

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033046.D
 Acq On : 27 Jul 2024 23:16
 Operator : MA/JU
 Sample : P3307-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240717

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 03:13:40 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	7.517	152	4701	0.400	ng	-0.01
7) Naphthalene-d8	10.319	136	16790	0.400	ng	0.02
13) Acenaphthene-d10	14.169	164	12494	0.400	ng	0.00
19) Phenanthrene-d10	16.945	188	27585	0.400	ng	0.00
29) Chrysene-d12	21.151	240	27213	0.400	ng	#-0.01
35) Perylene-d12	23.335	264	24611	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	157	0.013	ng	0.05
5) Phenol-d6	6.910	99	71m	0.005	ng	0.13
8) Nitrobenzene-d5	8.845	82	3056m	0.242	ng	0.11
11) 2-Methylnaphthalene-d10	11.958	152	298m	0.012	ng	0.04
14) 2,4,6-Tribromophenol	15.753	330	87	0.016	ng	0.03
15) 2-Fluorobiphenyl	12.800	172	8264	0.178	ng	0.00
27) Fluoranthene-d10	18.987	212	10763	0.151	ng	0.00
31) Terphenyl-d14	19.568	244	14086	0.253	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.090	88	3229	0.554	ng	# 80

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

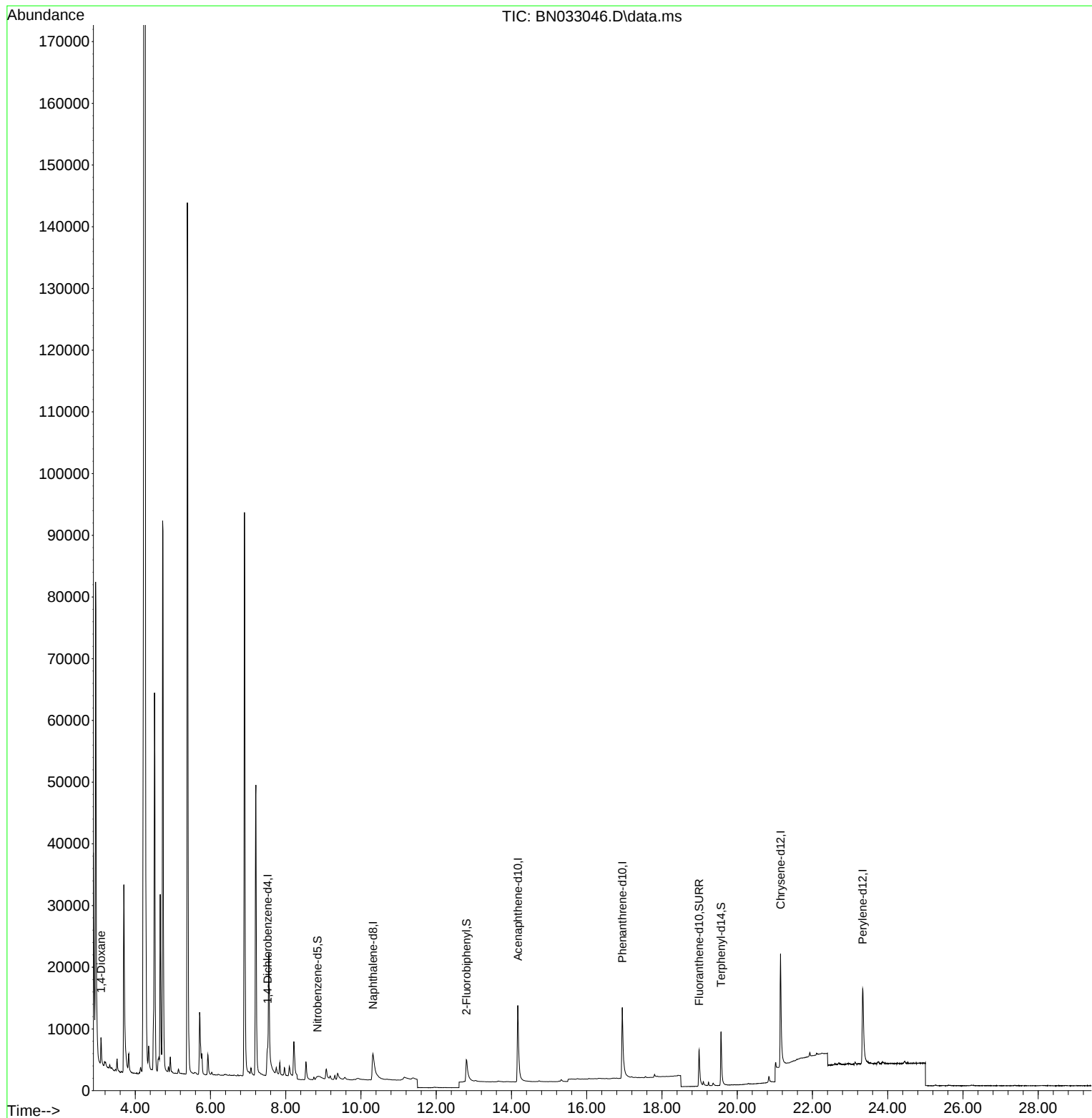
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033046.D
Acq On : 27 Jul 2024 23:16
Operator : MA/JU
Sample : P3307-02
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ALS Vial : 62 Sample Multiplier: 1

