

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028475.D
 Acq On : 04 Nov 2023 15:23
 Operator : MA/JU
 Sample : 05225-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-400-402

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

Quant Time: Nov 06 04:46:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	9878	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	30161	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	18865	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	44095	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	35425	0.400	ng	0.00
35) Perylene-d12	23.646	264	32766	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	3880	0.150	ng	0.00
5) Phenol-d6	6.887	99	3058	0.094	ng	0.00
8) Nitrobenzene-d5	8.865	82	5524	0.283	ng	-0.01
11) 2-Methylnaphthalene-d10	12.102	152	13107	0.304	ng	-0.01
14) 2,4,6-Tribromophenol	15.855	330	2744	0.373	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	2084	0.093	ng	0.00
27) Fluoranthene-d10	19.157	212	39815	0.365	ng	0.00
31) Terphenyl-d14	19.765	244	31480	0.422	ng	0.00
Target Compounds						
28) Fluoranthene	19.185	202	3771	0.025	ng	# 94
30) Pyrene	19.552	202	3273	0.022	ng	96
34) Bis(2-ethylhexyl)phtha...	21.266	149	12013	0.165	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.023	276	2337m	0.066	ng	
37) Benzo(b)fluoranthene	22.944	252	2935	0.090	ng	# 1

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

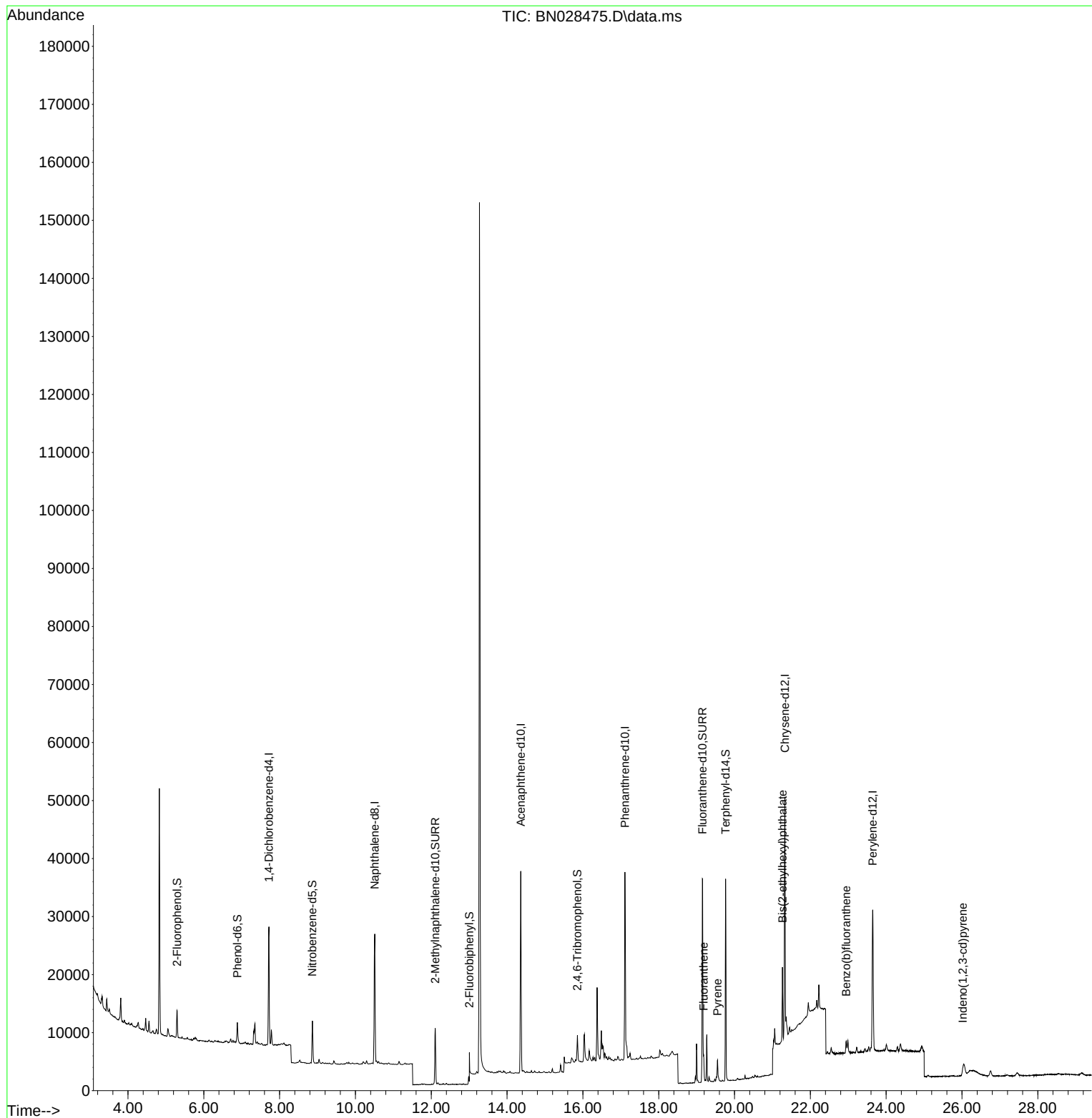
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
Data File : BN028475.D
Acq On : 04 Nov 2023 15:23
Operator : MA/JU
Sample : 05225-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

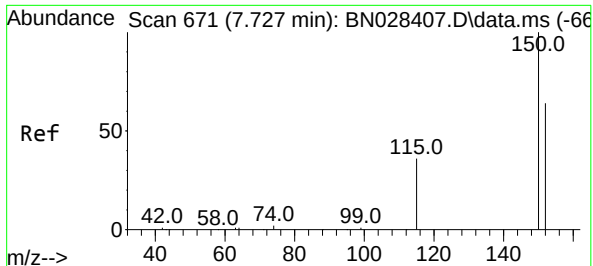
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-400-402

