

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017939.D
 Acq On : 12 Dec 2021 14:17
 Operator : CG/JU
 Sample : M4957-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20211206

Quant Time: Dec 13 00:40:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.706	152	24786	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	101097	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	65902	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	129749	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	95851	0.400	ng	0.00
35) Perylene-d12	23.586	264	68258	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	6037	0.118	ng	0.00
5) Phenol-d6	6.903	99	3104	0.061	ng	0.00
8) Nitrobenzene-d5	8.859	82	17881	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	55396	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4121	0.447	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	68637	0.296	ng	0.00
27) Fluoranthene-d10	19.124	212	147042	0.350	ng	0.00
31) Terphenyl-d14	19.730	244	121255	0.513	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	9514m	1.265	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.143	93	13340	0.214	ng	91
34) Bis(2-ethylhexyl)phtha...	21.208	149	520513	5.058	ng	100

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

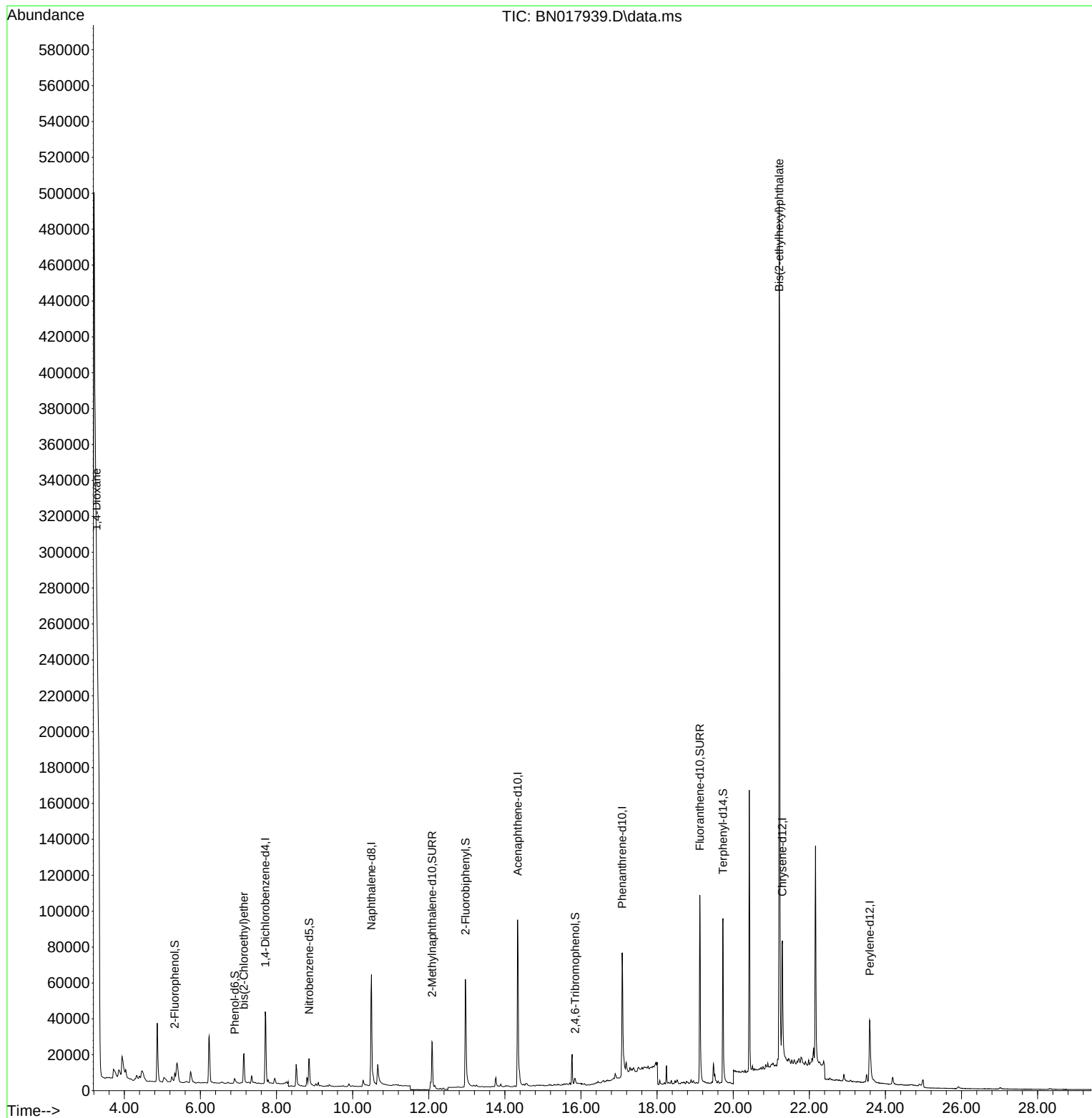
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017939.D
Acq On : 12 Dec 2021 14:17
Operator : CG/JU
Sample : M4957-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

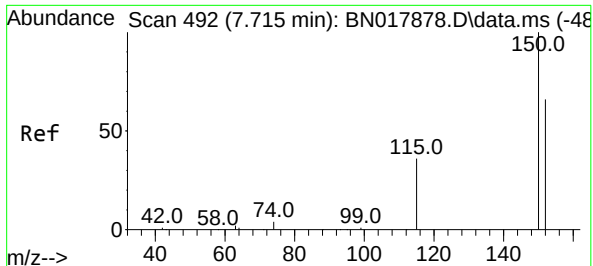
Instrument :
BNA_N
ClientSampleId :
MW17811-20211206

