

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033059.D
 Acq On : 28 Jul 2024 07:48
 Operator : MA/JU
 Sample : P3338-04
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-1000-1002

Quant Time: Jul 29 01:14:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 07/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	2909m	0.400	ng	0.04
7) Naphthalene-d8	10.319	136	10123	0.400	ng	# 0.02
13) Acenaphthene-d10	14.180	164	6138	0.400	ng	0.00
19) Phenanthrene-d10	16.945	188	13273	0.400	ng	# 0.00
29) Chrysene-d12	21.160	240	12367	0.400	ng	0.00
35) Perylene-d12	23.353	264	11769	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	1388m	0.189	ng	0.05
5) Phenol-d6	7.004	99	1232m	0.135	ng	0.23
8) Nitrobenzene-d5	8.867	82	2364m	0.310	ng	0.13
11) 2-Methylnaphthalene-d10	11.924	152	4328	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	703	0.268	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	6729	0.295	ng	0.00
27) Fluoranthene-d10	18.983	212	13214	0.385	ng	-0.01
31) Terphenyl-d14	19.568	244	10461	0.413	ng	-0.02
Target Compounds						Qvalue
25) Phenanthrene	16.995	178	1211	0.033	ng	95
28) Fluoranthene	19.015	202	2086	0.048	ng	# 62
30) Pyrene	19.382	202	1773	0.035	ng	97
34) Bis(2-ethylhexyl)phtha...	21.026	149	33845m	1.563	ng	

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

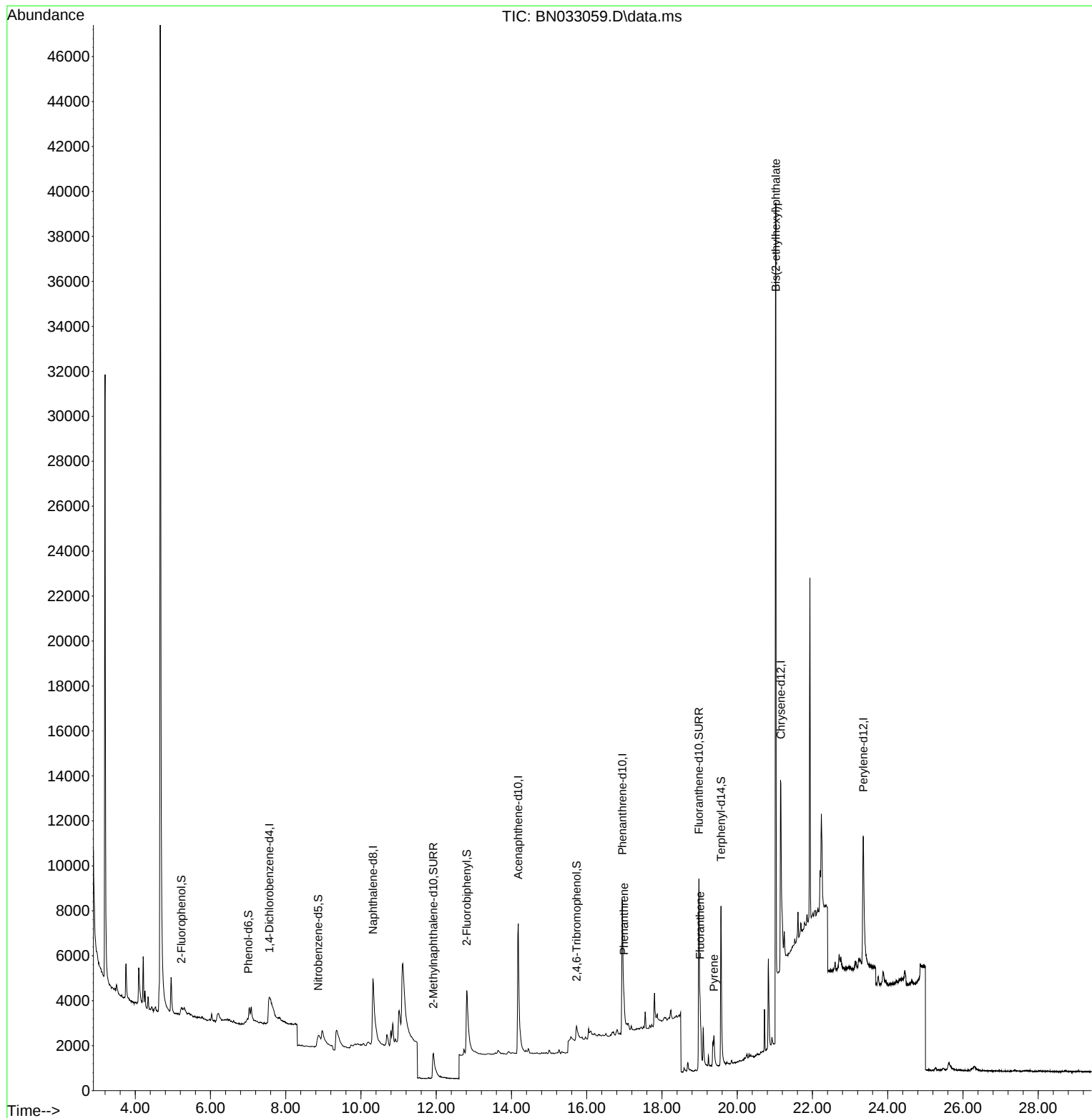
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033059.D
Acq On : 28 Jul 2024 07:48
Operator : MA/JU
Sample : P3338-04
Misc :
ALS Vial : 76 Sample Multiplier: 1