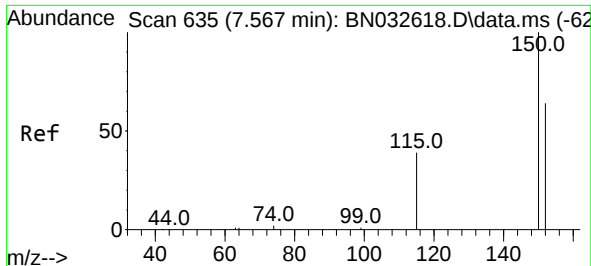
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717

Quant Time: Jul 29 03:13:40 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
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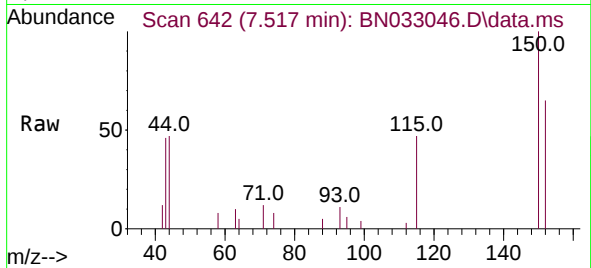
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.517 min Scan# 642
Delta R.T. -0.014 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

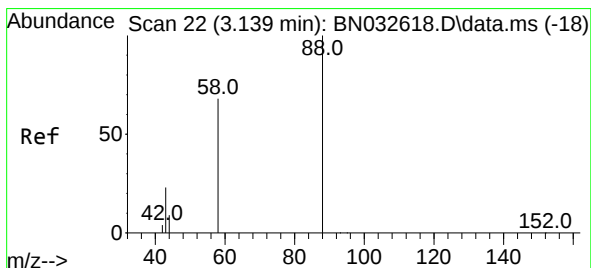
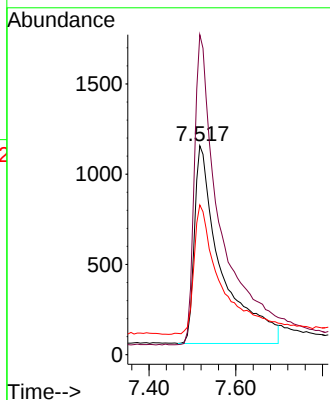
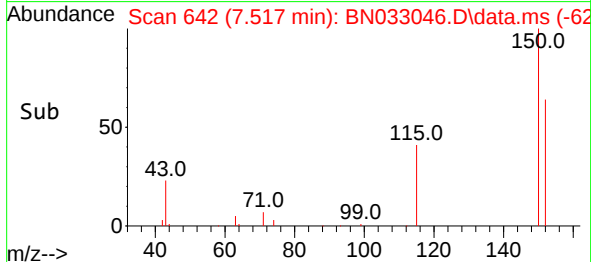
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717



Tgt Ion:152 Resp: 470
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 71.7 52.8 79.2

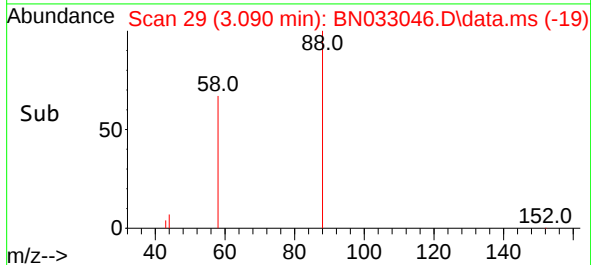
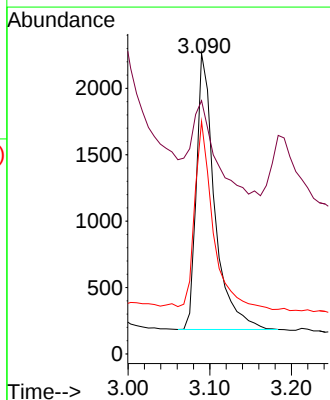
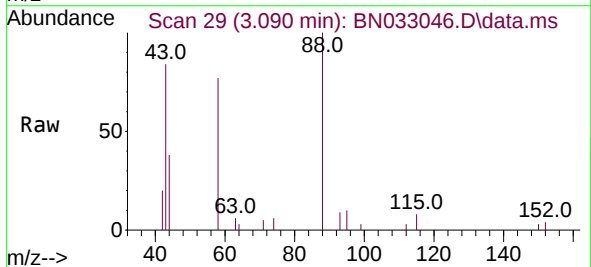
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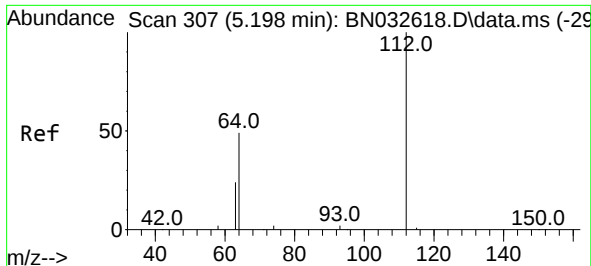
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#2
1,4-Dioxane
Concen: 0.554 ng
RT: 3.090 min Scan# 29
Delta R.T. -0.028 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Tgt Ion: 88 Resp: 3229
Ion Ratio Lower Upper
88 100
43 46.3 18.4 27.6#
58 68.8 49.2 73.8





