

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033044.D
 Acq On : 27 Jul 2024 22:03
 Operator : MA/JU
 Sample : P3299-02
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20240717

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 01:08:37 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	2399m	0.400	ng	0.04
7) Naphthalene-d8	10.415	136	9498m	0.400	ng	0.11
13) Acenaphthene-d10	14.201	164	6774	0.400	ng	0.02
19) Phenanthrene-d10	16.970	188	14503	0.400	ng	0.02
29) Chrysene-d12	21.169	240	13989	0.400	ng	0.00
35) Perylene-d12	23.356	264	14264	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.249	112	1126m	0.186	ng	0.07
5) Phenol-d6	7.106	99	1080m	0.143	ng	0.33
8) Nitrobenzene-d5	8.995	82	1731m	0.242	ng	0.26
11) 2-Methylnaphthalene-d10	12.014	152	3776m	0.260	ng	0.10
14) 2,4,6-Tribromophenol	15.766	330	539	0.186	ng	0.04
15) 2-Fluorobiphenyl	12.865	172	5706m	0.226	ng	0.05
27) Fluoranthene-d10	18.983	212	13013	0.347	ng	-0.01
31) Terphenyl-d14	19.568	244	11918	0.416	ng	-0.02

Target Compounds Qvalue

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

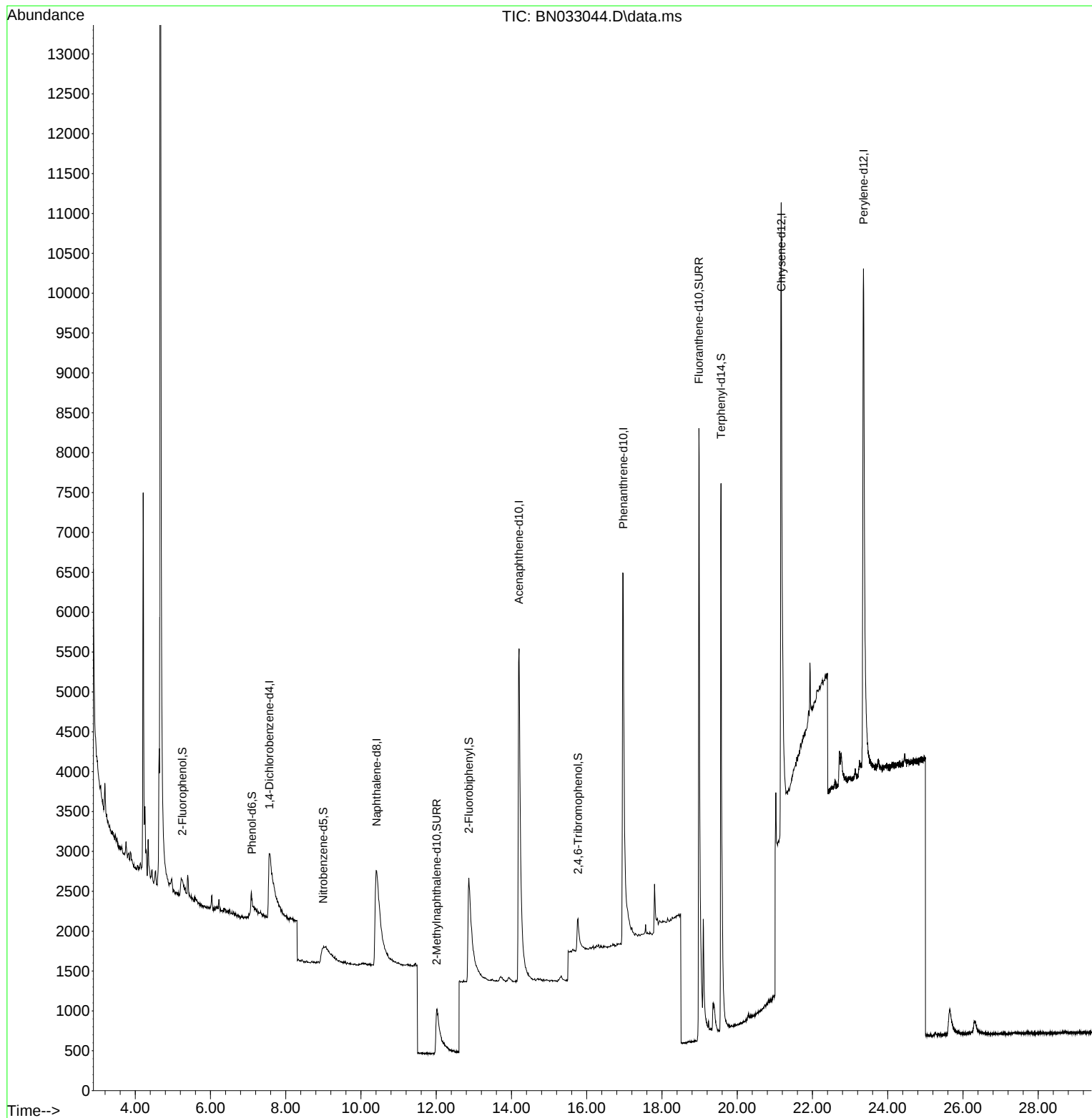
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033044.D
Acq On : 27 Jul 2024 22:03
Operator : MA/JU
Sample : P3299-02
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-201-20240717