Quant Time: Dec 13 00:40:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
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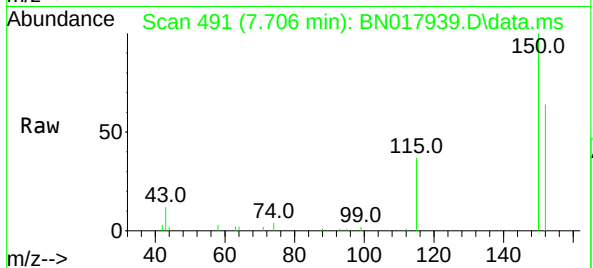
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.706 min Scan# 491
Delta R.T. -0.009 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

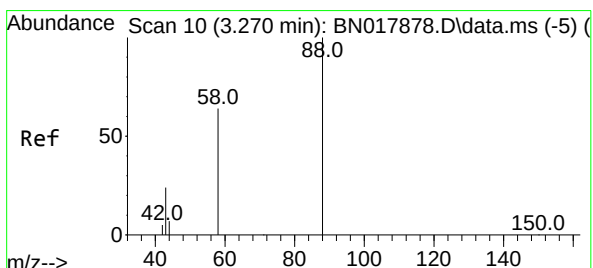
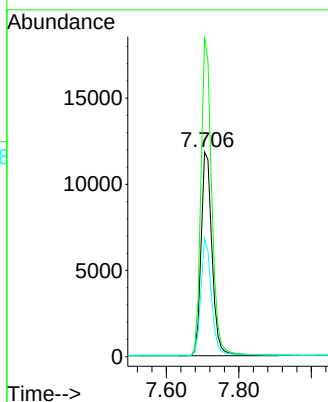
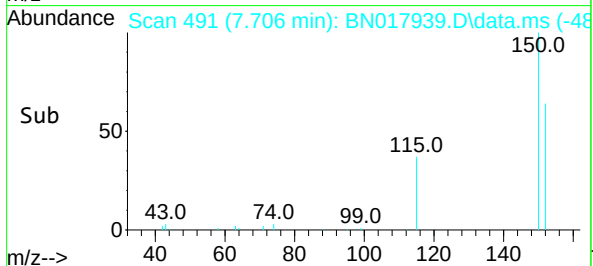
Instrument :
BNA_N
ClientSampleId :
MW17811-20211206



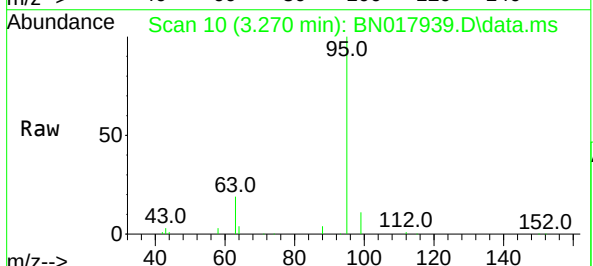
Tgt Ion:152 Resp: 24780
Ion Ratio Lower Upper
152 100
150 156.3 121.9 182.9
115 57.7 44.1 66.1

Manual Integrations
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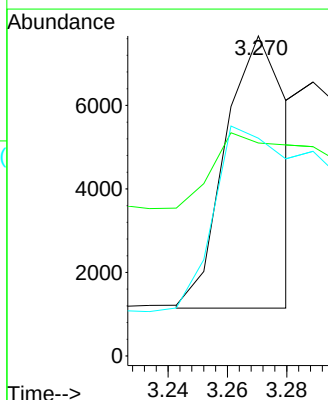
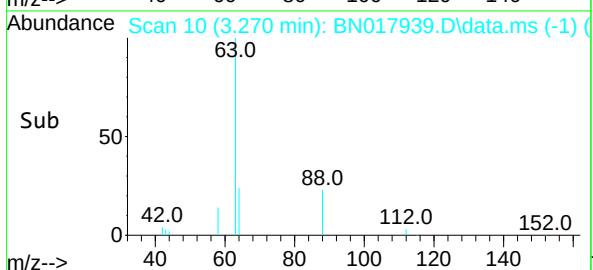
Reviewed By :Christian Giraldo 12/13/2021
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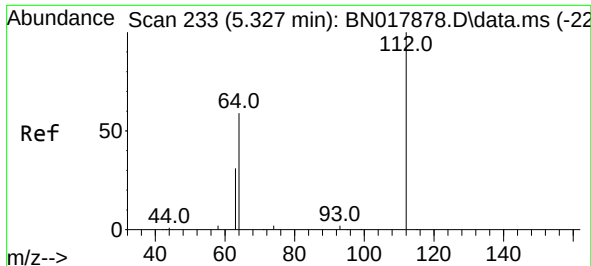


#2
1,4-Dioxane
Concen: 1.265 ng m
RT: 3.270 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17



Tgt Ion: 88 Resp: 9514
Ion Ratio Lower Upper
88 100
43 47.1 28.0 42.0#
58 120.1 65.4 98.0#