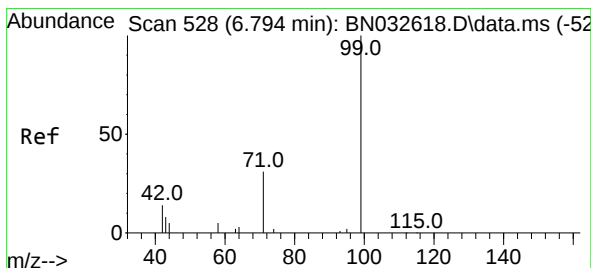
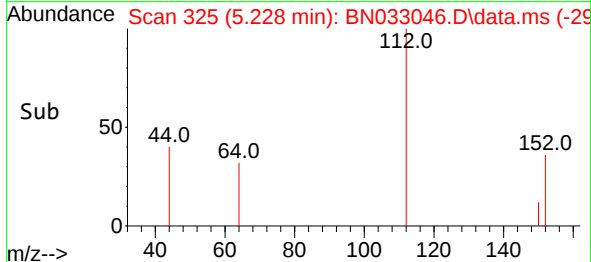
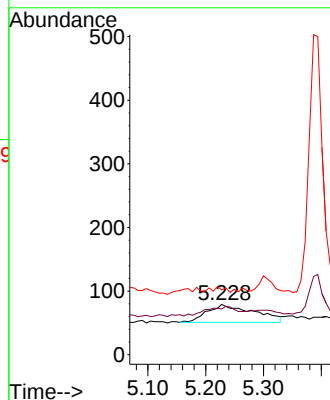
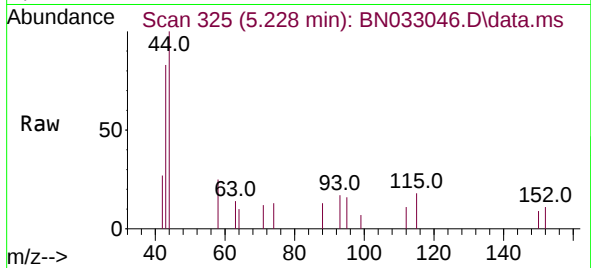
#4
2-Fluorophenol
Concen: 0.013 ng
RT: 5.228 min Scan# 307
Delta R.T. 0.052 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717

Tgt Ion:112 Resp: 152
Ion Ratio Lower Upper
112 100
64 33.8 40.2 60.4#
63 8.9 22.2 33.4#

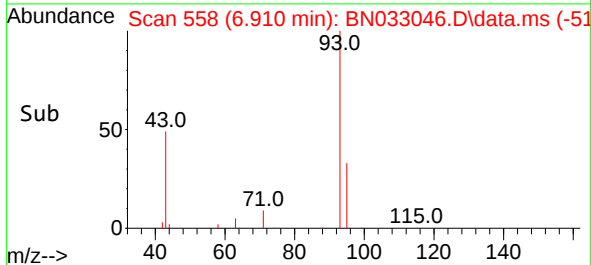
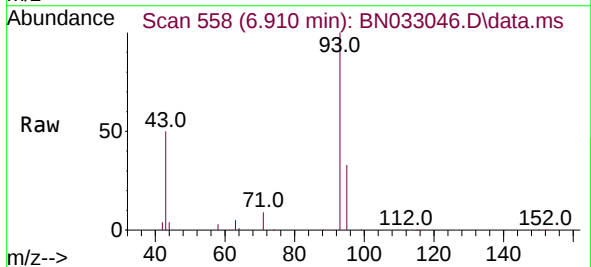
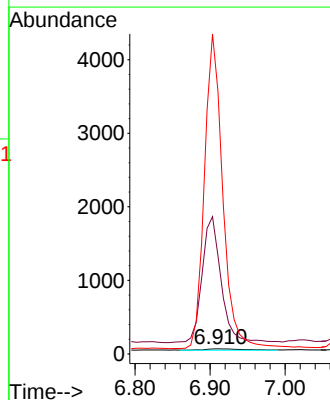
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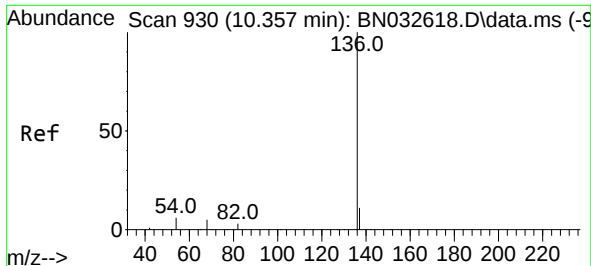
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#5
Phenol-d6
Concen: 0.005 ng m
RT: 6.910 min Scan# 558
Delta R.T. 0.131 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