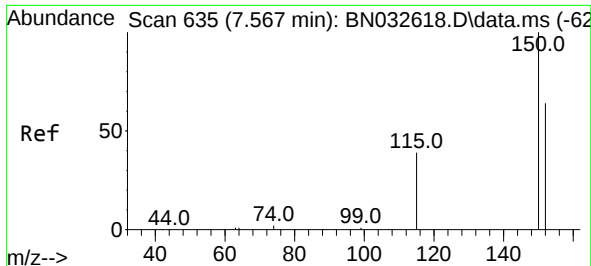
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

Manual Integrations
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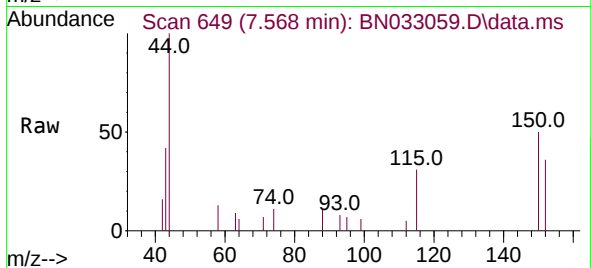
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.568 min Scan# 649
Delta R.T. 0.037 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

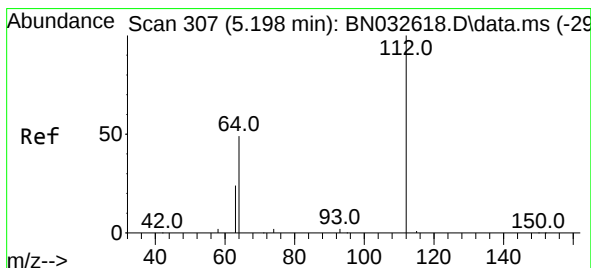
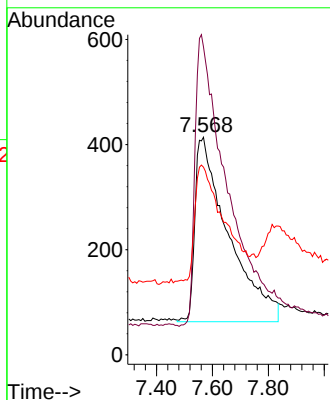
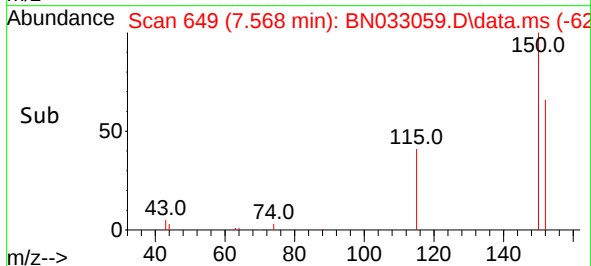
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002



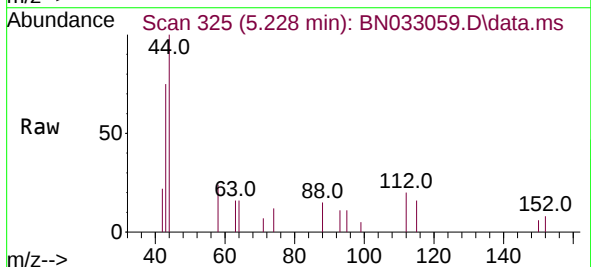
Tgt Ion:152 Resp: 2909
Ion Ratio Lower Upper
152 100
150 141.5 123.8 185.6
115 86.2 52.8 79.2

Manual Integrations
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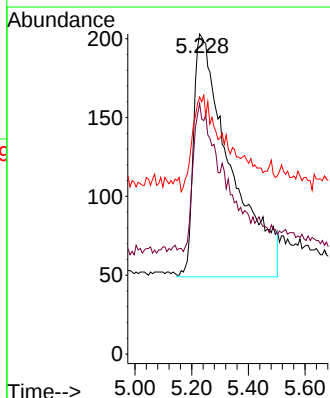
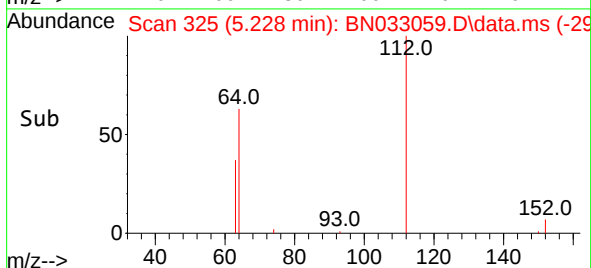
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

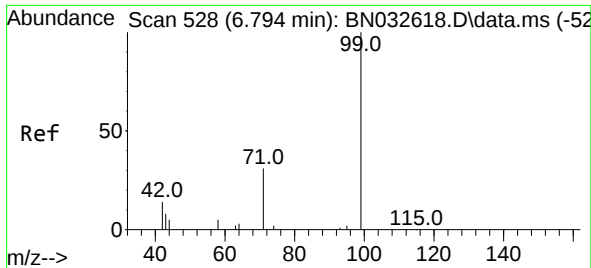


#4
2-Fluorophenol
Concen: 0.189 ng m
RT: 5.228 min Scan# 325
Delta R.T. 0.052 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48



Tgt Ion:112 Resp: 1388
Ion Ratio Lower Upper
112 100
64 33.9 40.2 60.4
63 23.1 22.2 33.4