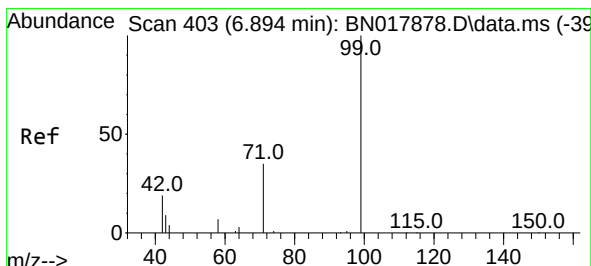
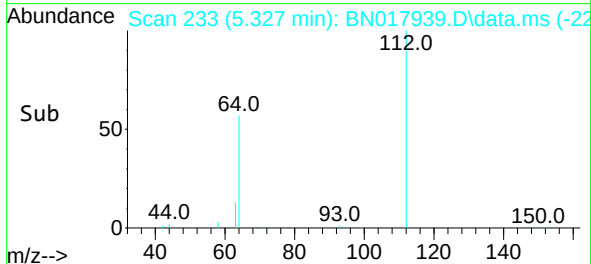
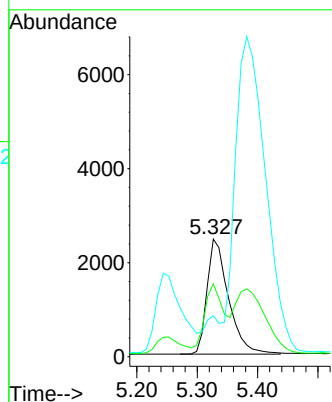
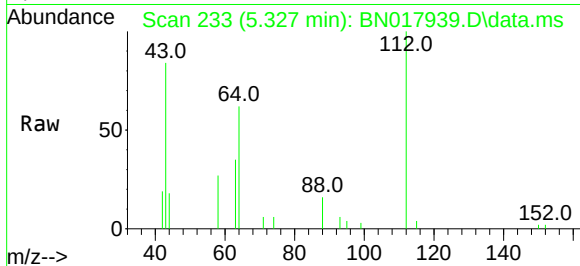
#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.327 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

Instrument :
BNA_N
ClientSampleId :
MW17811-20211206

Tgt Ion: 112 Resp: 603
Ion Ratio Lower Upper
112 100
64 48.6 49.0 73.4
63 0.0 26.2 39.2

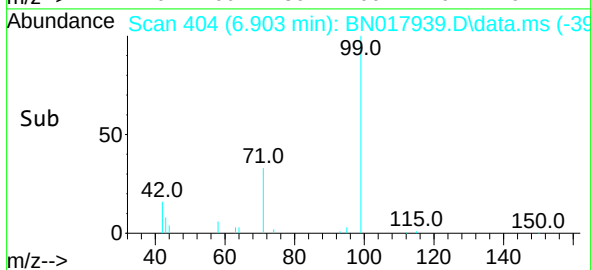
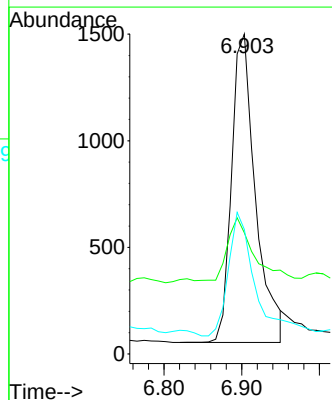
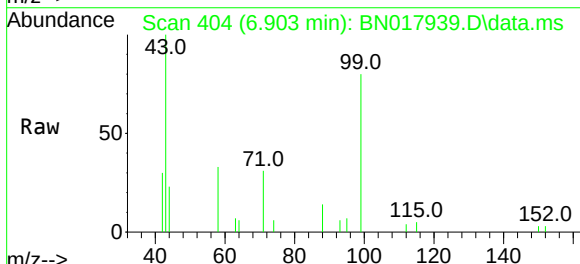
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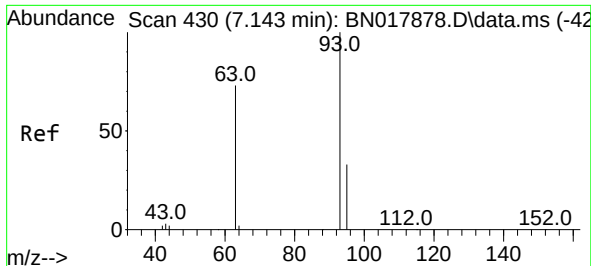
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#5
Phenol-d6
Concen: 0.061 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

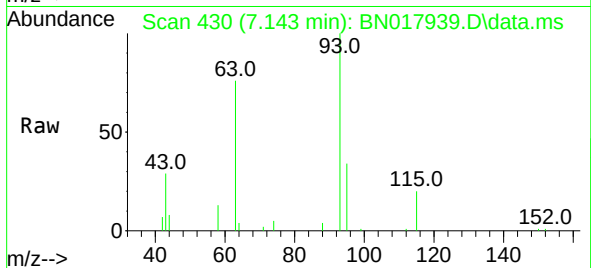
Tgt Ion: 99 Resp: 3104
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 41.5 28.0 42.0





#6
bis(2-Chloroethyl)ether
Concen: 0.214 ng
RT: 7.143 min Scan# 430
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