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





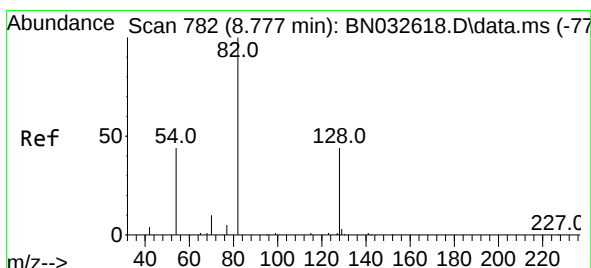
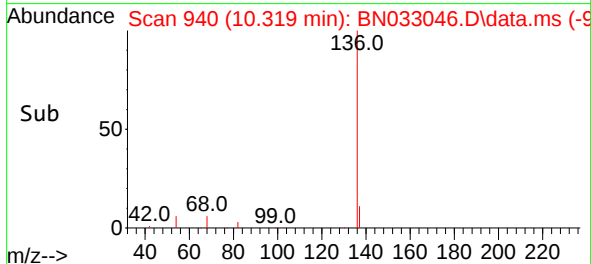
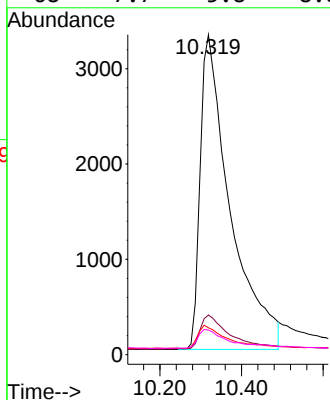
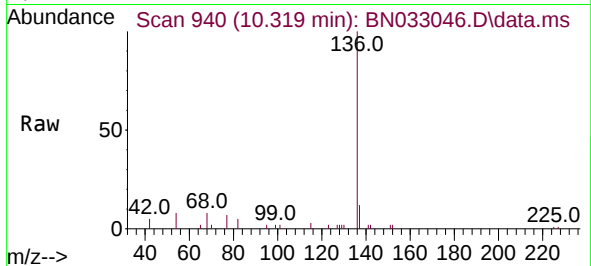
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. 0.015 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717

Tgt Ion:	136	Resp:	16790
Ion Ratio	Lower	Upper	
136	100		
137	12.4	9.9	14.9
54	8.4	6.5	9.7
68	7.7	5.8	8.8

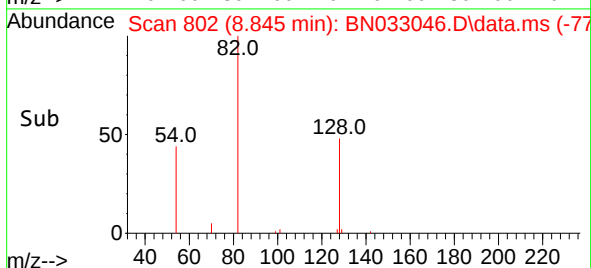
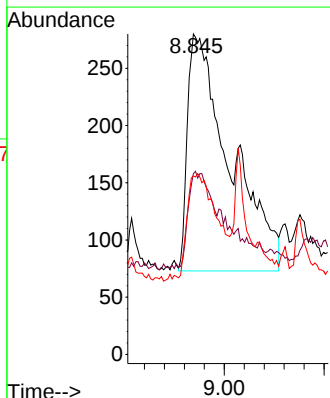
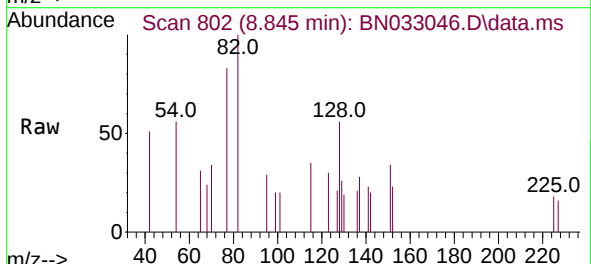
Manual Integrations
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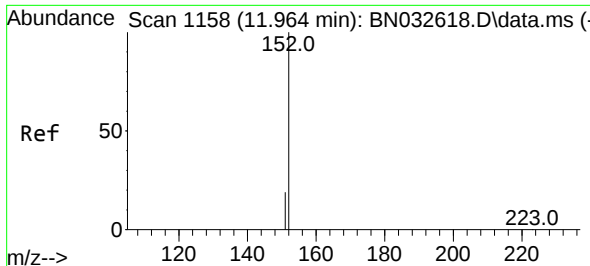
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#8
Nitrobenzene-d5
Concen: 0.242 ng m
RT: 8.845 min Scan# 802
Delta R.T. 0.111 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