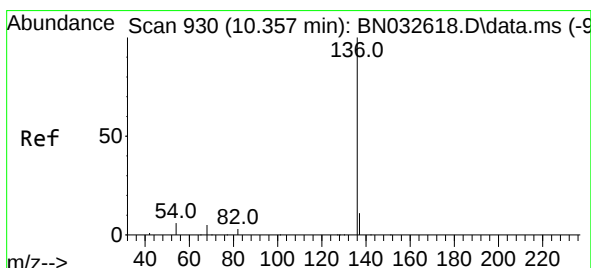
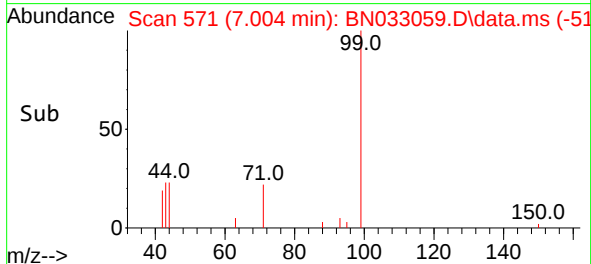
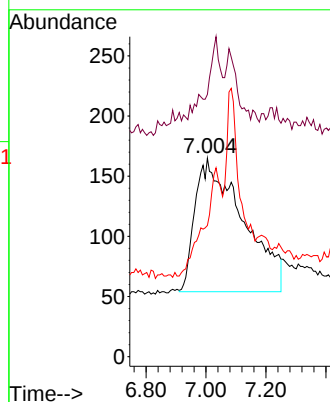
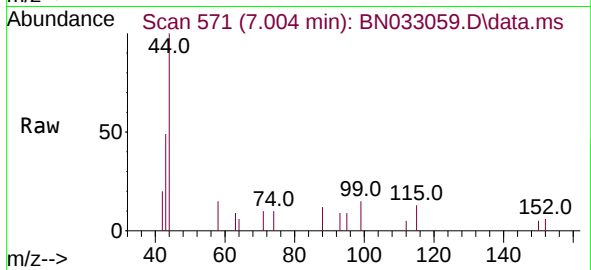
#5
Phenol-d6
Concen: 0.135 ng m
RT: 7.004 min Scan# 51
Delta R.T. 0.225 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

Tgt Ion: 99 Resp: 123
Ion Ratio Lower Upper
99 100
42 3.5 10.5 15.7
71 0.0 22.3 33.5

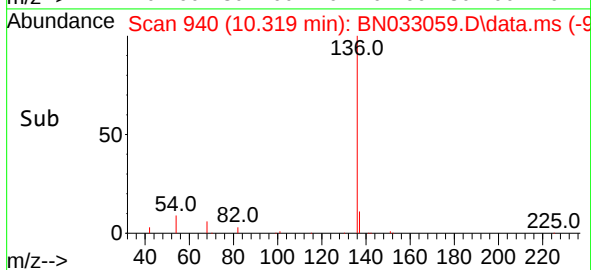
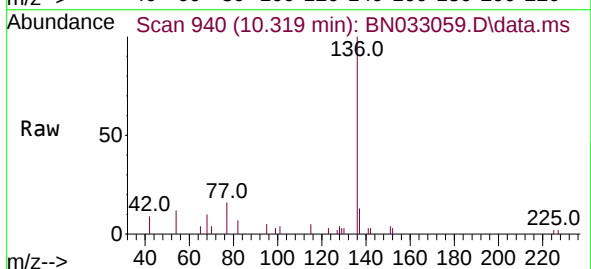
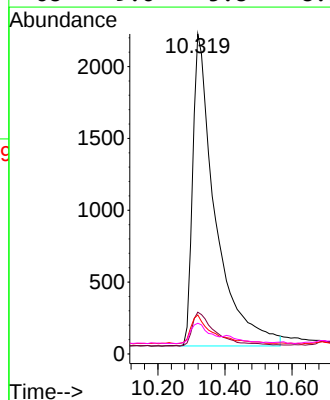
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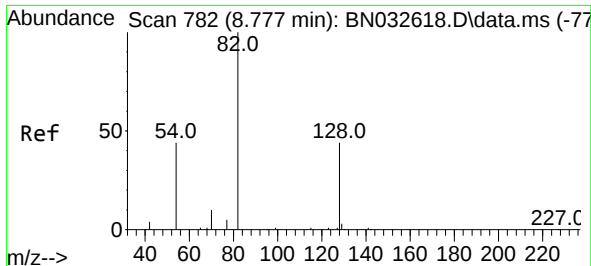
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 940
Delta R.T. 0.015 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

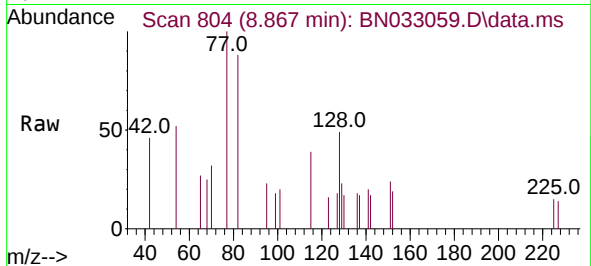
Tgt Ion:136 Resp: 10123
Ion Ratio Lower Upper
136 100
137 13.0 9.9 14.9
54 12.2 6.5 9.7#
68 9.6 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.310 ng m
RT: 8.867 min Scan# 804
Delta R.T. 0.133 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

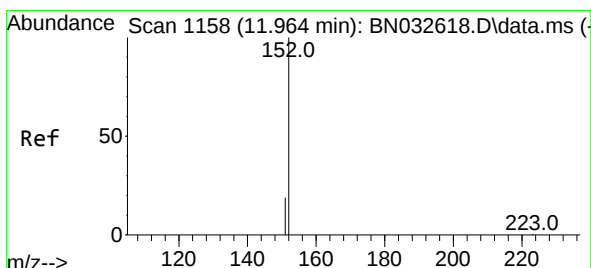
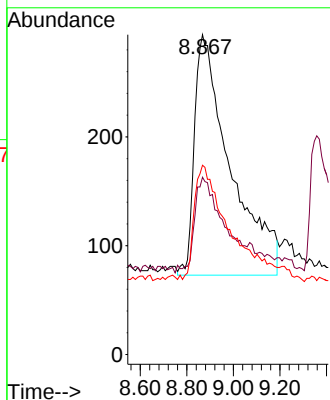
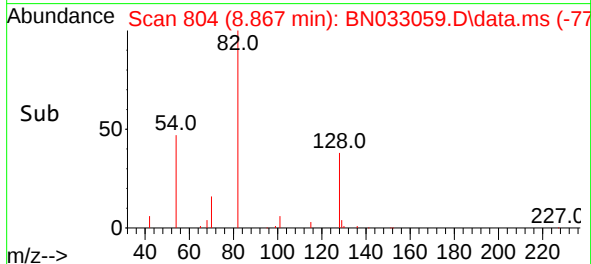
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002