Quant Time: Jul 29 01:08:37 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

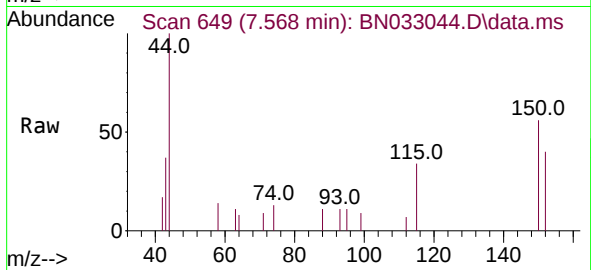
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.568 min Scan# 649
Delta R.T. 0.037 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

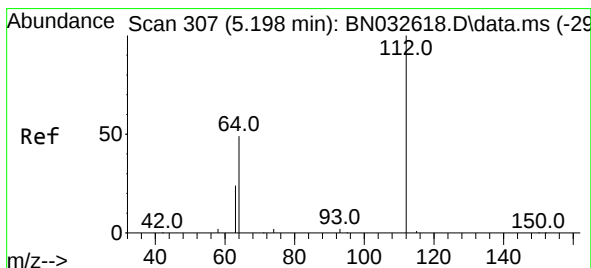
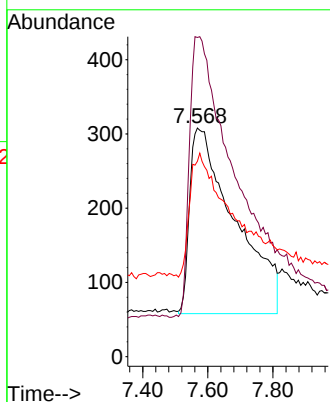
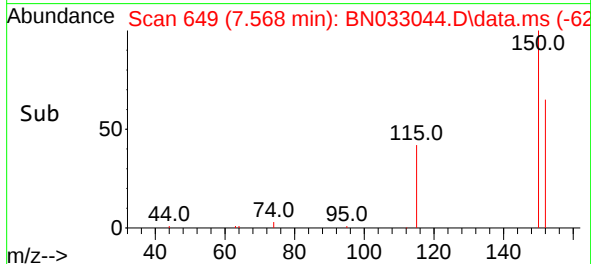
Instrument :
BNA_N
ClientSampleId :
SP-201-20240717



Tgt Ion:152 Resp: 2399
Ion Ratio Lower Upper
152 100
150 139.6 123.8 185.6
115 85.4 52.8 79.2

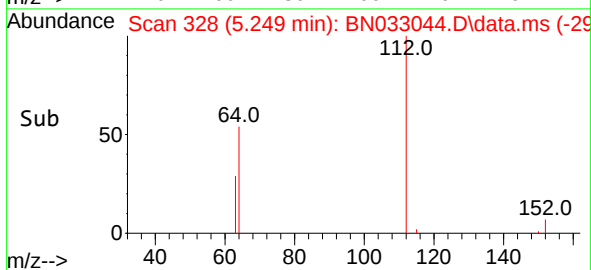
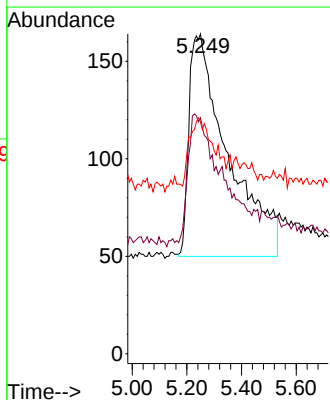
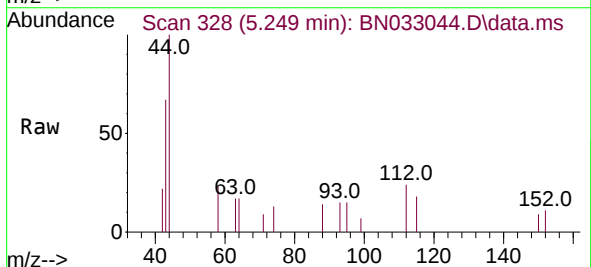
Manual Integrations
APPROVED

