
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022



Tgt Ion:284 Resp: 372
Ion Ratio Lower Upper
284 100
142 40.3 31.0 46.4
249 34.1 24.4 36.6

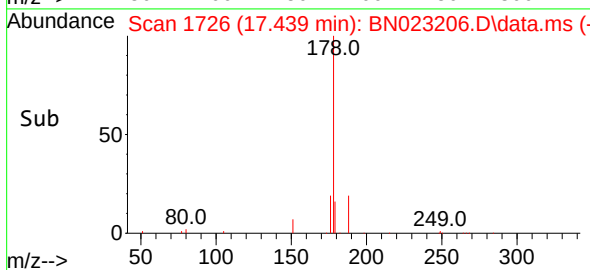
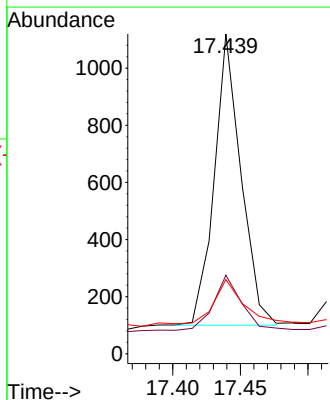
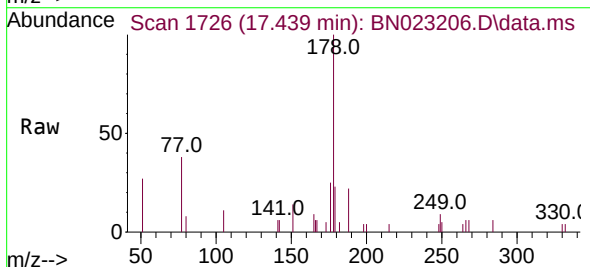
Manual Integrations
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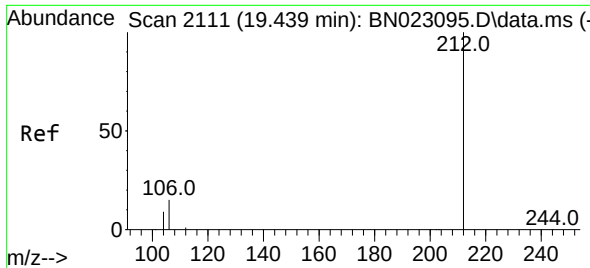
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#25
Phenanthrene
Concen: 0.020 ng m
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

Tgt Ion:178 Resp: 1404
Ion Ratio Lower Upper
178 100
176 14.9 15.4 23.2#
179 14.3 12.2 18.2





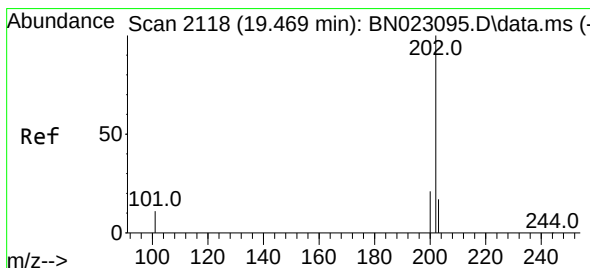
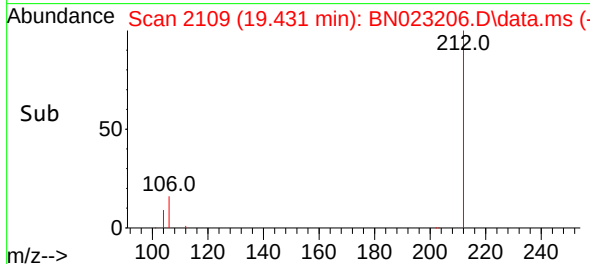
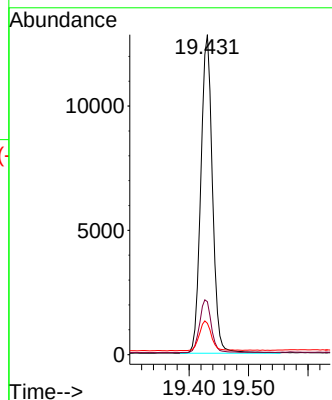
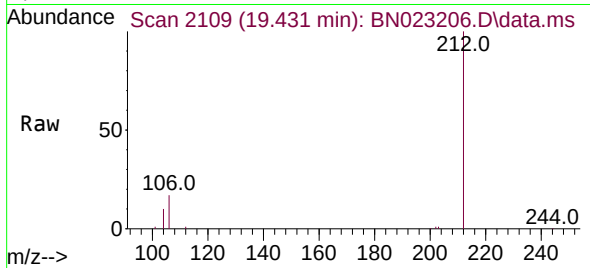
#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.431 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022

Tgt Ion:212 Resp: 17408
Ion Ratio Lower Upper
212 100
106 16.8 13.0 19.4
104 9.7 7.5 11.3