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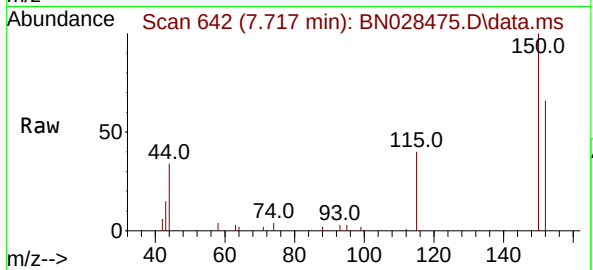
Quant Time: Nov 06 04:46:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. -0.010 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

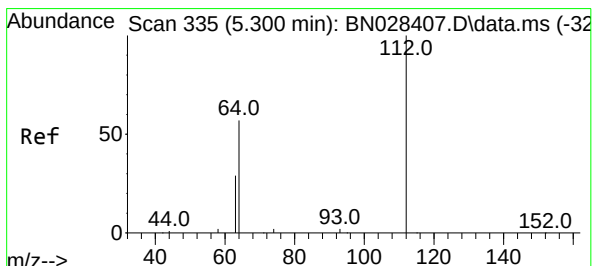
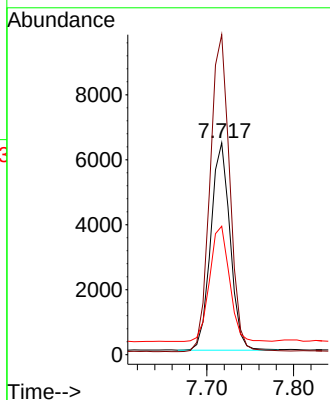
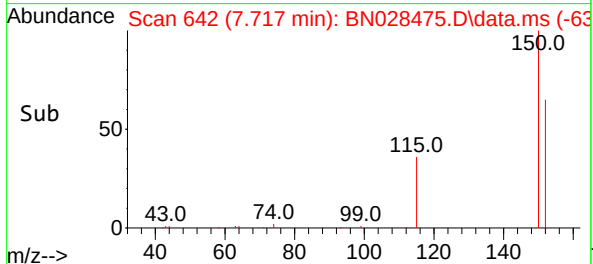
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-400-402



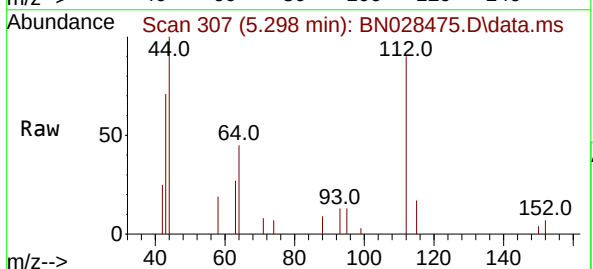
Tgt Ion:152 Resp: 9878
Ion Ratio Lower Upper
152 100
150 151.0 123.8 185.6
115 60.6 47.0 70.6

Manual Integrations
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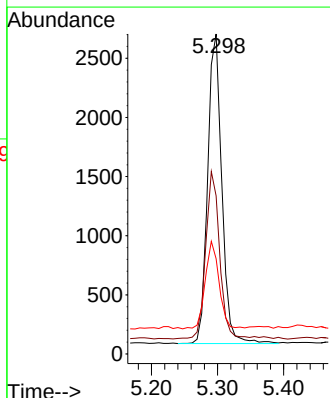
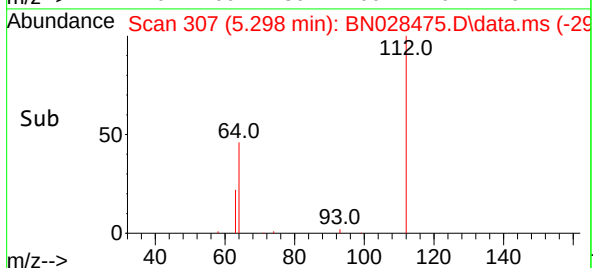
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

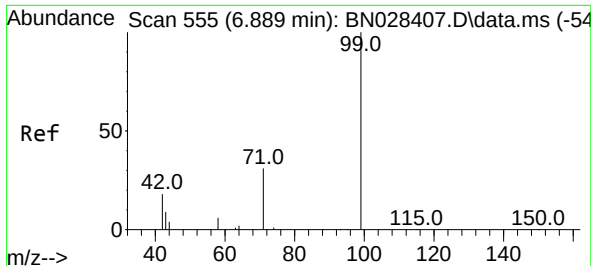


#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.002 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23



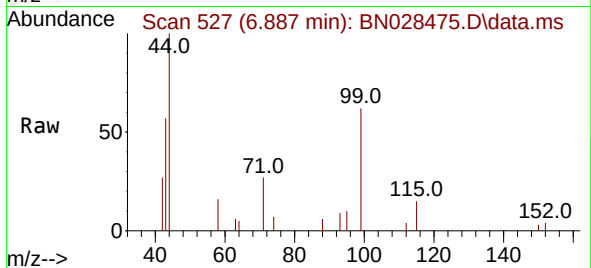
Tgt Ion:112 Resp: 3880
Ion Ratio Lower Upper
112 100
64 53.0 44.3 66.5
63 27.6 22.6 33.8





#5
Phenol-d6
Concen: 0.094 ng
RT: 6.887 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