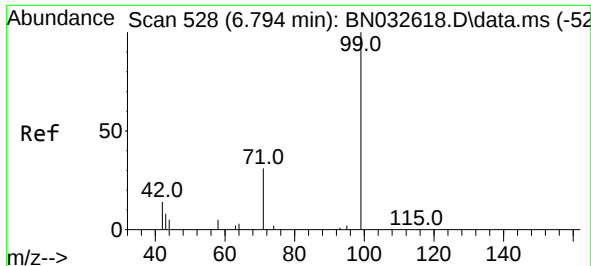
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#4
2-Fluorophenol
Concen: 0.186 ng m
RT: 5.249 min Scan# 328
Delta R.T. 0.073 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

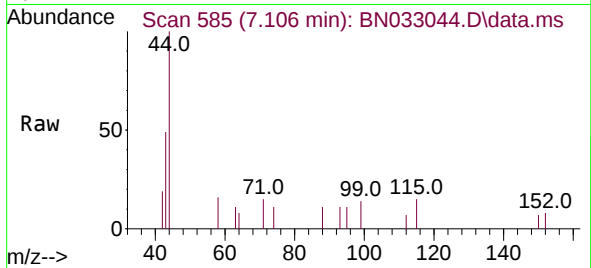
Tgt Ion:112 Resp: 1126
Ion Ratio Lower Upper
112 100
64 0.0 40.2 60.4#
63 16.2 22.2 33.4#





#5
Phenol-d6
Concen: 0.143 ng m
RT: 7.106 min Scan# 51
Delta R.T. 0.326 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

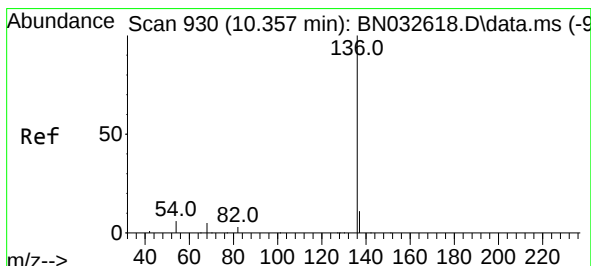
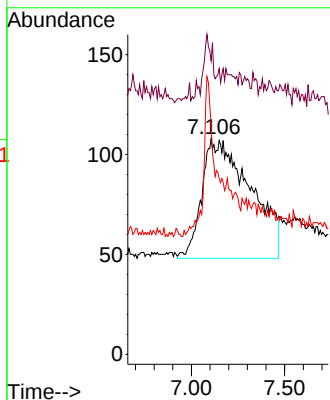
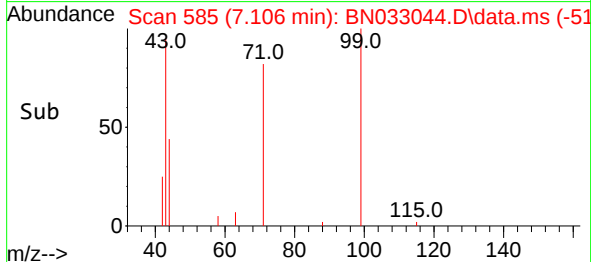
Instrument :
BNA_N
ClientSampleId :
SP-201-20240717



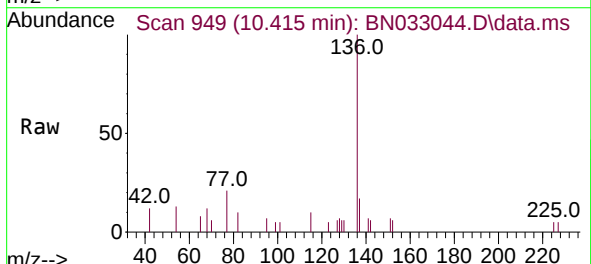
Tgt Ion: 99 Resp: 1080
Ion Ratio Lower Upper
99 100
42 0.7 10.5 15.7
71 0.1 22.3 33.5

Manual Integrations
APPROVED

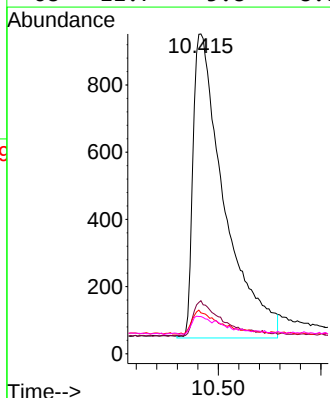
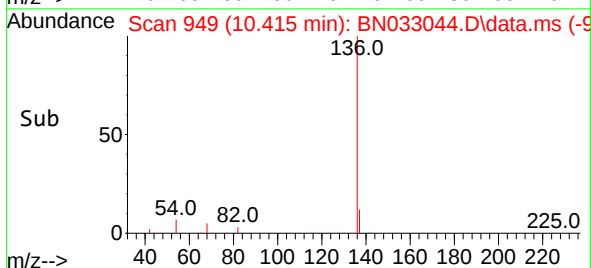
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