Tgt Ion: 82 Resp: 2364
Ion Ratio Lower Upper
82 100
128 55.4 41.7 62.5
54 59.2 39.5 59.3

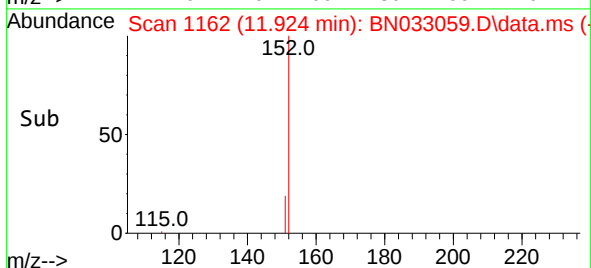
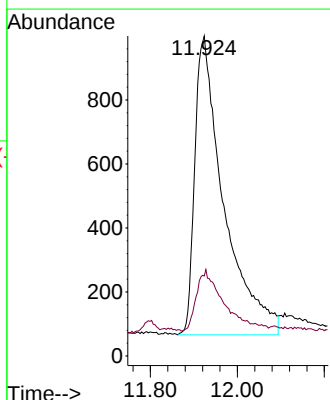
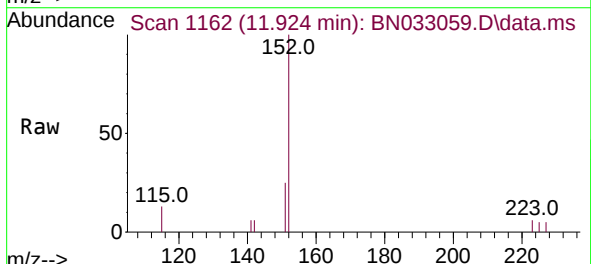
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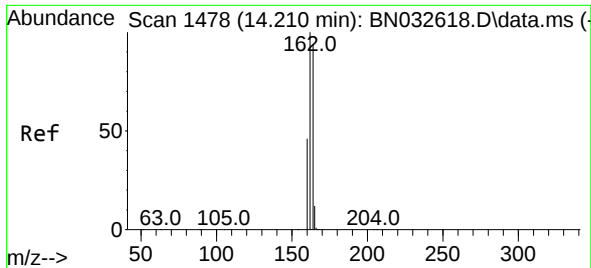
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 11.924 min Scan# 1162
Delta R.T. 0.009 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

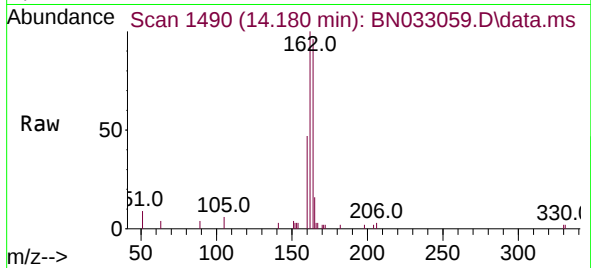
Tgt Ion:152 Resp: 4328
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.180 min Scan# 1478
Delta R.T. 0.002 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

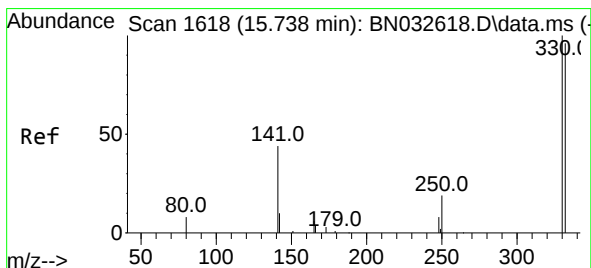
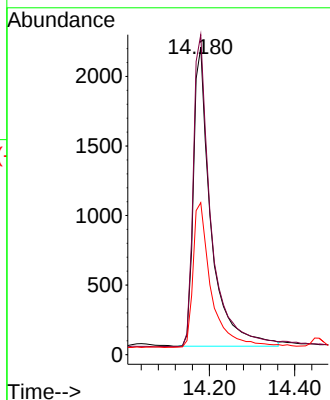
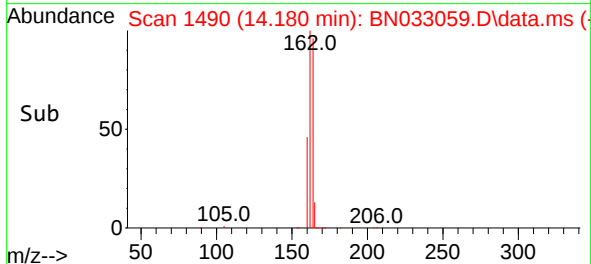
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ClientSampleId :
BP-VPB-196-GW-1000-1002



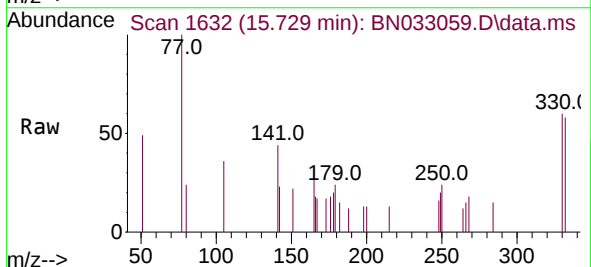
Tgt Ion:164 Resp: 6138
Ion Ratio Lower Upper
164 100
162 104.1 85.0 127.4
160 49.4 39.4 59.2