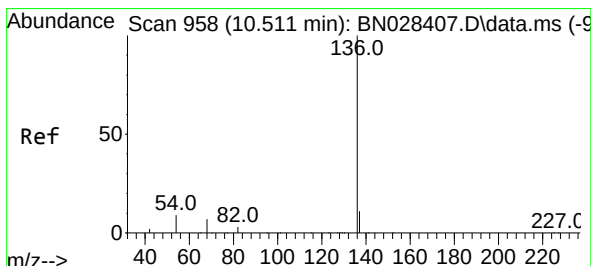
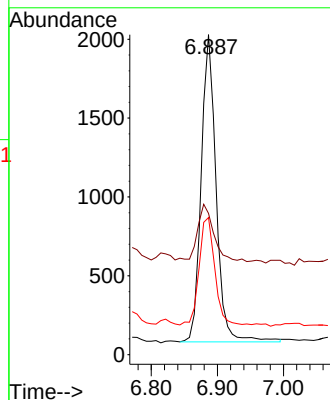
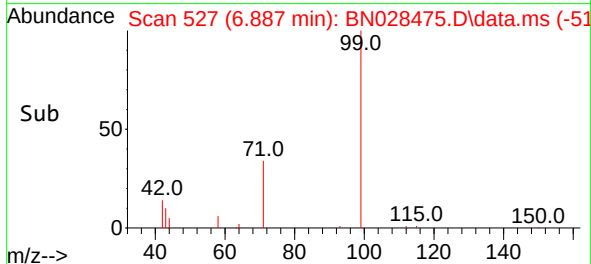
Instrument :
BNA_N
ClientSampleId :
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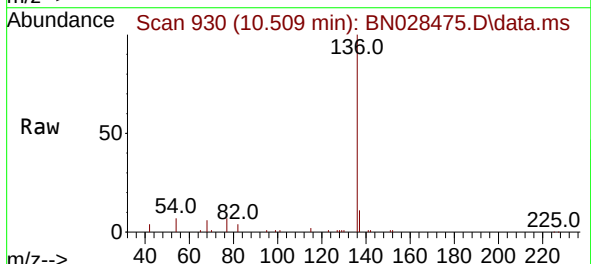
Tgt Ion: 99 Resp: 3058
Ion Ratio Lower Upper
99 100
42 20.4 15.4 23.0
71 36.4 24.4 36.6

Manual Integrations
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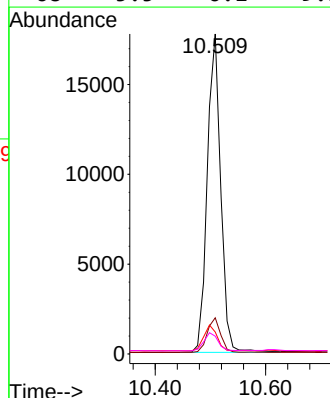
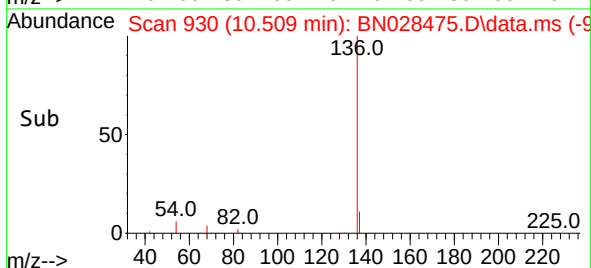
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

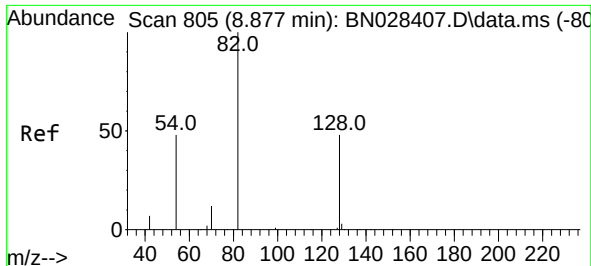


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.002 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23



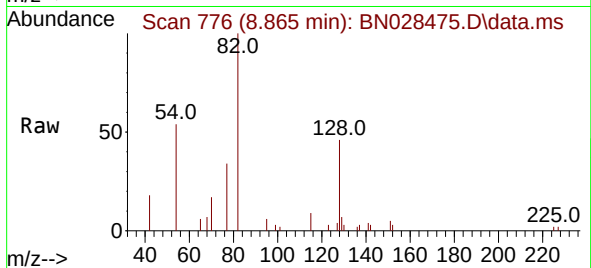
Tgt Ion:136 Resp: 30161
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.8 7.9 11.9#
68 5.5 6.1 9.1#





#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

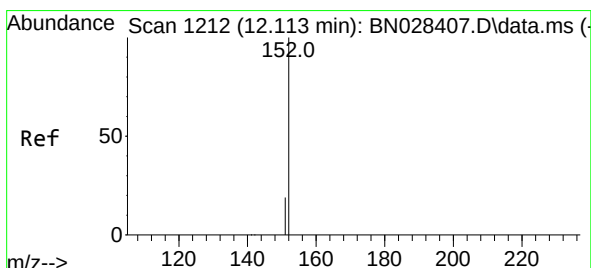
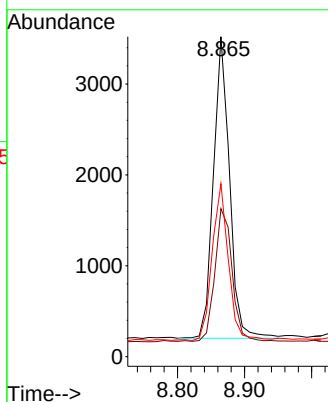
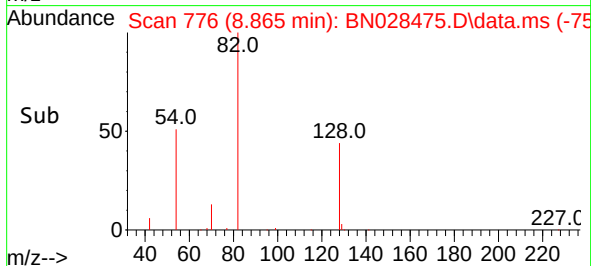
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 5524
Ion Ratio Lower Upper
82 100
128 46.3 38.8 58.2
54 54.0 40.3 60.5