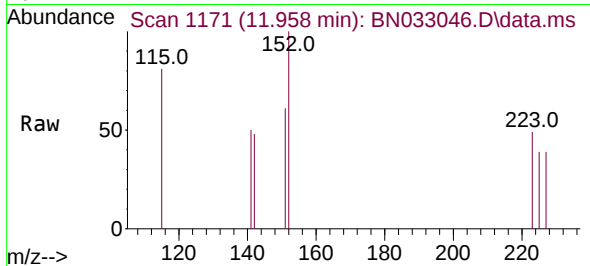
Tgt Ion:	82	Resp:	3056
Ion Ratio	Lower	Upper	
82	100		
128	56.4	41.7	62.5
54	55.7	39.5	59.3





#11
2-Methylnaphthalene-d10
Concen: 0.012 ng m
RT: 11.958 min Scan# 1158
Delta R.T. 0.043 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

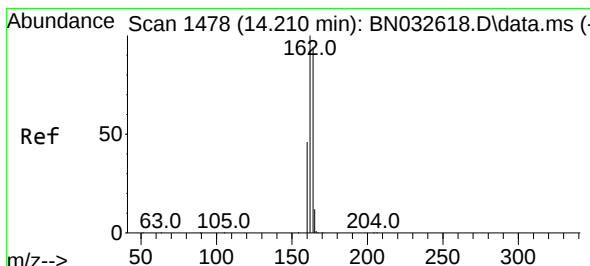
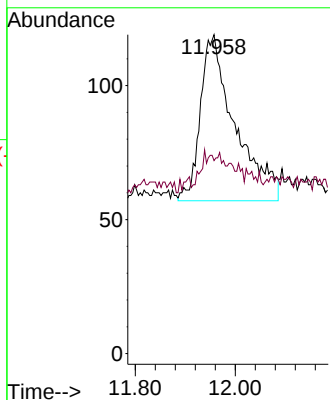
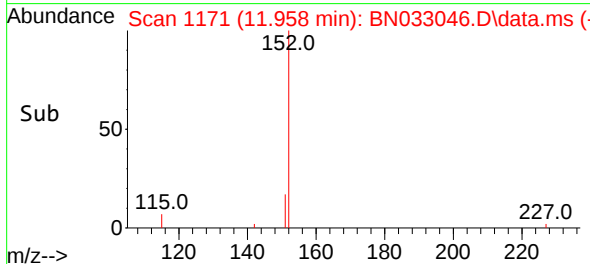
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717



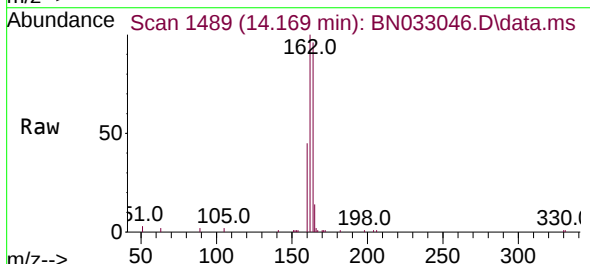
Tgt Ion:152 Resp: 298
Ion Ratio Lower Upper
152 100
151 3.0 16.2 24.2

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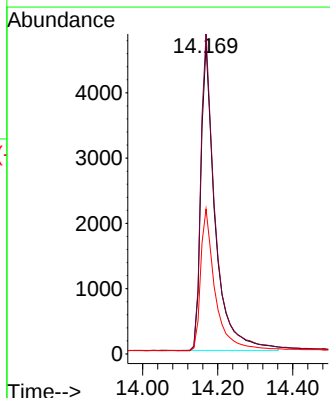
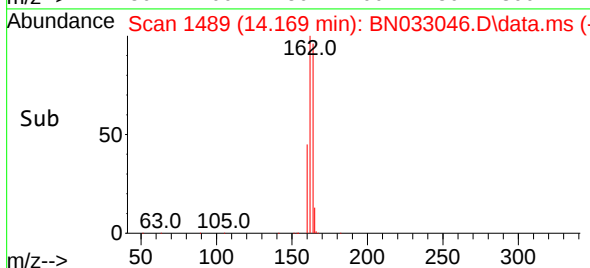
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

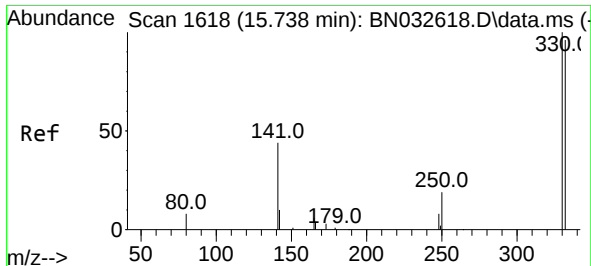


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.169 min Scan# 1489
Delta R.T. -0.009 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16