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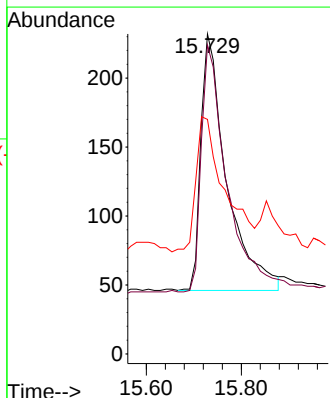
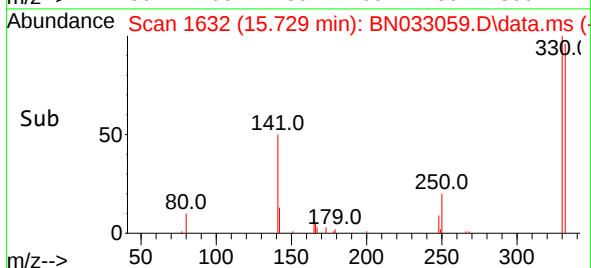
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

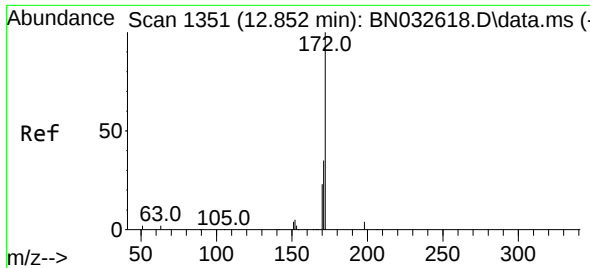


#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.729 min Scan# 1632
Delta R.T. 0.003 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48



Tgt Ion:330 Resp: 703
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 58.7 34.2 51.2#





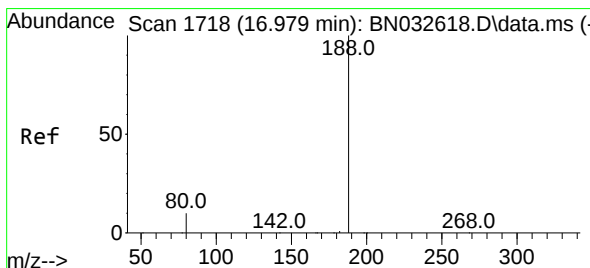
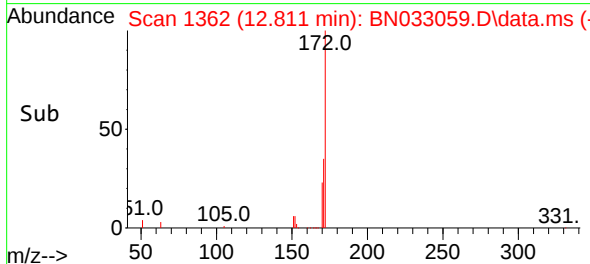
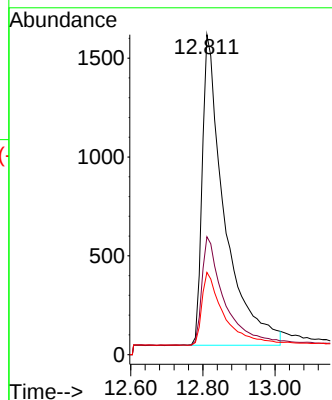
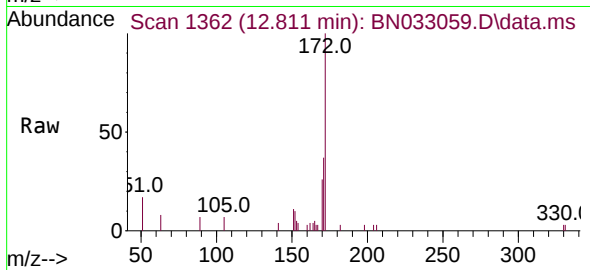
#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.811 min Scan# 11
Delta R.T. 0.002 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

Tgt Ion:172 Resp: 6729
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 25.7 19.0 28.6

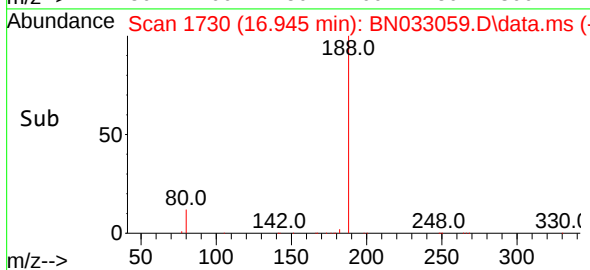
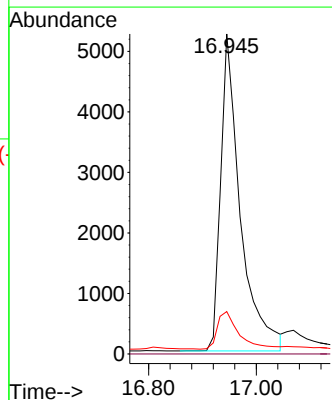
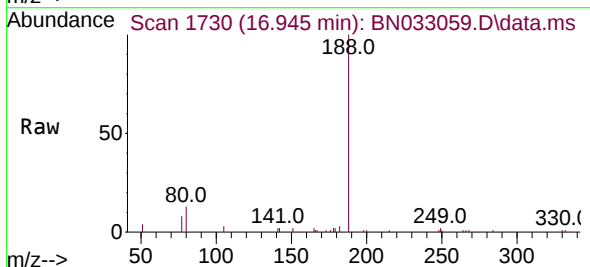
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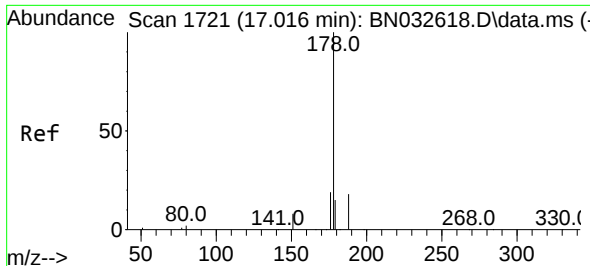
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.945 min Scan# 1730
Delta R.T. -0.009 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