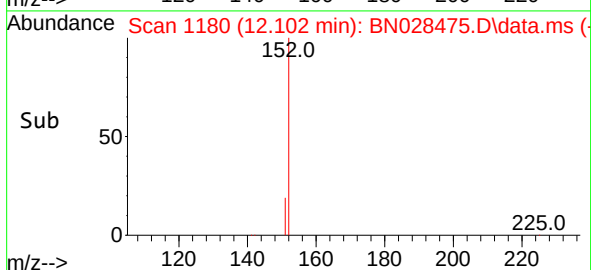
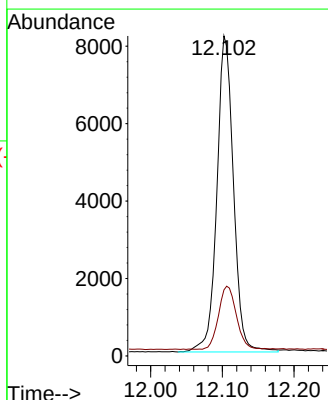
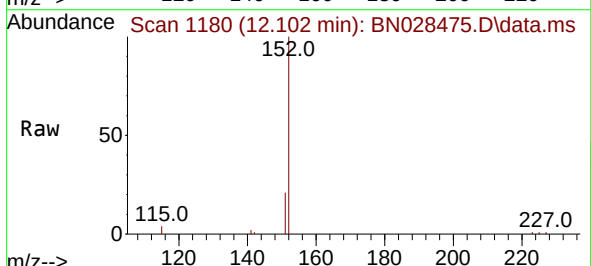
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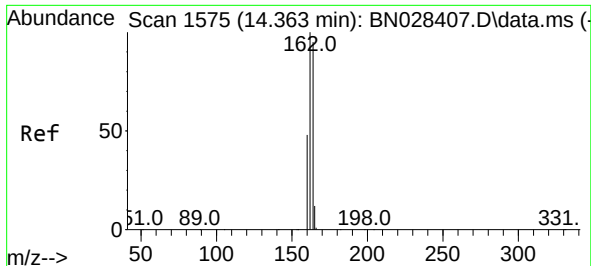
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.102 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

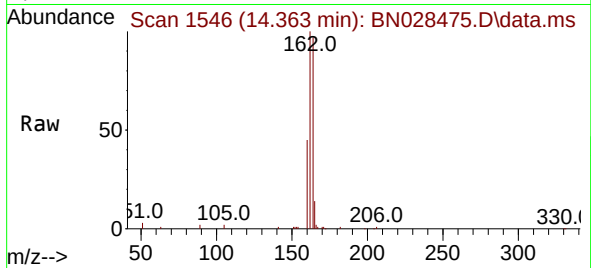
Tgt Ion:152 Resp: 13107
Ion Ratio Lower Upper
152 100
151 21.4 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

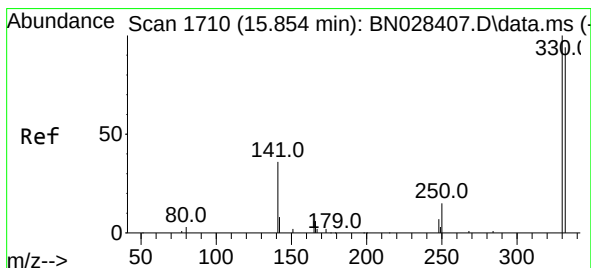
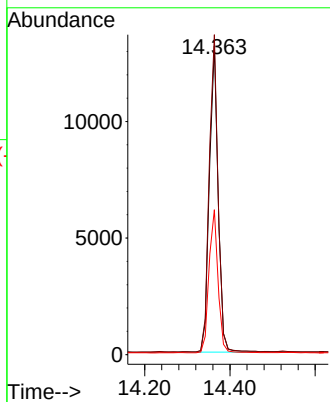
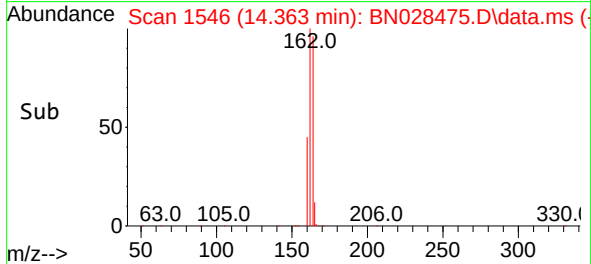
Instrument :
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ClientSampleId :
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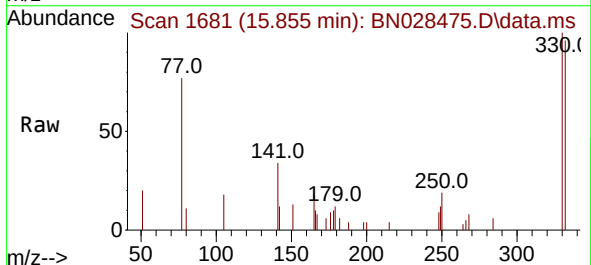
Tgt Ion:164 Resp: 1886
Ion Ratio Lower Upper
164 100
162 103.6 84.6 127.0
160 46.9 41.3 61.9

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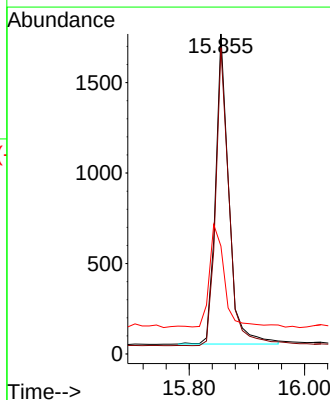
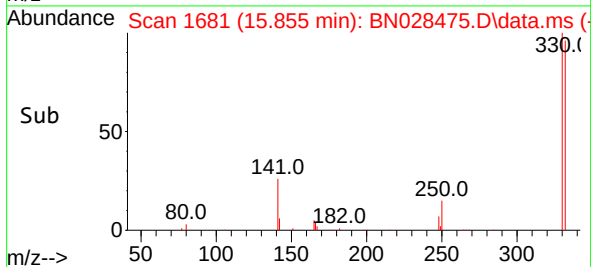
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

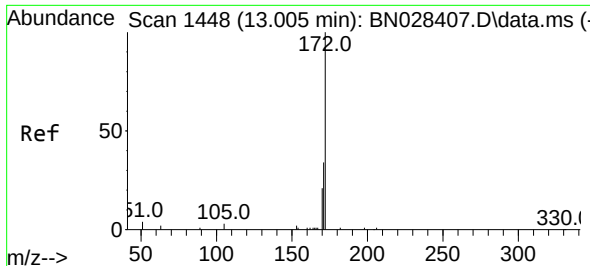


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.855 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23