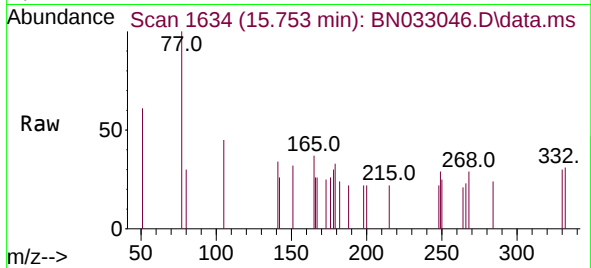
Tgt Ion:164 Resp: 12494
Ion Ratio Lower Upper
164 100
162 103.7 85.0 127.4
160 47.0 39.4 59.2





#14
2,4,6-Tribromophenol
Concen: 0.016 ng
RT: 15.753 min Scan# 1634
Delta R.T. 0.028 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

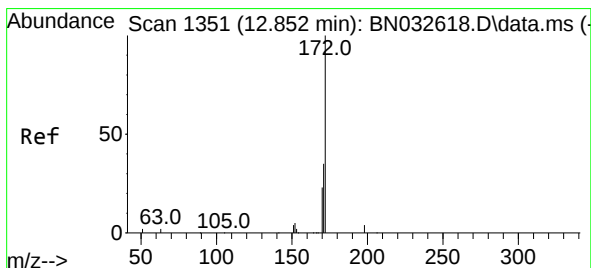
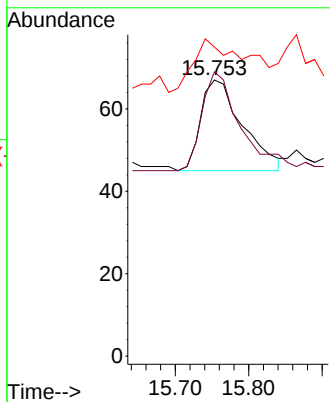
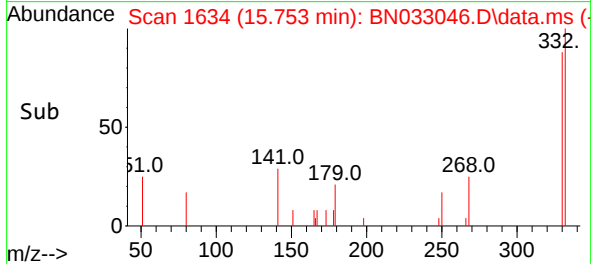
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717



Tgt Ion:330 Resp: 81
Ion Ratio Lower Upper
330 100
332 101.1 77.8 116.8
141 75.9 34.2 51.2

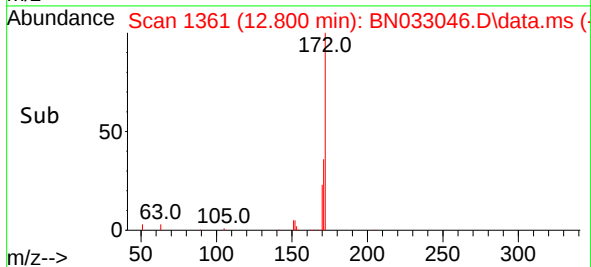
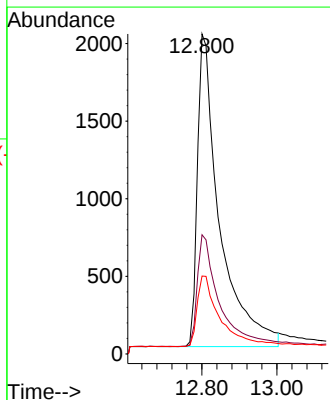
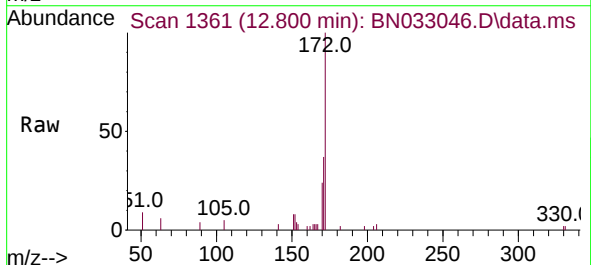
Manual Integrations
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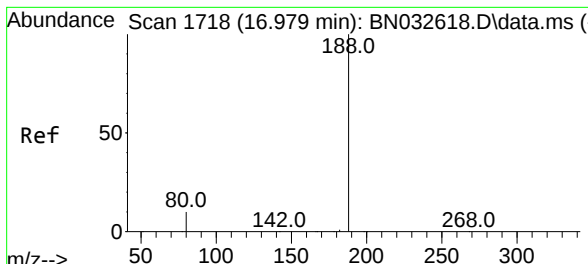
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 12.800 min Scan# 1361
Delta R.T. -0.009 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