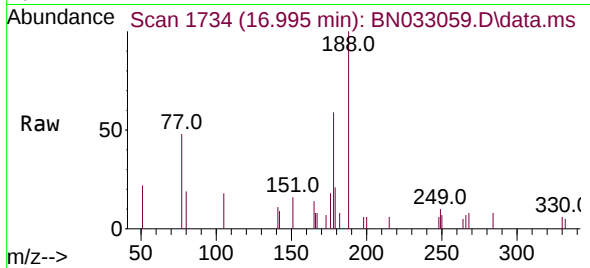
Tgt Ion:188 Resp: 13273
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 8.8 13.2#





#25
Phenanthrene
Concen: 0.033 ng
RT: 16.995 min Scan# 1721
Delta R.T. 0.003 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

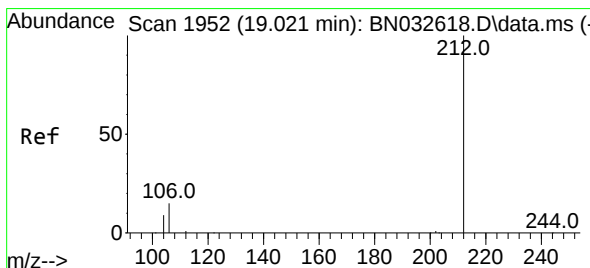
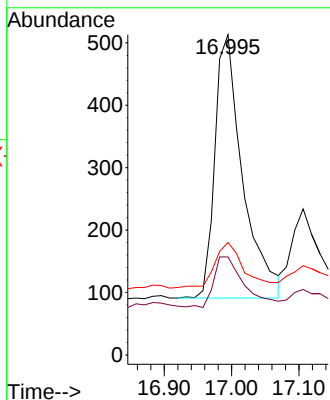
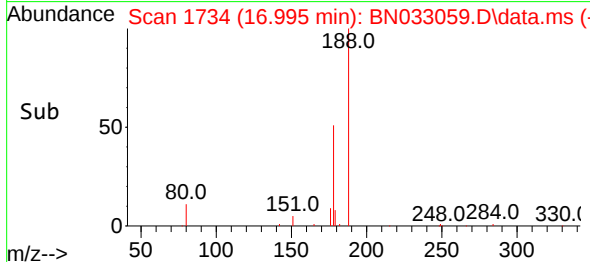
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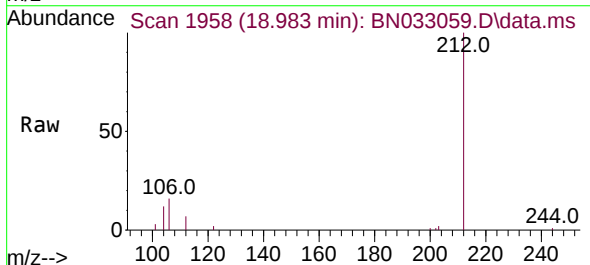
Tgt Ion:178 Resp: 121
Ion Ratio Lower Upper
178 100
176 20.6 15.1 22.7
179 17.7 12.2 18.4

Manual Integrations
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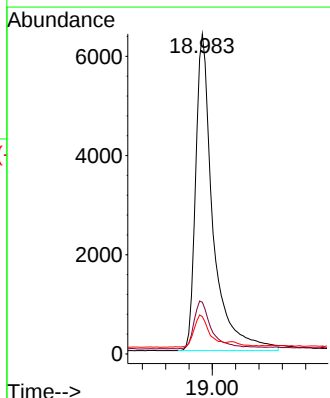
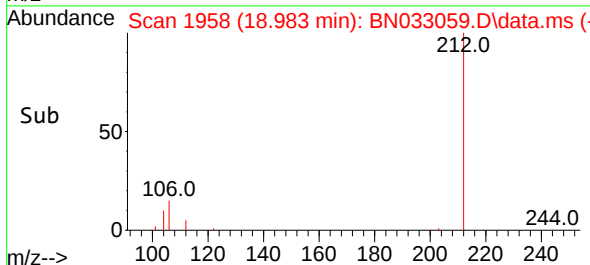
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

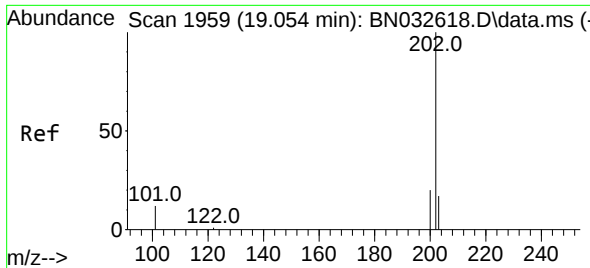


#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.983 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48



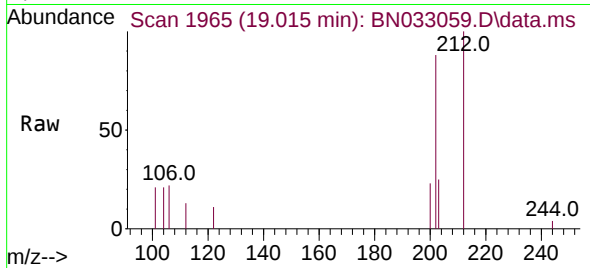
Tgt Ion:212 Resp: 13214
Ion Ratio Lower Upper
212 100
106 15.8 11.9 17.9
104 9.0 6.9 10.3