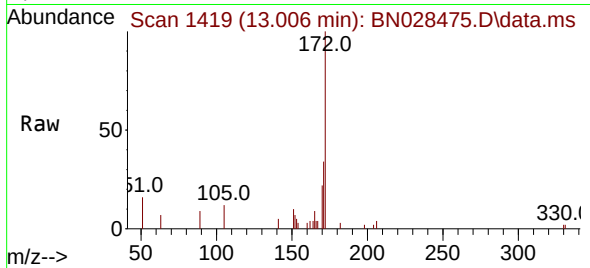
Tgt Ion:330 Resp: 2744
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.2
141 36.8 32.8 49.2





#15
2-Fluorobiphenyl
Concen: 0.093 ng
RT: 13.006 min Scan# 1448
Delta R.T. 0.001 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

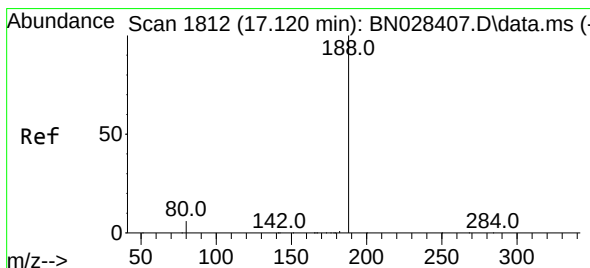
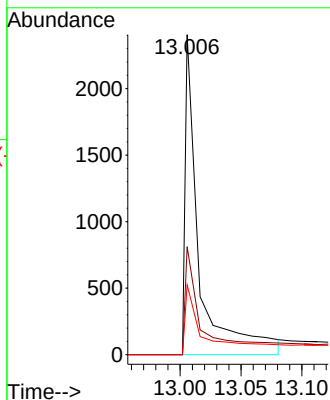
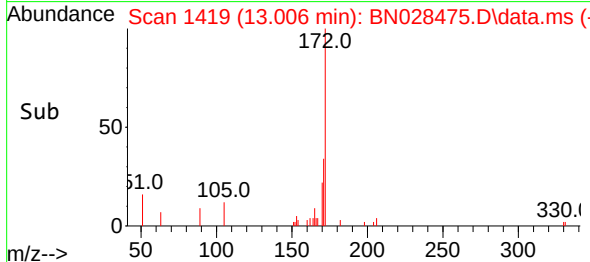
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-400-402



Tgt Ion:172 Resp: 2084
Ion Ratio Lower Upper
172 100
171 33.8 27.2 40.8
170 21.8 17.1 25.7

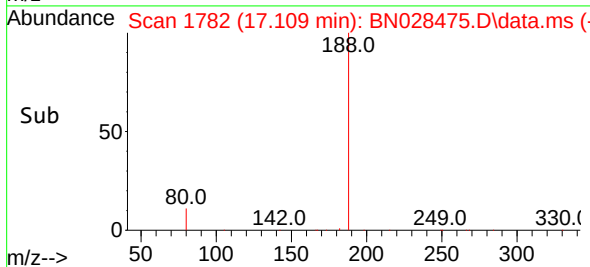
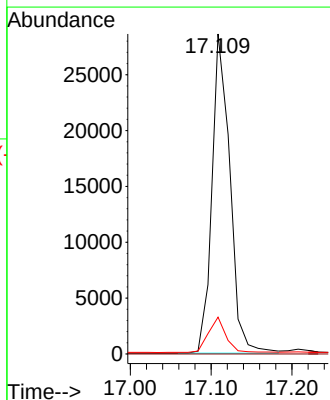
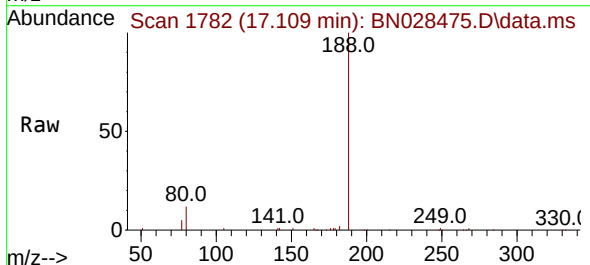
Manual Integrations
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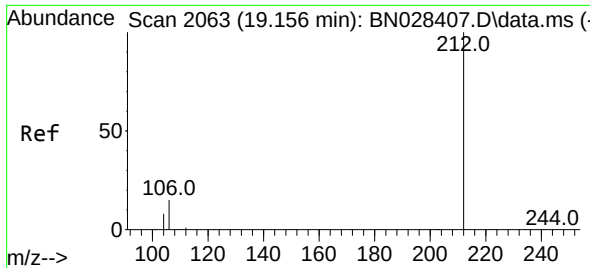
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

Tgt Ion:188 Resp: 44095
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 5.3 7.9





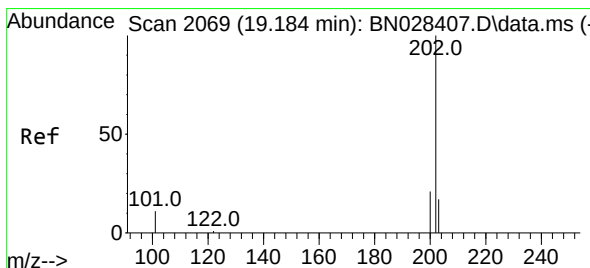
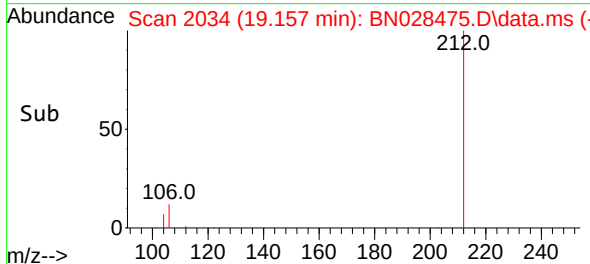
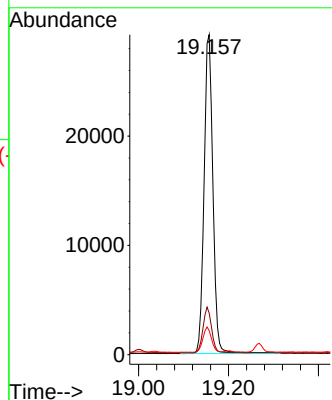
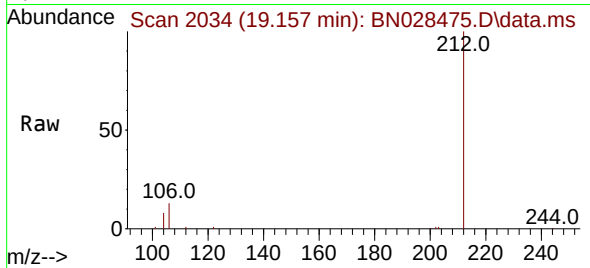
#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.157 min Scan# 2063
Delta R.T. 0.001 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-400-402