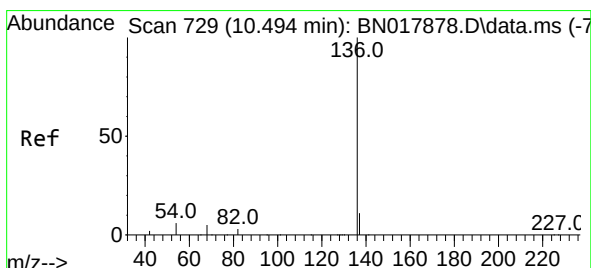
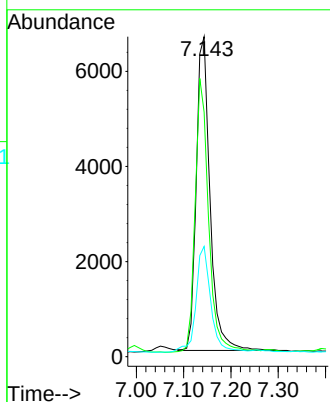
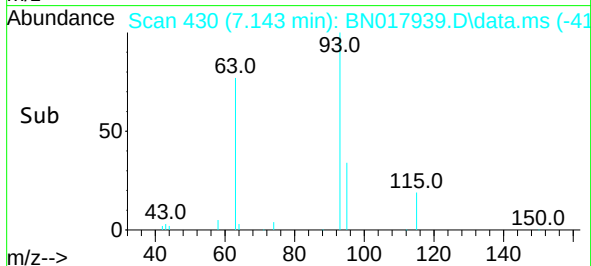
Instrument :
BNA_N
ClientSampleId :
MW17811-20211206



Tgt Ion: 93 Resp: 13340
Ion Ratio Lower Upper
93 100
63 86.0 62.0 93.0
95 36.4 26.2 39.4

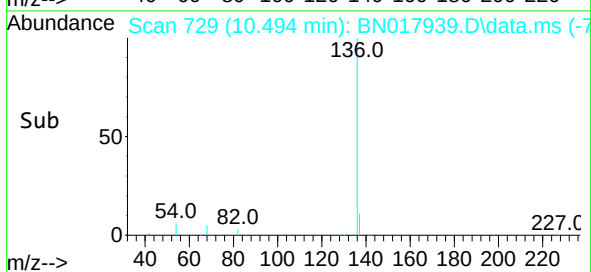
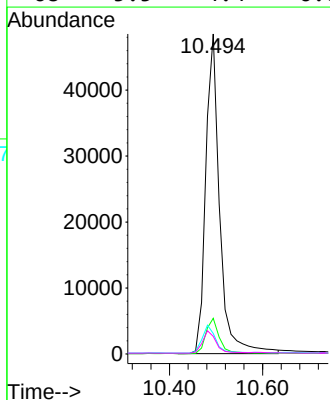
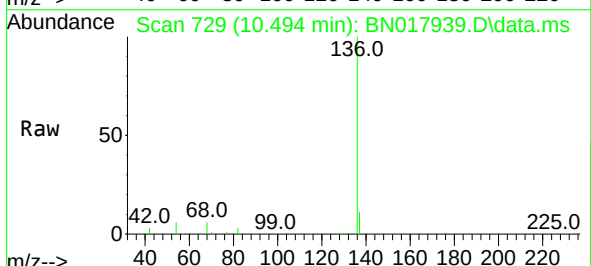
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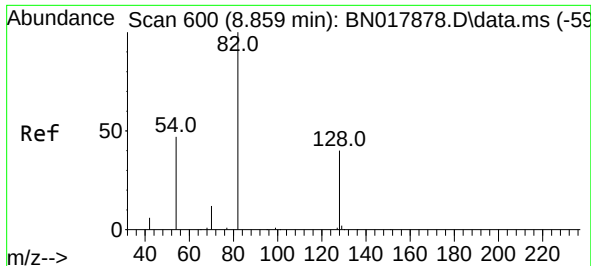
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

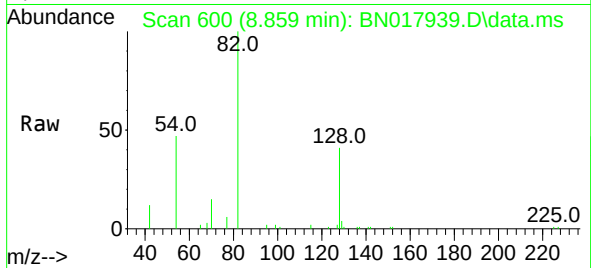
Tgt Ion:136 Resp: 101097
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.4 5.1 7.7
68 5.5 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

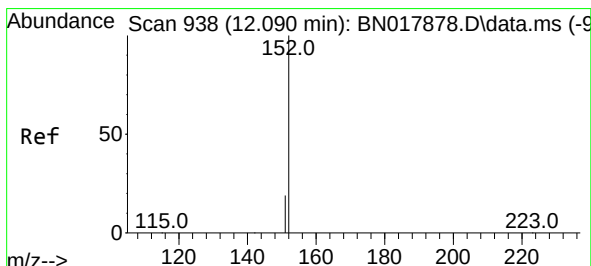
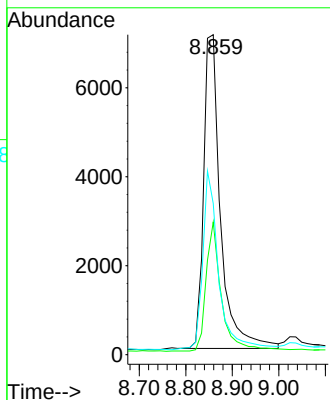
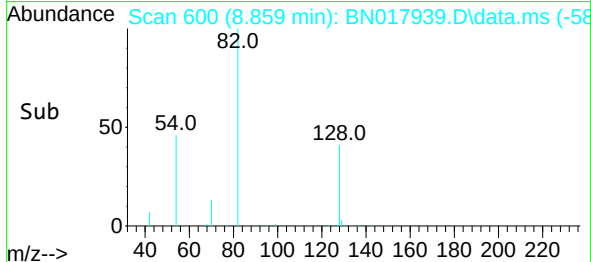
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 1788
Ion Ratio Lower Upper
82 100
128 41.5 32.2 48.4
54 47.2 37.6 56.4