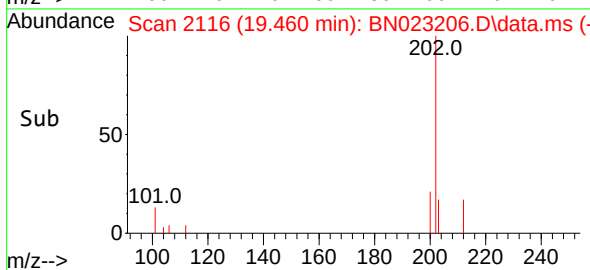
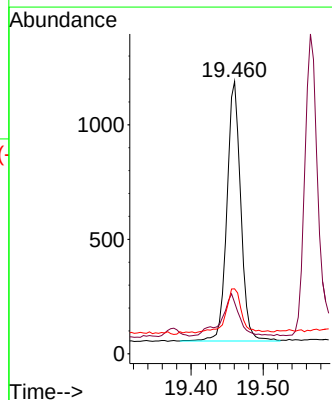
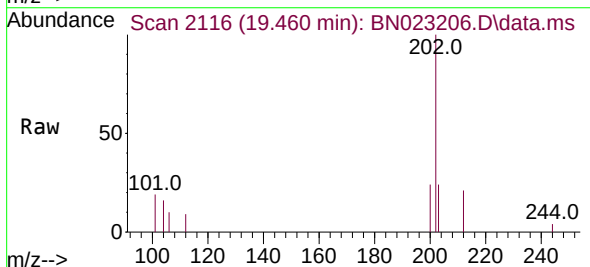
Manual Integrations
APPROVED

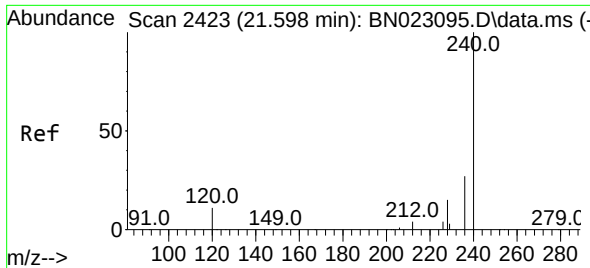
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#28
Fluoranthene
Concen: 0.020 ng
RT: 19.460 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

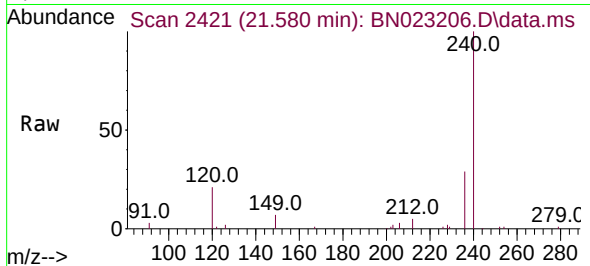
Tgt Ion:202 Resp: 1514
Ion Ratio Lower Upper
202 100
101 20.3 9.7 14.5#
203 20.3 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.580 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

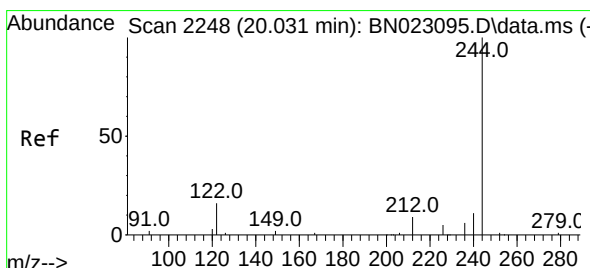
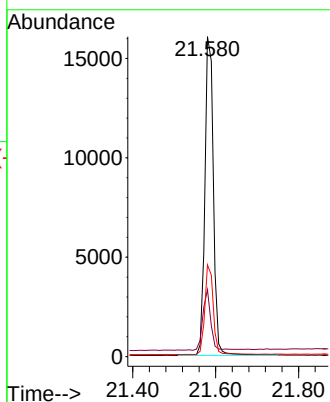
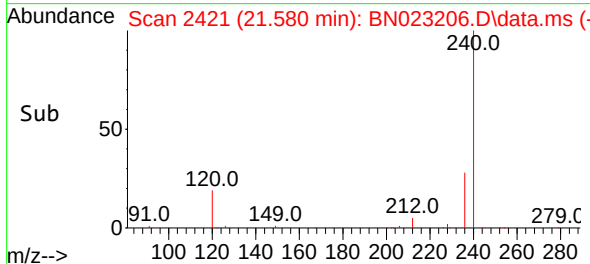
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022



Tgt Ion:240 Resp: 2270
Ion Ratio Lower Upper
240 100
120 20.9 10.1 15.1
236 28.7 22.2 33.4