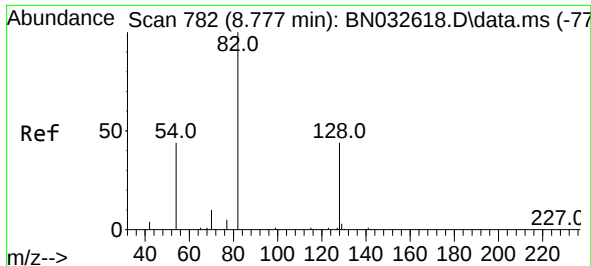


#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.415 min Scan# 949
Delta R.T. 0.111 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03



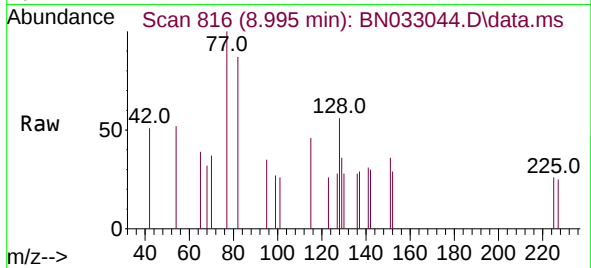
Tgt Ion:136 Resp: 9498
Ion Ratio Lower Upper
136 100
137 16.6 9.9 14.9#
54 12.8 6.5 9.7#
68 11.7 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.242 ng m
RT: 8.995 min Scan# 816
Delta R.T. 0.261 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

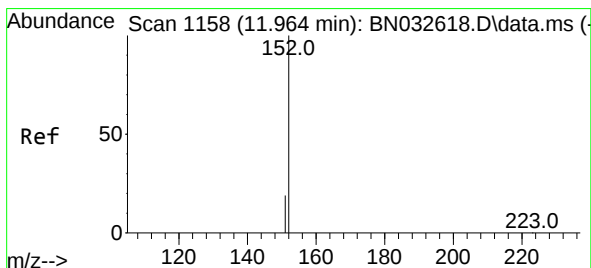
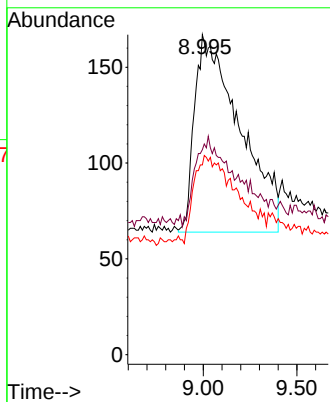
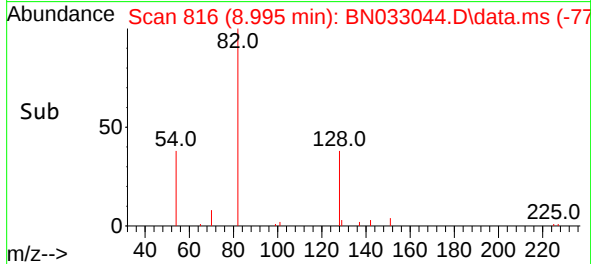
Instrument :
BNA_N
ClientSampleId :
SP-201-20240717



Tgt Ion: 82 Resp: 173
Ion Ratio Lower Upper
82 100
128 64.1 41.7 62.5
54 59.3 39.5 59.3

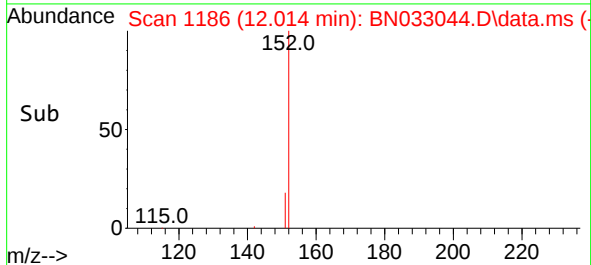
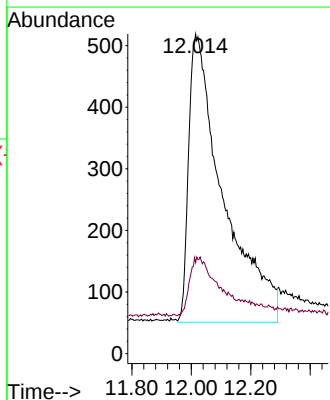
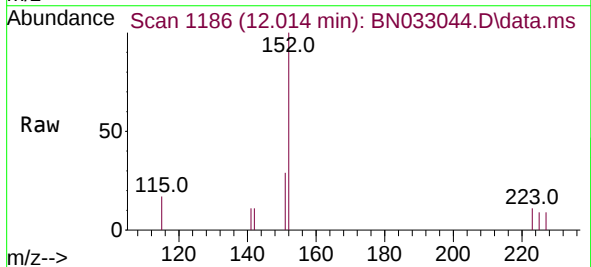
Manual Integrations
APPROVED