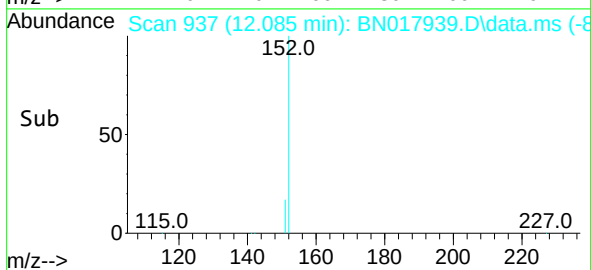
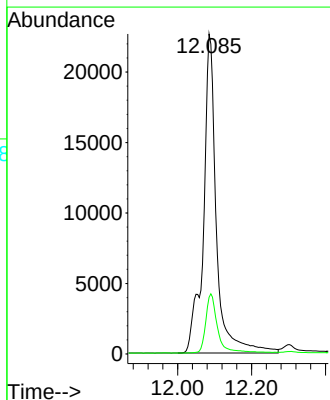
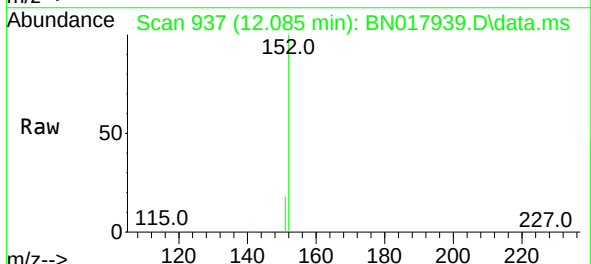
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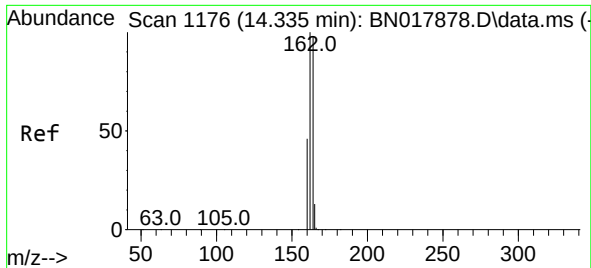
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.085 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

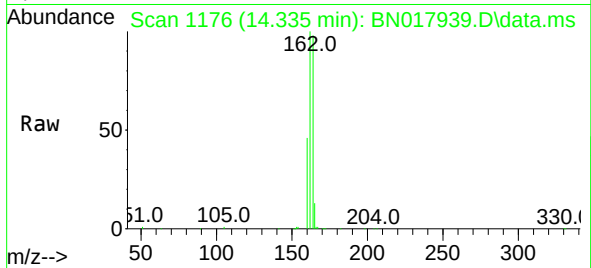
Tgt Ion:152 Resp: 55396
Ion Ratio Lower Upper
152 100
151 16.9 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

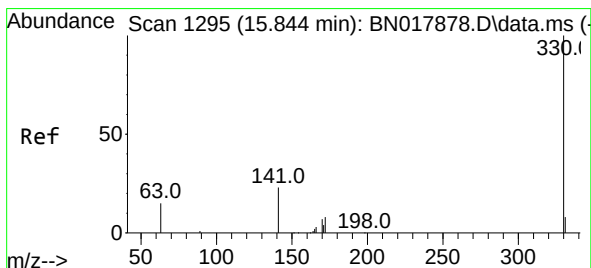
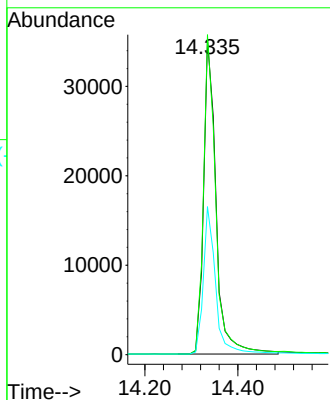
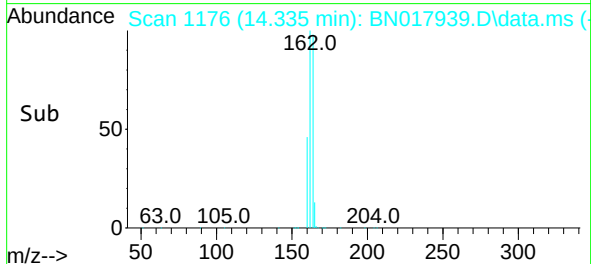
Instrument :
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MW17811-20211206



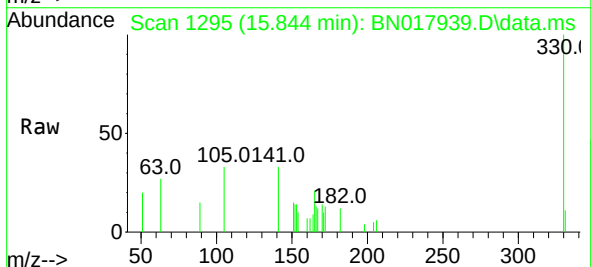
Tgt Ion:164 Resp: 6590
Ion Ratio Lower Upper
164 100
162 101.6 82.1 123.1
160 47.0 38.2 57.2