#28
Fluoranthene
Concen: 0.048 ng
RT: 19.015 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

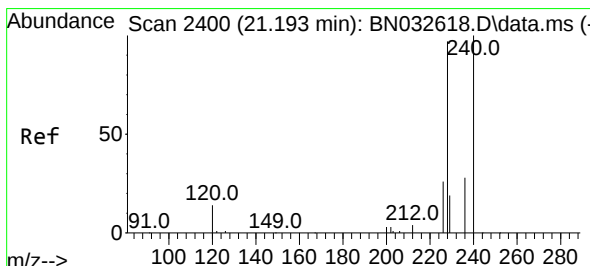
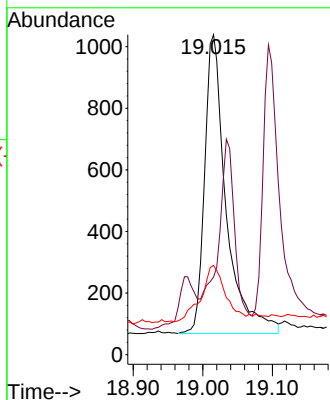
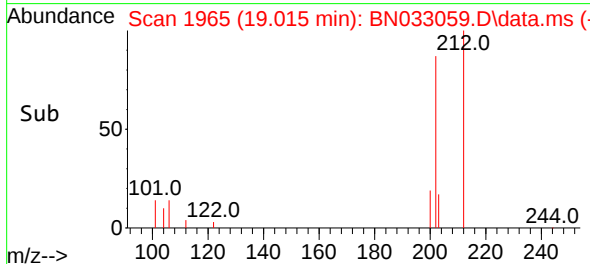
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002



Tgt Ion:202 Resp: 2080
Ion Ratio Lower Upper
202 100
101 42.1 9.6 14.4
203 21.4 13.8 20.6

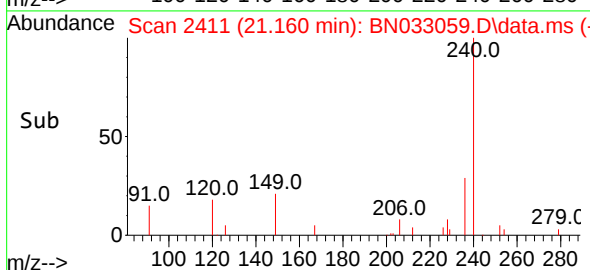
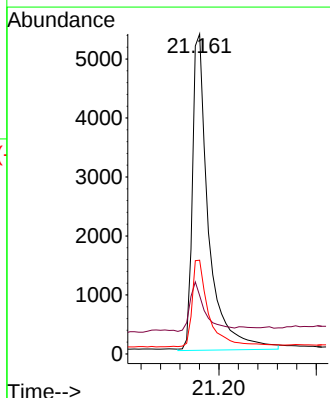
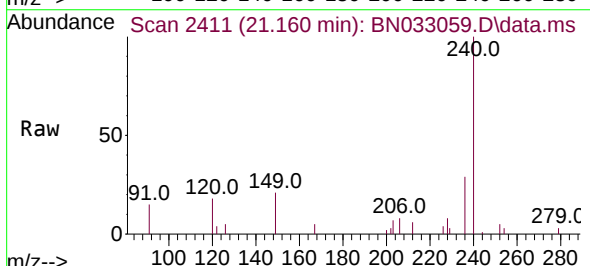
Manual Integrations
APPROVED

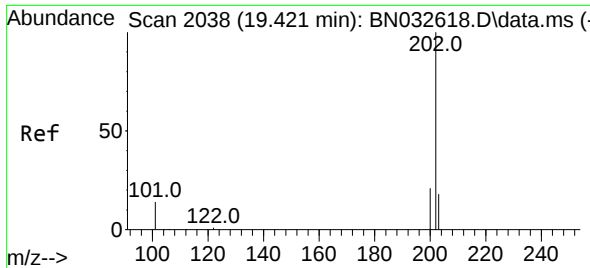
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Tgt Ion:240 Resp: 12367
Ion Ratio Lower Upper
240 100
120 18.3 14.8 22.2
236 29.3 23.3 34.9





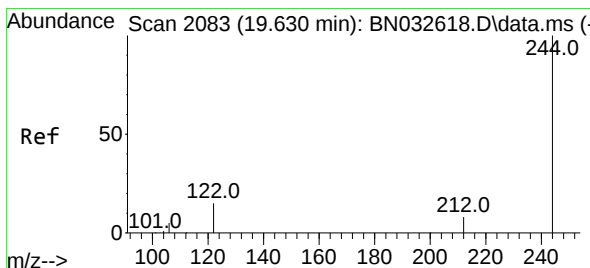
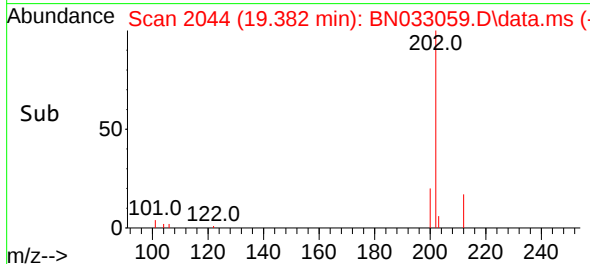
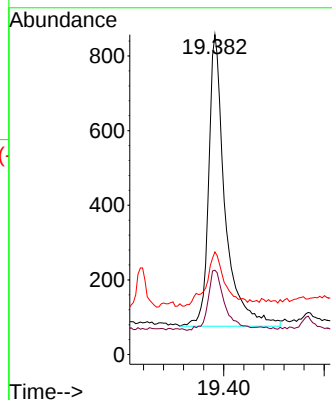
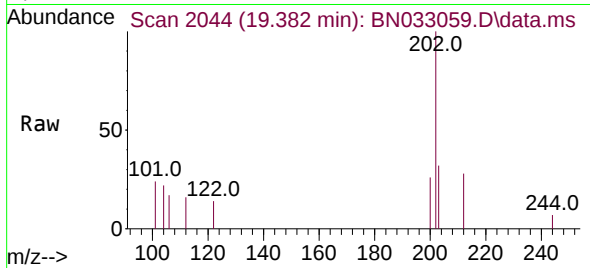
#30
Pyrene
Concen: 0.035 ng
RT: 19.382 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