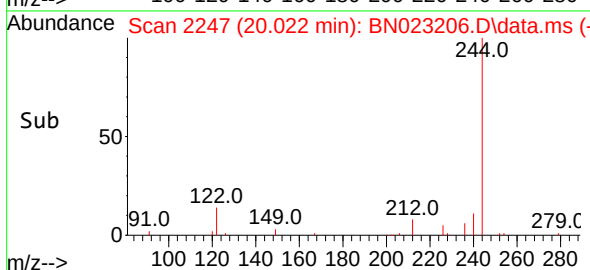
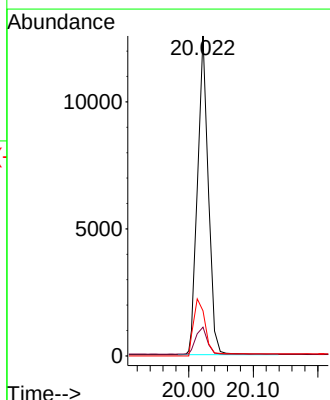
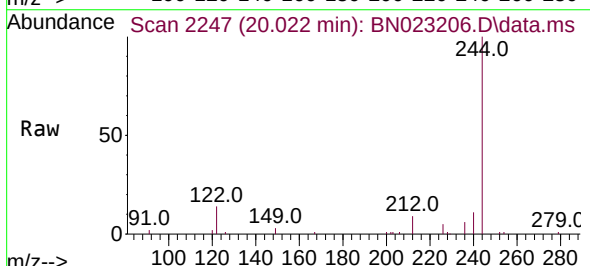
Manual Integrations
APPROVED

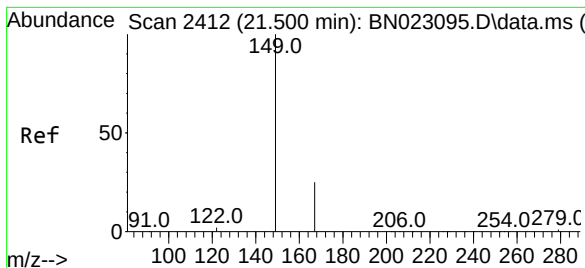
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#31
Terphenyl-d14
Concen: 0.350 ng
RT: 20.022 min Scan# 2247
Delta R.T. -0.009 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

Tgt Ion:244 Resp: 12913
Ion Ratio Lower Upper
244 100
212 9.0 7.6 11.4
122 14.1 12.6 18.8





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.049 ng

RT: 21.491 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BN023206.D

Acq: 14 Dec 2022 18:41

Instrument :

BNA_N

ClientSampleId :

RW9-PT-IN03-12092022

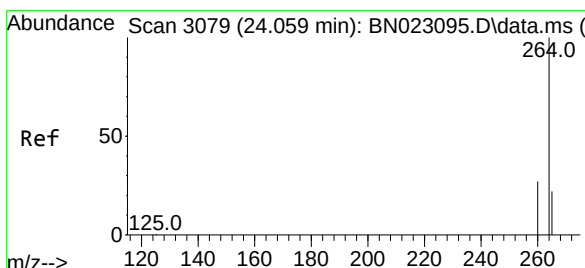
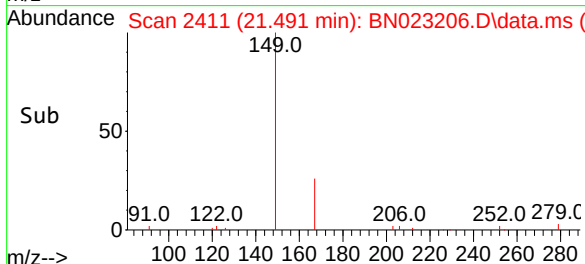
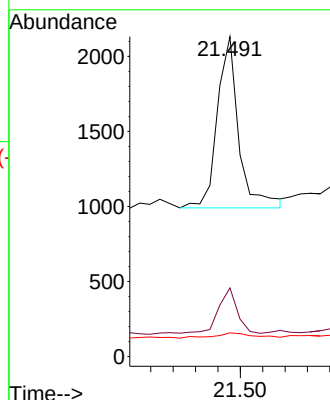
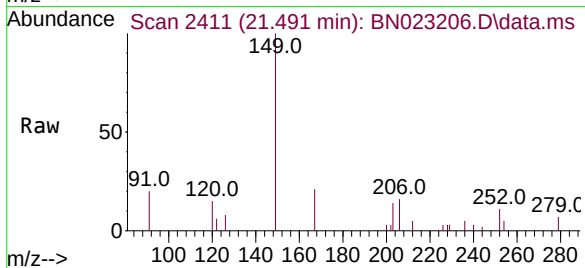
Tgt Ion:149 Resp: 1514

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.2	30.2
279	5.6	2.3	3.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.039 min Scan# 3072

Delta R.T. -0.012 min

Lab File: BN023206.D

Acq: 14 Dec 2022 18:41

Tgt Ion:264 Resp: 19160

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.7	32.5
265	49.0	43.2	64.8