Manual Integrations
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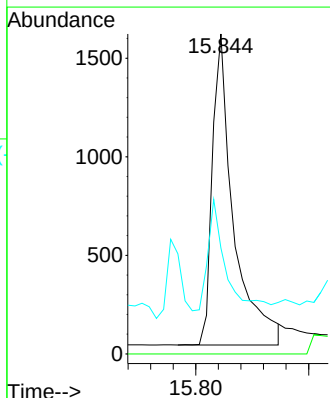
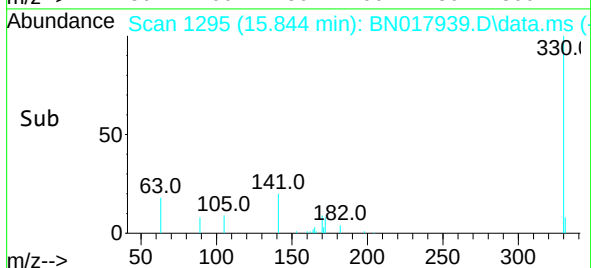
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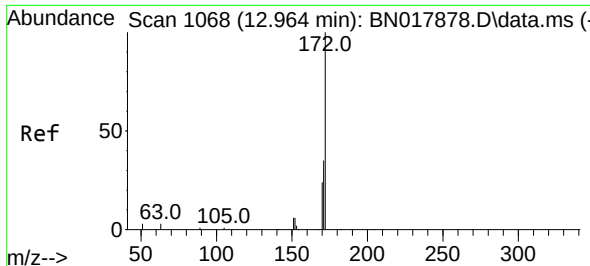


#14
2,4,6-Tribromophenol
Concen: 0.447 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17



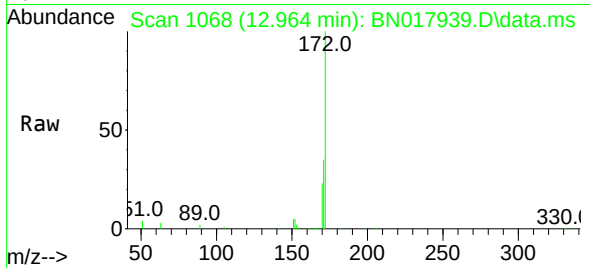
Tgt Ion:330 Resp: 4121
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.6 19.7 29.5#





#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

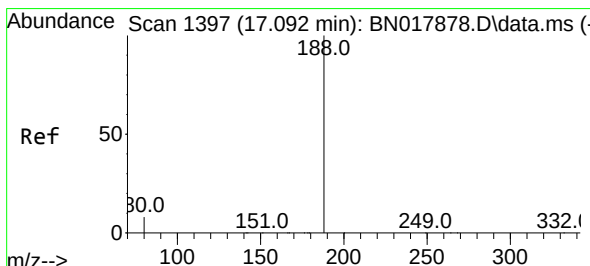
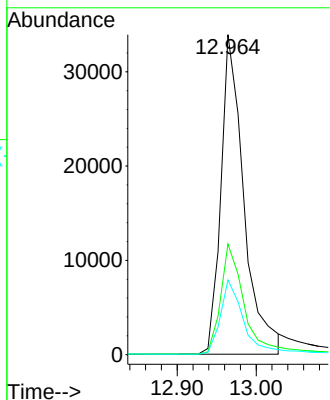
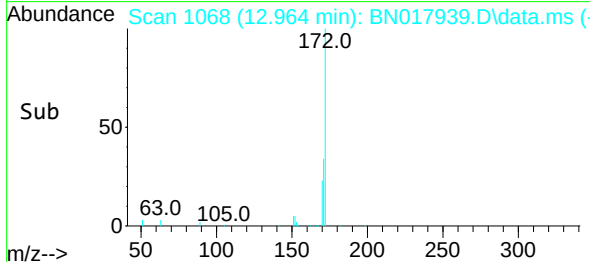
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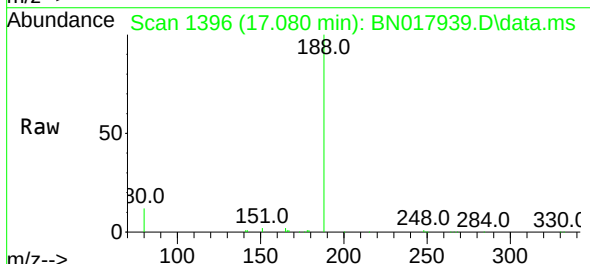
Tgt Ion:172 Resp: 6863
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.3 19.1 28.7

Manual Integrations
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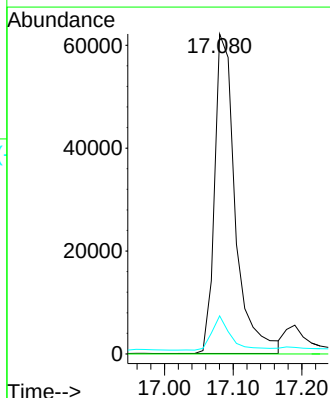
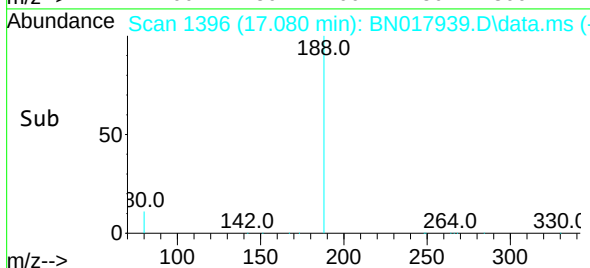
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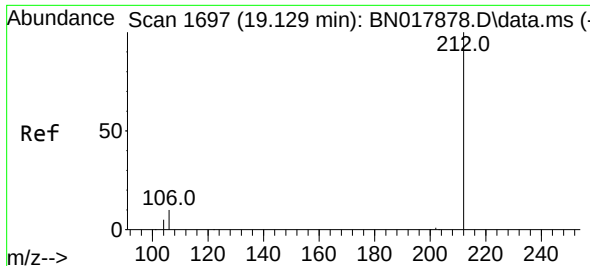