Tgt Ion:	202	Resp:	177
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.6	25.0
203	21.0	14.8	22.2

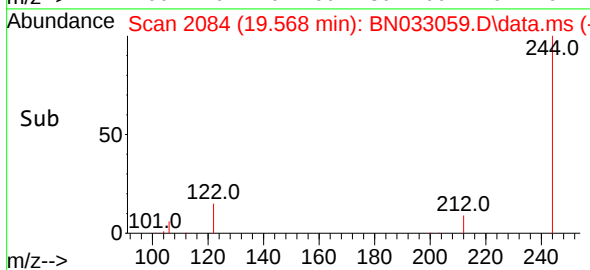
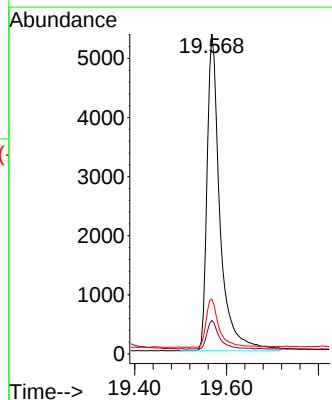
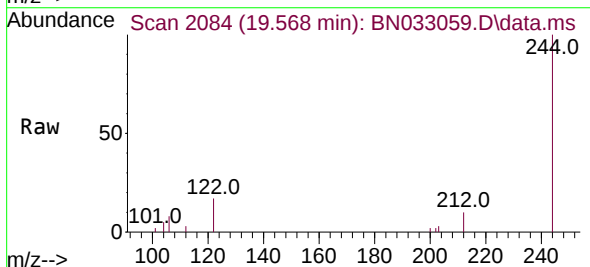
Manual Integrations
APPROVED

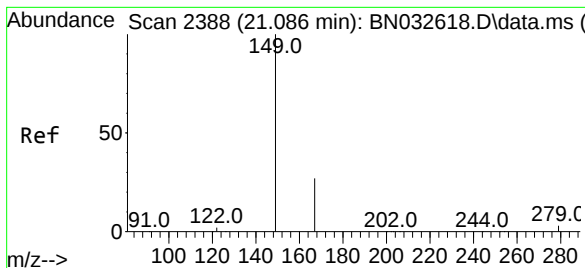
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.568 min Scan# 2084
Delta R.T. -0.025 min
Lab File: BN033059.D
Acq: 28 Jul 2024 07:48

Tgt Ion:	244	Resp:	10461
Ion Ratio	Lower	Upper	
244	100		
212	10.5	7.5	11.3
122	17.2	12.6	19.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 1.563 ng m

RT: 21.026 min Scan# 21026

Delta R.T. -0.024 min

Lab File: BN033059.D

Acq: 28 Jul 2024 07:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-1000-1002

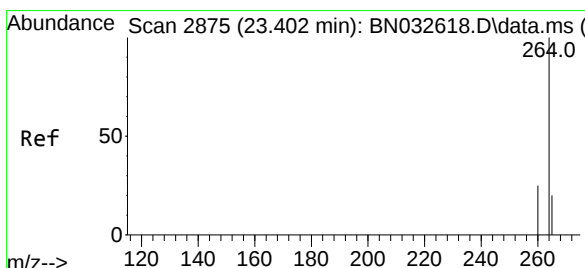
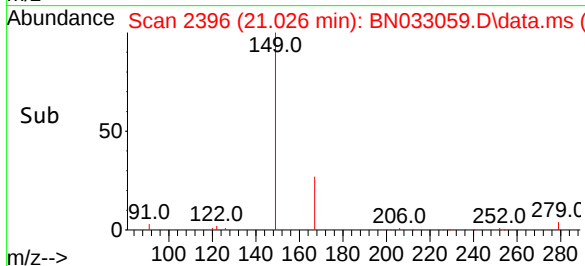
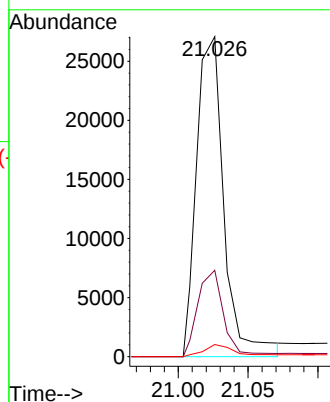
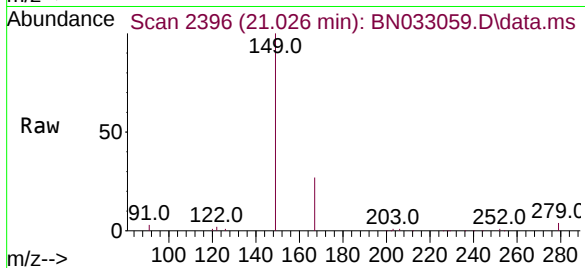
Tgt Ion:149 Resp: 3384

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.4	32.2
279	4.8	2.8	4.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.353 min Scan# 2874

Delta R.T. -0.006 min

Lab File: BN033059.D

Acq: 28 Jul 2024 07:48

Tgt Ion:264 Resp: 11769

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.9	31.3
265	94.9	85.4	128.2