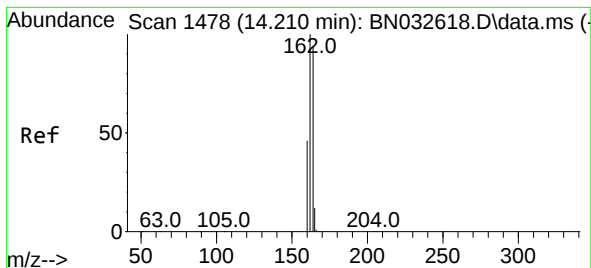
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#11
2-Methylnaphthalene-d10
Concen: 0.260 ng m
RT: 12.014 min Scan# 1186
Delta R.T. 0.100 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

Tgt Ion:152 Resp: 3776
Ion Ratio Lower Upper
152 100
151 14.6 16.2 24.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.201 min Scan# 1478

Delta R.T. 0.023 min

Lab File: BN033044.D

Acq: 27 Jul 2024 22:03

Instrument :

BNA_N

ClientSampleId :

SP-201-20240717

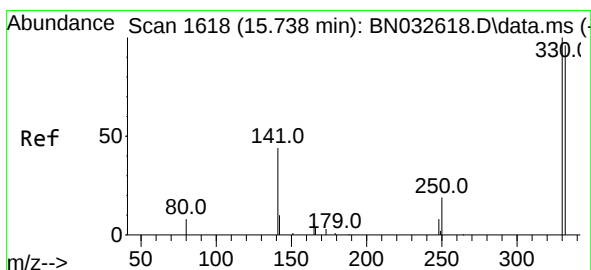
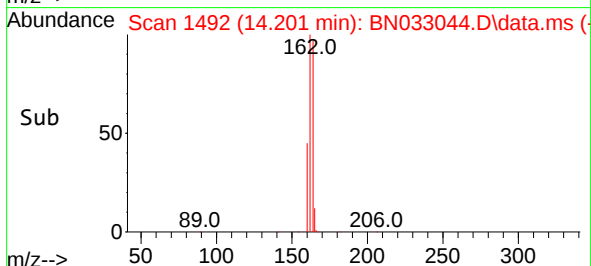
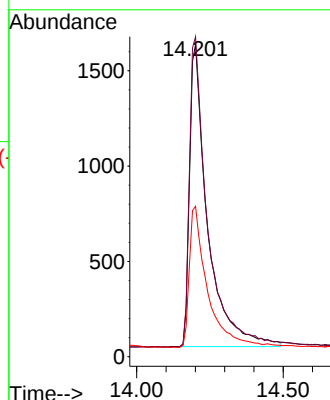
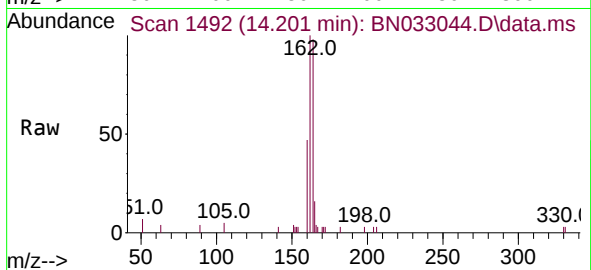
Tgt Ion:164 Resp: 6774

Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.0	127.4
160	48.2	39.4	59.2

Manual Integrations

APPROVED

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



#14

2,4,6-Tribromophenol

Concen: 0.186 ng

RT: 15.766 min Scan# 1635

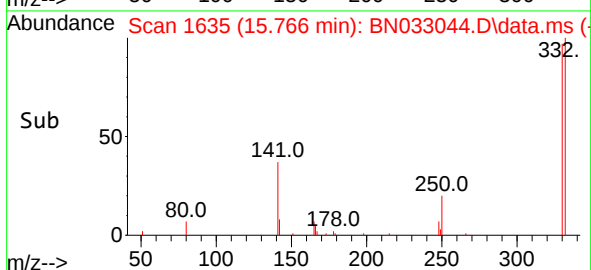
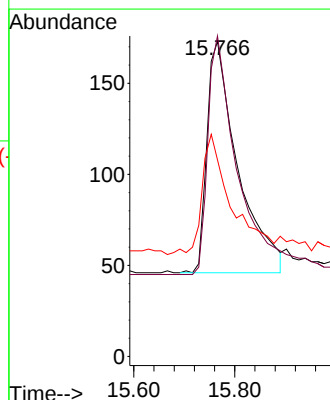
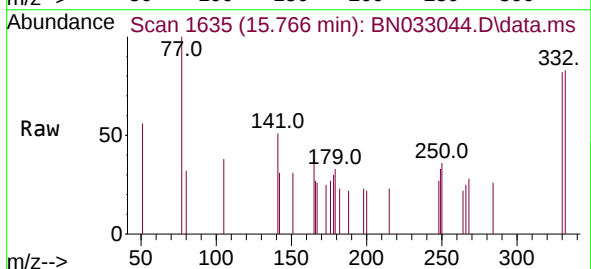
Delta R.T. 0.040 min

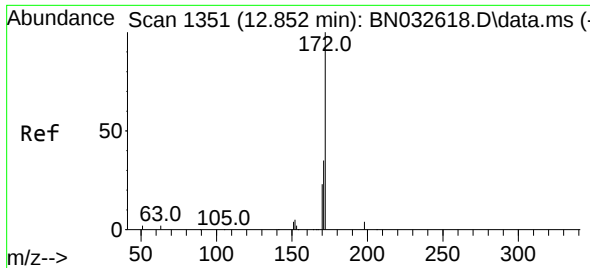
Lab File: BN033044.D

Acq: 27 Jul 2024 22:03

Tgt Ion:330 Resp: 539

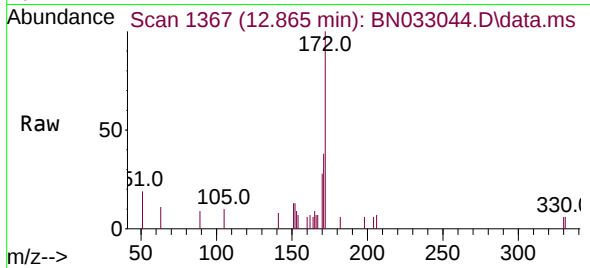
Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.8	116.8
141	47.3	34.2	51.2





#15
2-Fluorobiphenyl
Concen: 0.226 ng m
RT: 12.865 min Scan# 11
Delta R.T. 0.055 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

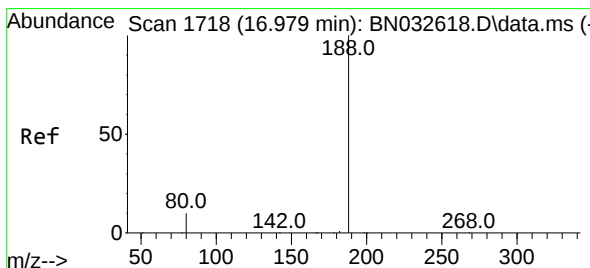
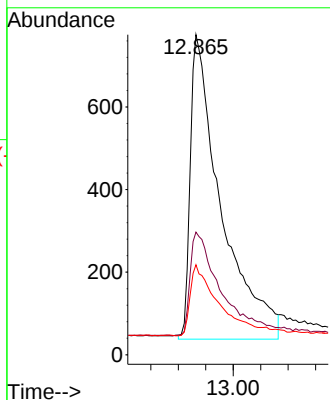
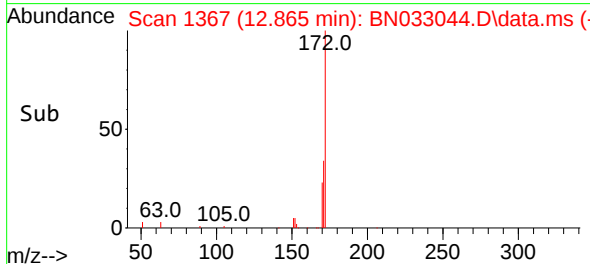
Instrument :
BNA_N
ClientSampleId :
SP-201-20240717



Tgt Ion:172 Resp: 5700
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 28.1 19.0 28.6