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17



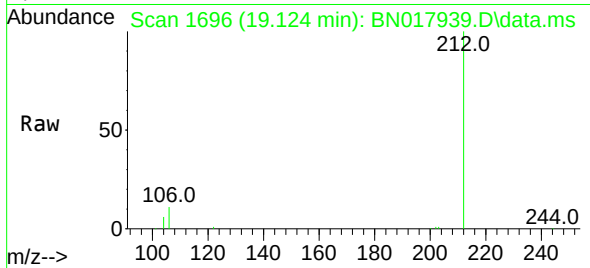
Tgt Ion:188 Resp: 129749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 6.2 9.2#





#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.124 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

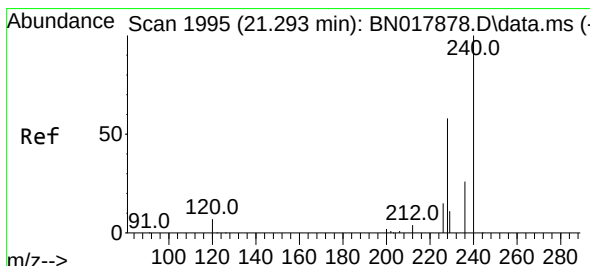
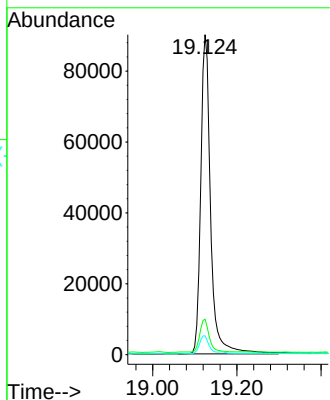
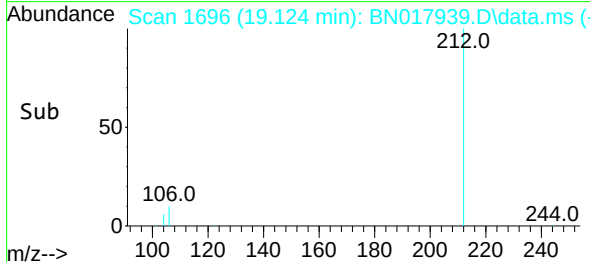
Instrument :
BNA_N
ClientSampleId :
MW17811-20211206



Tgt Ion:212 Resp: 14704
Ion Ratio Lower Upper
212 100
106 9.8 8.3 12.5
104 5.4 4.6 6.8

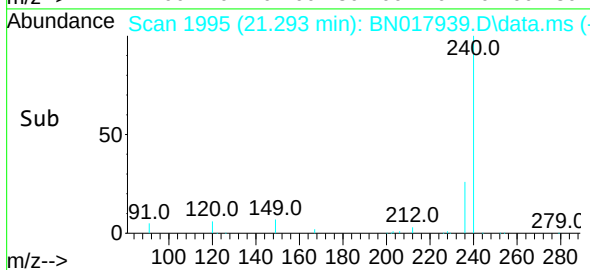
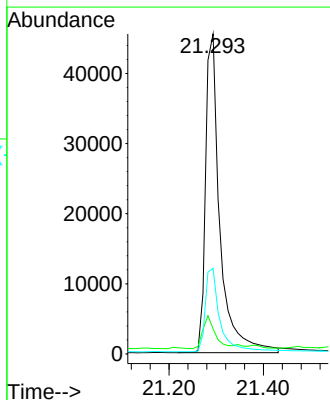
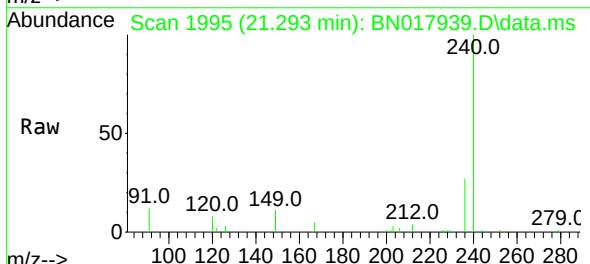
Manual Integrations
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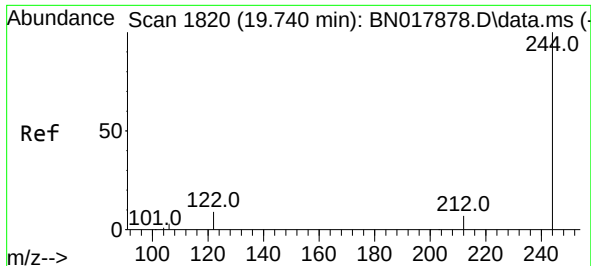
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