Tgt Ion:212 Resp: 3981
Ion Ratio Lower Upper
212 100
106 13.9 11.9 17.9
104 7.7 6.7 10.1

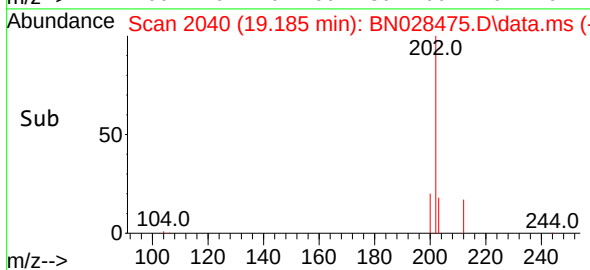
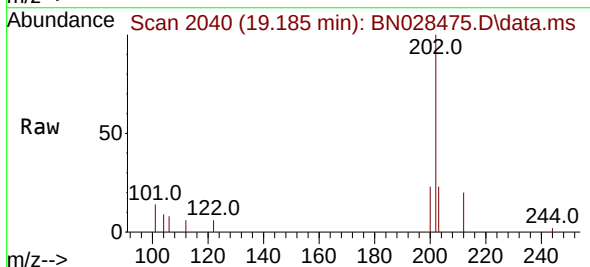
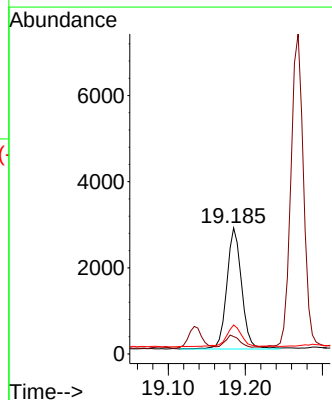
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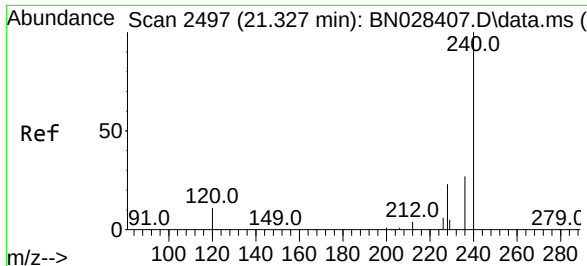
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.185 min Scan# 2040
Delta R.T. 0.001 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

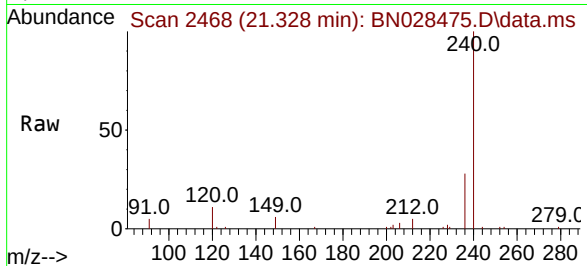
Tgt Ion:202 Resp: 3771
Ion Ratio Lower Upper
202 100
101 8.8 9.3 13.9#
203 19.6 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2497
Delta R.T. 0.001 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

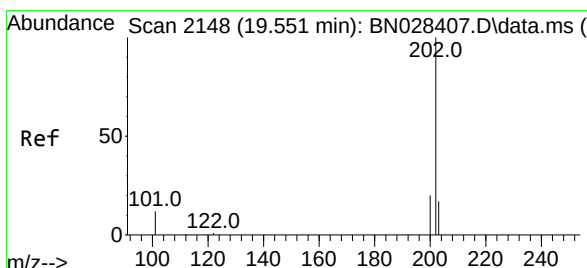
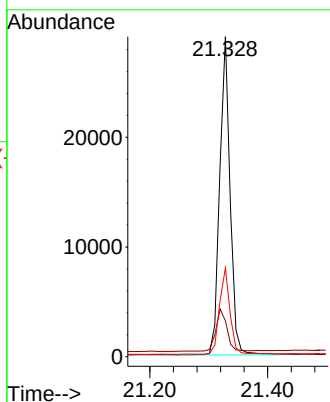
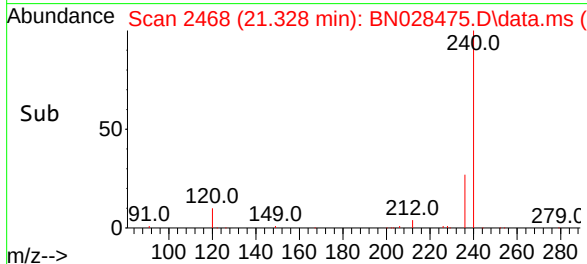
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-400-402



Tgt Ion:240 Resp: 35429
Ion Ratio Lower Upper
240 100
120 11.2 9.8 14.6
236 27.7 22.2 33.2