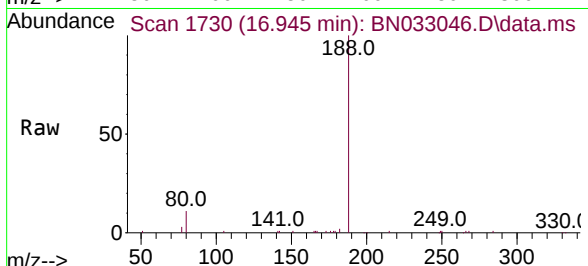
Tgt Ion:172 Resp: 8264
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.3 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.945 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

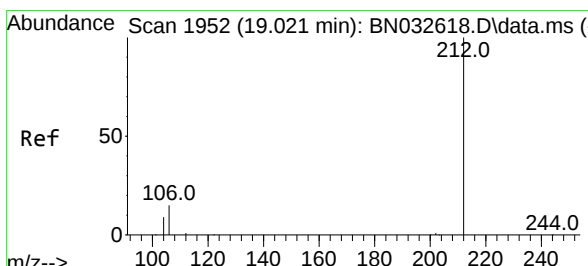
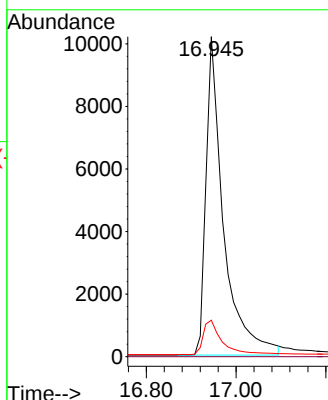
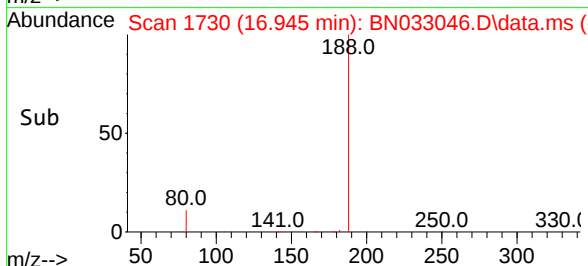
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717



Tgt Ion:188 Resp: 2758
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.8 13.2

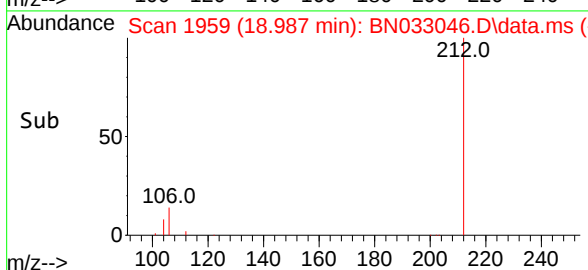
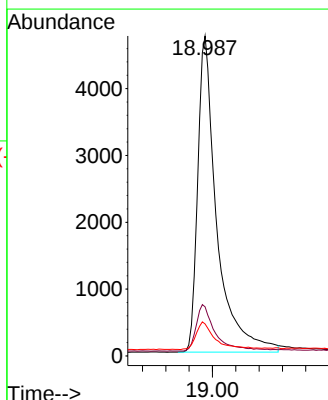
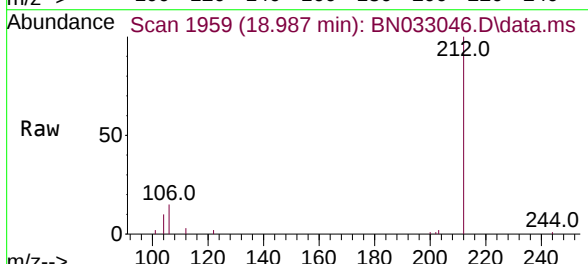
Manual Integrations
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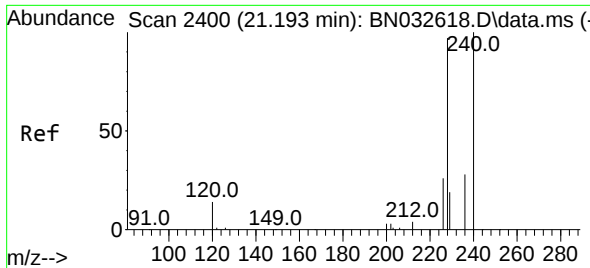
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#27
Fluoranthene-d10
Concen: 0.151 ng
RT: 18.987 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

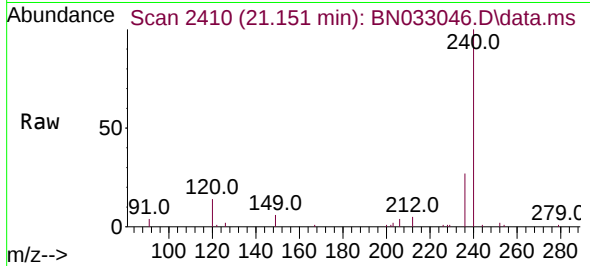
Tgt Ion:212 Resp: 10763
Ion Ratio Lower Upper
212 100
106 14.8 11.9 17.9
104 8.8 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.151 min Scan# 2410
Delta R.T. -0.015 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