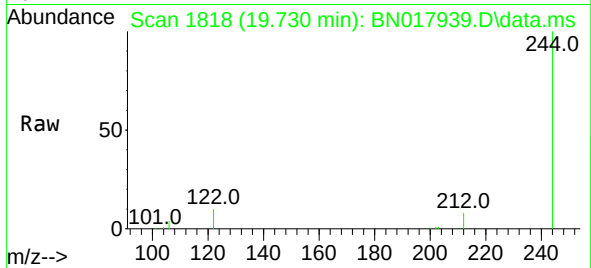
Tgt Ion:240 Resp: 95851
Ion Ratio Lower Upper
240 100
120 7.8 5.8 8.8
236 26.8 21.0 31.6





#31
Terphenyl-d14
Concen: 0.513 ng
RT: 19.730 min Scan# 1820
Delta R.T. -0.010 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

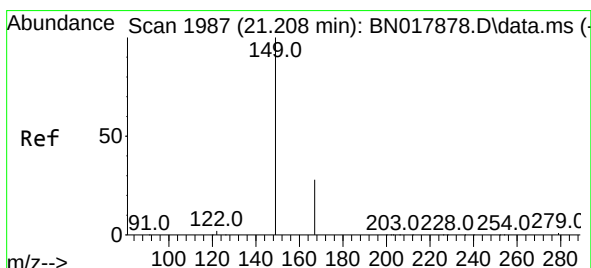
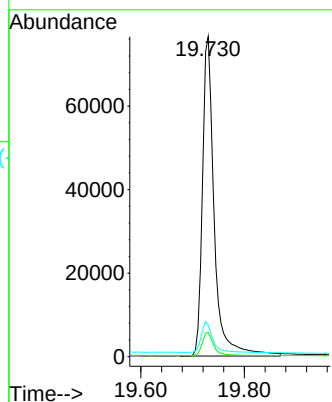
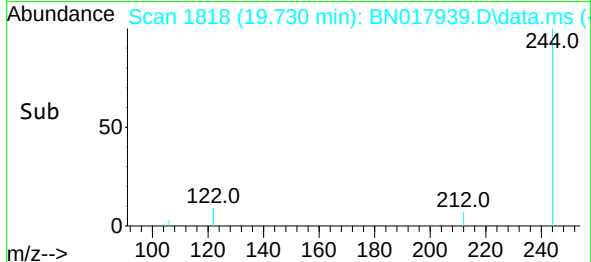
Instrument :
BNA_N
ClientSampleId :
MW17811-20211206



Tgt Ion:244 Resp: 12125
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.9 7.5 11.3

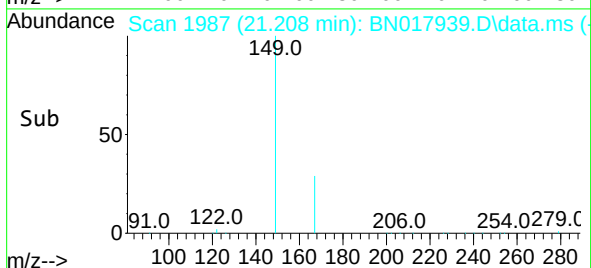
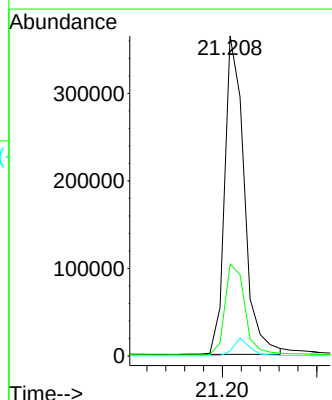
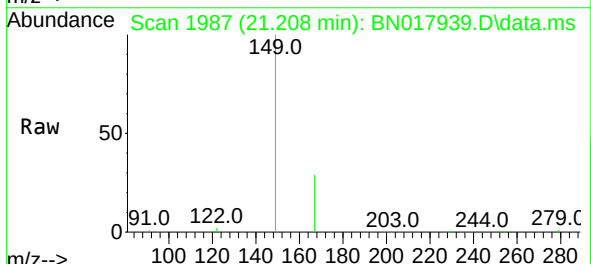
Manual Integrations
APPROVED

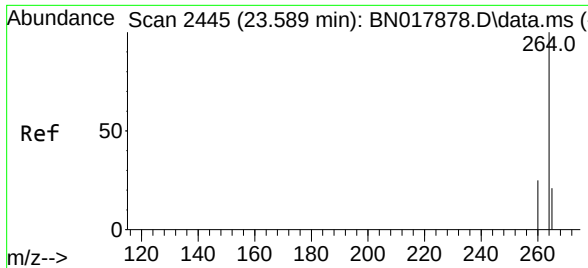
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 5.058 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017939.D
Acq: 12 Dec 2021 14:17

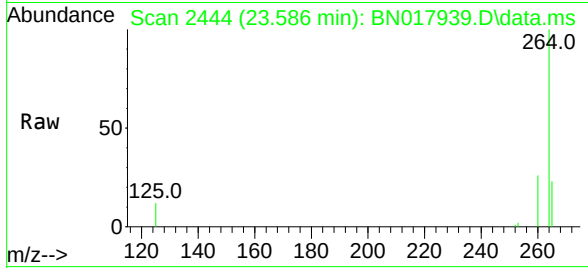
Tgt Ion:149 Resp: 520513
Ion Ratio Lower Upper
149 100
167 29.3 23.4 35.0
279 4.7 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2444
 Delta R.T. -0.003 min
 Lab File: BN017939.D
 Acq: 12 Dec 2021 14:17

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20211206



Tgt Ion:264 Resp: 68258
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.4
 265 22.6 18.2 27.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