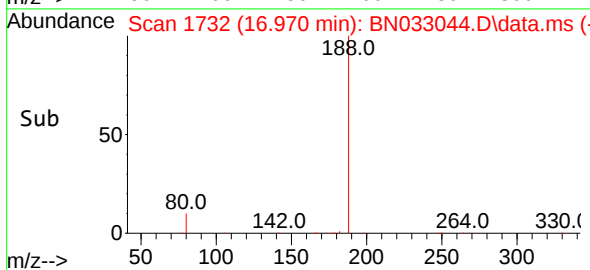
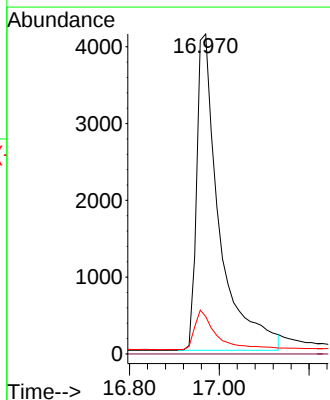
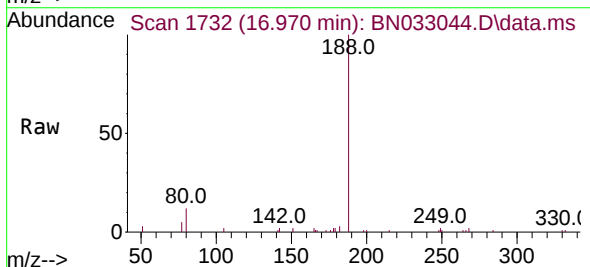
Manual Integrations
APPROVED

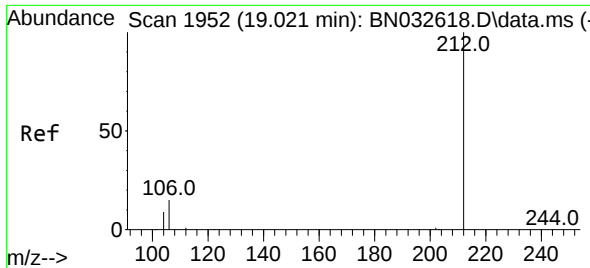
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1732
Delta R.T. 0.016 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

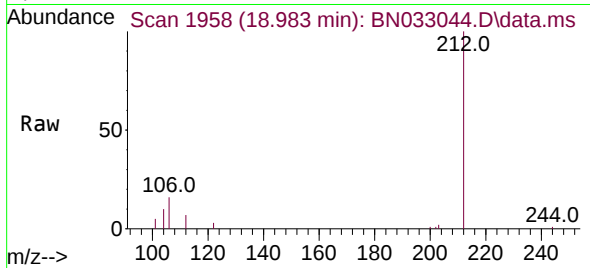
Tgt Ion:188 Resp: 14503
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 8.8 13.2





#27
Fluoranthene-d10
Concen: 0.347 ng
RT: 18.983 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

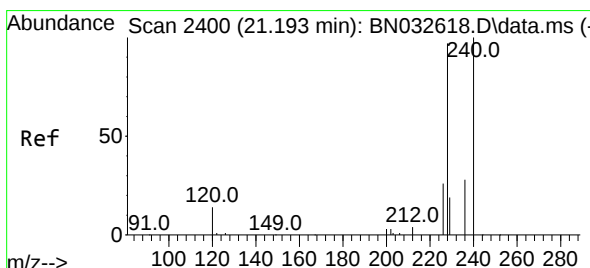
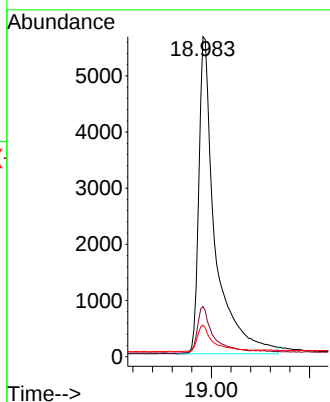
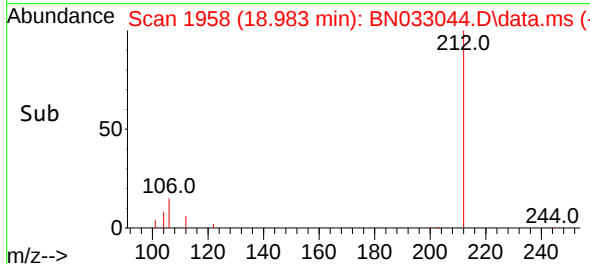
Instrument :
BNA_N
ClientSampleId :
SP-201-20240717



Tgt Ion:212 Resp: 1301
Ion Ratio Lower Upper
212 100
106 14.5 11.9 17.9
104 8.2 6.9 10.3