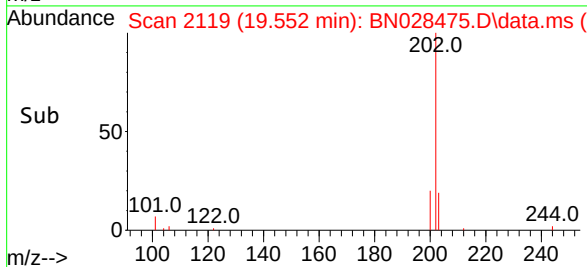
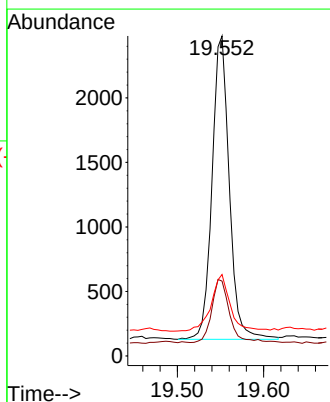
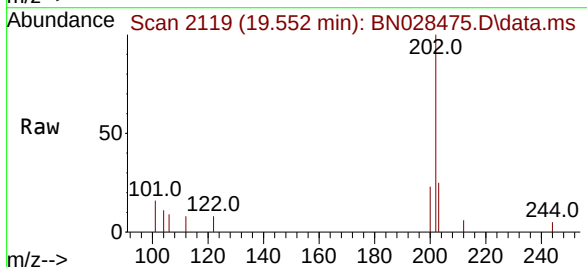
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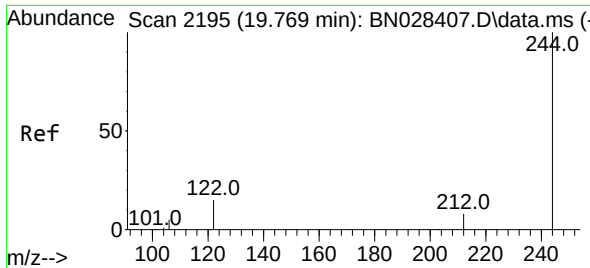
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#30
Pyrene
Concen: 0.022 ng
RT: 19.552 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BN028475.D
Acq: 04 Nov 2023 15:23

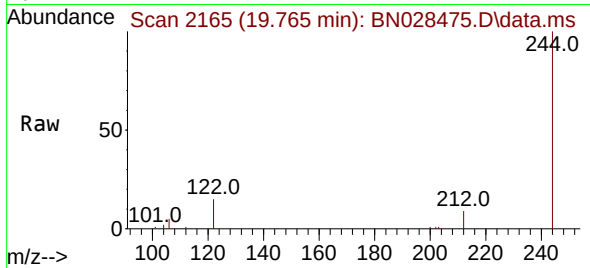
Tgt Ion:202 Resp: 3273
Ion Ratio Lower Upper
202 100
200 21.8 16.6 25.0
203 20.8 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.422 ng
 RT: 19.765 min Scan# 2195
 Delta R.T. -0.004 min
 Lab File: BN028475.D
 Acq: 04 Nov 2023 15:23

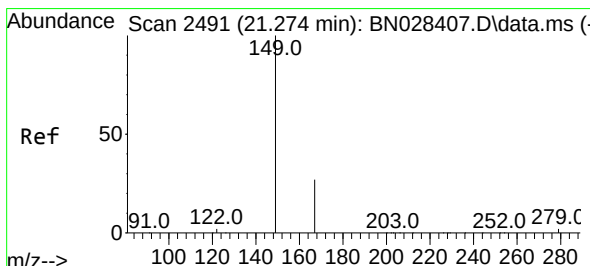
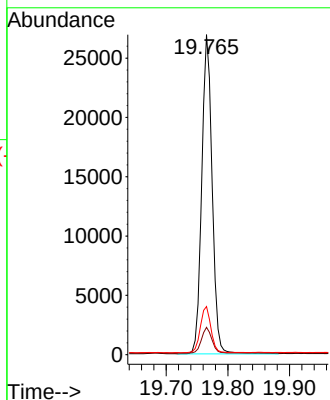
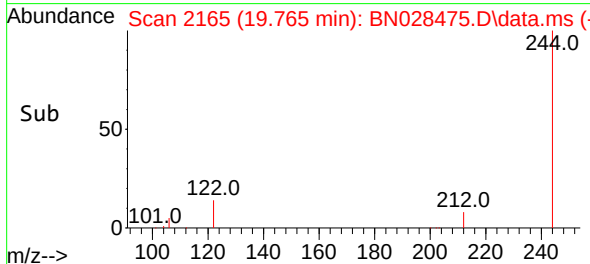
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-400-402



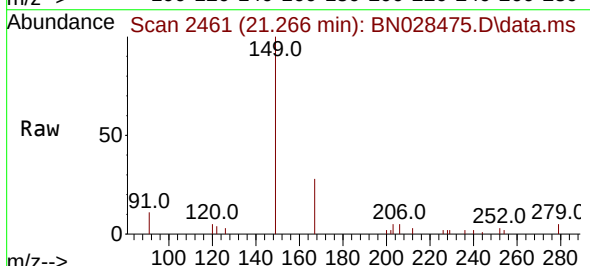
Tgt Ion:244 Resp: 31480
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 10.0
 122 15.0 12.6 19.0

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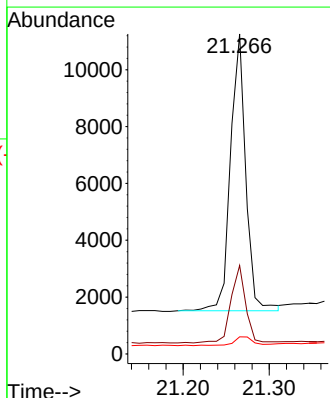
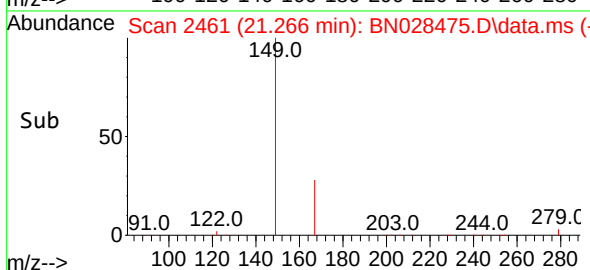
Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

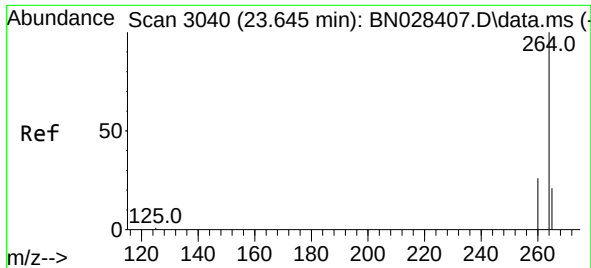


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.165 ng
 RT: 21.266 min Scan# 2461
 Delta R.T. -0.008 min
 Lab File: BN028475.D
 Acq: 04 Nov 2023 15:23