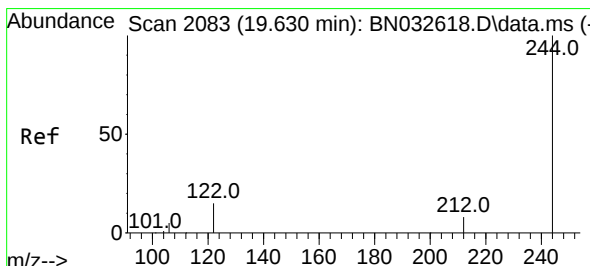
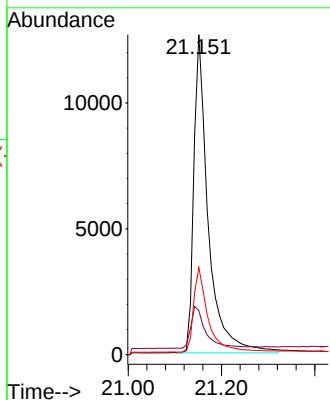
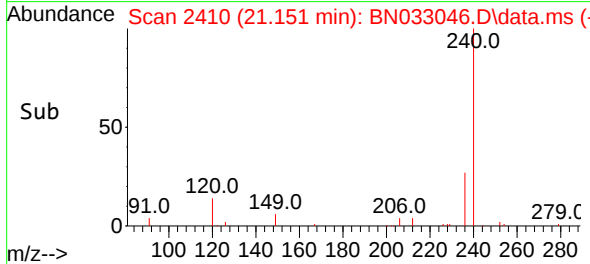
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717



Tgt Ion:240 Resp: 2721
Ion Ratio Lower Upper
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120 13.8 14.8 22.2
236 27.2 23.3 34.9

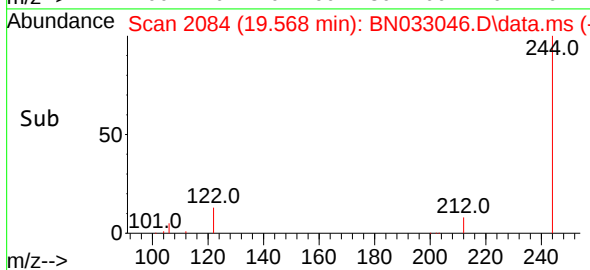
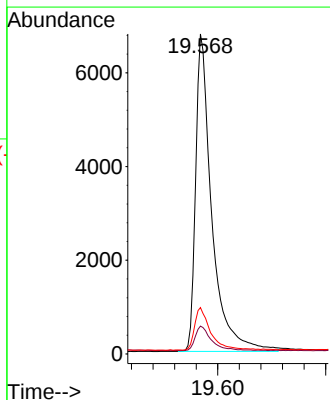
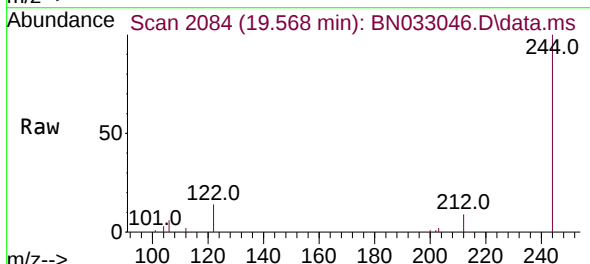
Manual Integrations
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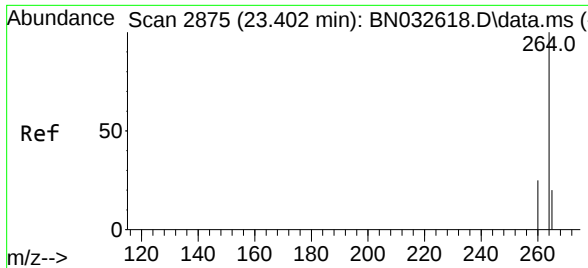
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#31
Terphenyl-d14
Concen: 0.253 ng
RT: 19.568 min Scan# 2084
Delta R.T. -0.025 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

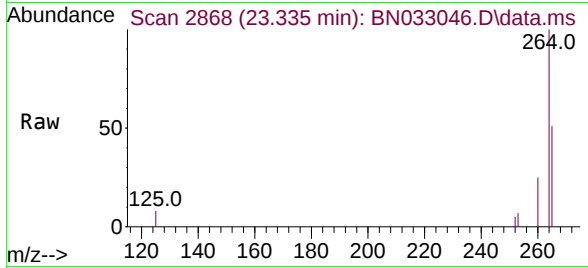
Tgt Ion:244 Resp: 14086
Ion Ratio Lower Upper
244 100
212 8.7 7.5 11.3
122 14.5 12.6 19.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.335 min Scan# 24
 Delta R.T. -0.023 min
 Lab File: BN033046.D
 Acq: 27 Jul 2024 23:16

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240717



Tgt Ion:264 Resp: 2461
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.9 31.3
 265 50.8 85.4 128.2

Manual Integrations
 APPROVED

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