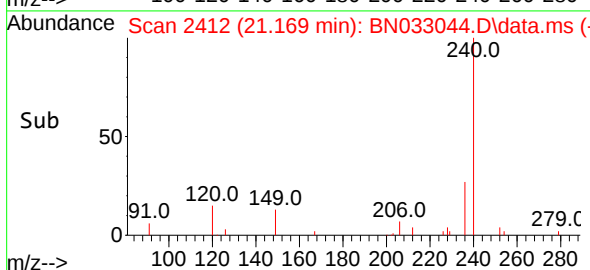
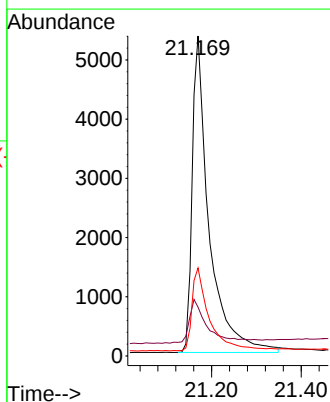
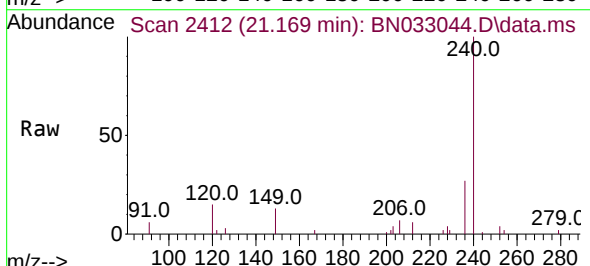
Manual Integrations
APPROVED

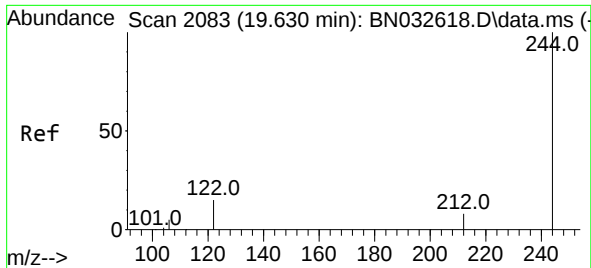
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.169 min Scan# 2412
Delta R.T. 0.003 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

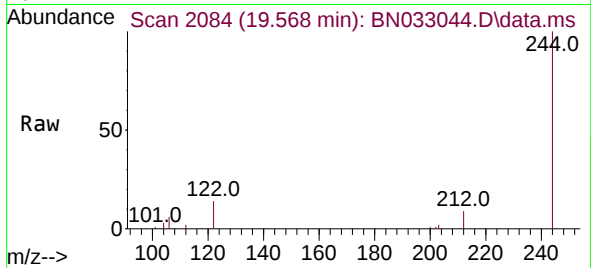
Tgt Ion:240 Resp: 13989
Ion Ratio Lower Upper
240 100
120 15.2 14.8 22.2
236 27.5 23.3 34.9





#31
Terphenyl-d14
Concen: 0.416 ng
RT: 19.568 min Scan# 2083
Delta R.T. -0.025 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

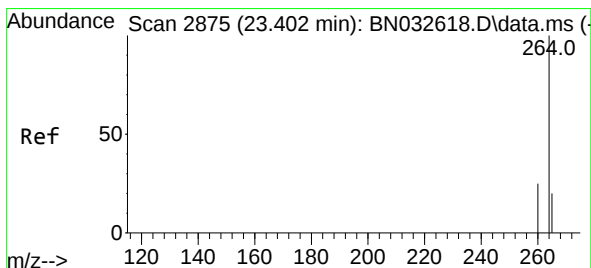
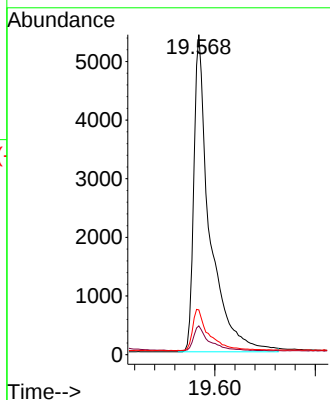
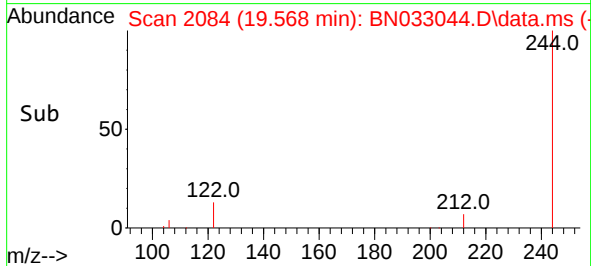
Instrument :
BNA_N
ClientSampleId :
SP-201-20240717



Tgt Ion:244 Resp: 11918
Ion Ratio Lower Upper
244 100
212 9.0 7.5 11.3
122 14.0 12.6 19.0

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: 23.356 min Scan# 2875
Delta R.T. -0.003 min
Lab File: BN033044.D
Acq: 27 Jul 2024 22:03

Tgt Ion:264 Resp: 14264
Ion Ratio Lower Upper
264 100
260 25.5 20.9 31.3
265 75.9 85.4 128.2#