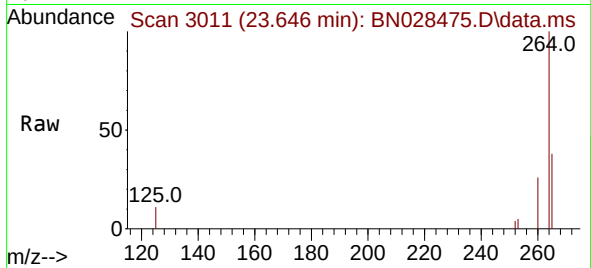
Tgt Ion:149 Resp: 12013
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.4 32.0
 279 4.4 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.646 min Scan# 3040
 Delta R.T. 0.001 min
 Lab File: BN028475.D
 Acq: 04 Nov 2023 15:23

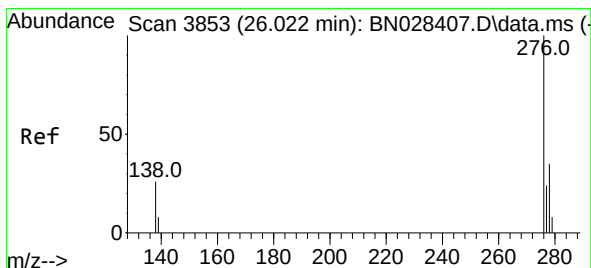
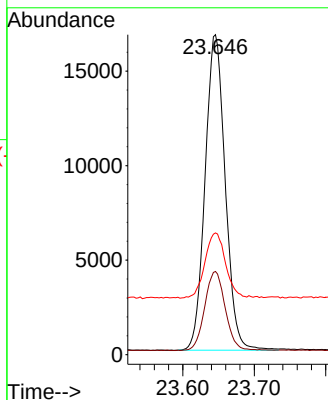
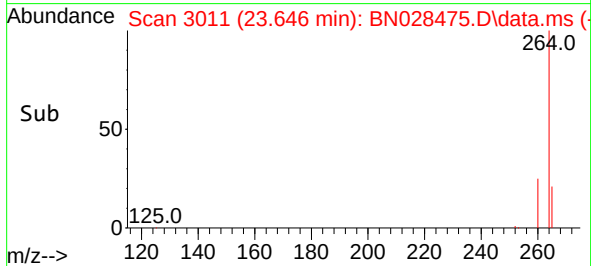
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-400-402



Tgt Ion:264 Resp: 32760
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.8 31.2
 265 38.0 21.7 32.5

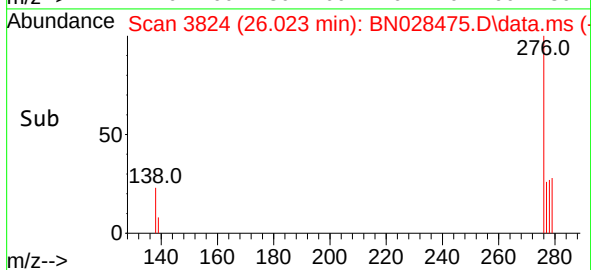
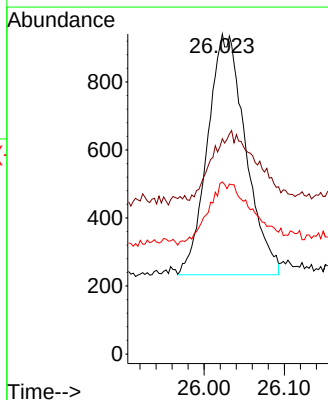
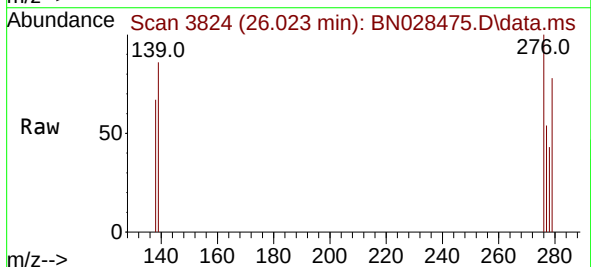
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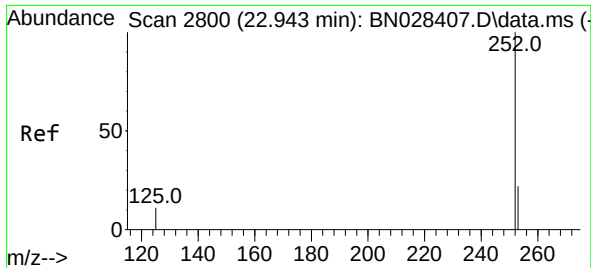
Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.066 ng m
 RT: 26.023 min Scan# 3824
 Delta R.T. 0.001 min
 Lab File: BN028475.D
 Acq: 04 Nov 2023 15:23

Tgt Ion:276 Resp: 2337
 Ion Ratio Lower Upper
 276 100
 138 35.1 24.1 36.1
 277 13.6 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.090 ng

RT: 22.944 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN028475.D

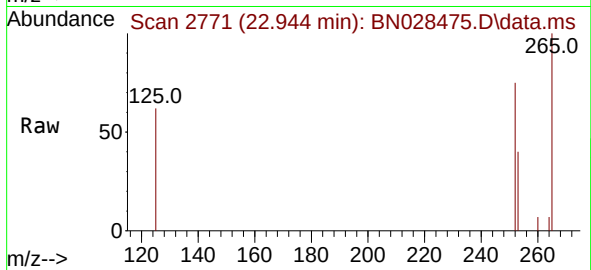
Acq: 04 Nov 2023 15:23

Instrument :

BNA_N

ClientSampleId :

BP-VPB-188-GW-400-402



Tgt Ion:252 Resp: 2935

Ion Ratio Lower Upper

252 100

253 54.1 18.2 27.4

125 83.0 10.0 15.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023

