

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017909.D
 Acq On : 11 Dec 2021 16:34
 Operator : CG/JU
 Sample : M4957-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20211206

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 21:31:00 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23498	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	97568	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	66745	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	136678	0.400	ng	0.00
29) Chrysene-d12	21.293	240	103243	0.400	ng	0.00
35) Perylene-d12	23.585	264	76560	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5164	0.107	ng	0.00
5) Phenol-d6	6.903	99	3160	0.066	ng	0.00
8) Nitrobenzene-d5	8.859	82	17144	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	45088	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3186	0.420	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	67764	0.289	ng	0.00
27) Fluoranthene-d10	19.124	212	138984	0.314	ng	0.00
31) Terphenyl-d14	19.730	244	107335	0.422	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	19727m	2.766	ng	
34) Bis(2-ethylhexyl)phtha...	21.208	149	426697	3.850	ng	98

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

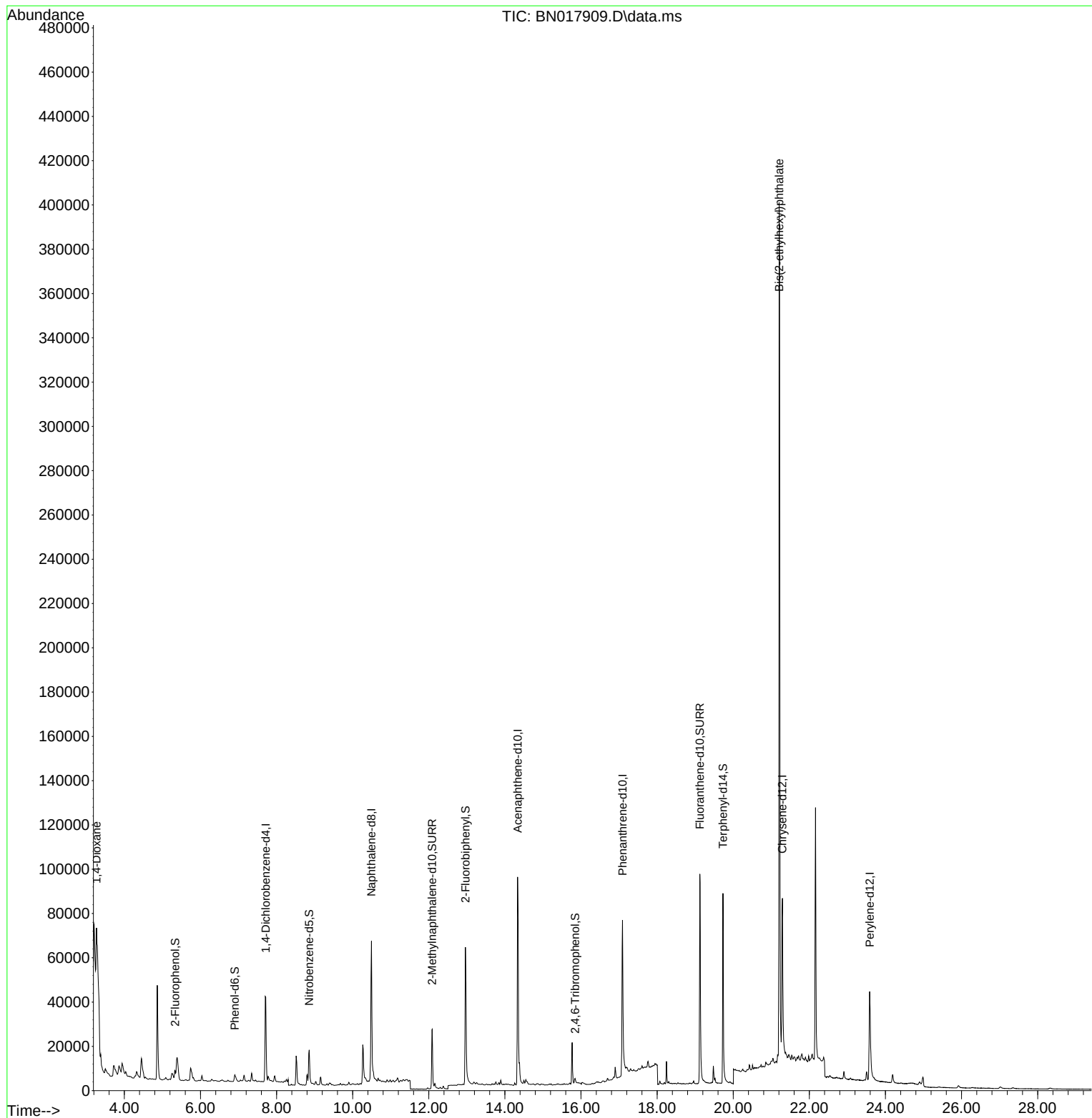
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017909.D
Acq On : 11 Dec 2021 16:34
Operator : CG/JU
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ALS Vial : 34 Sample Multiplier: 1

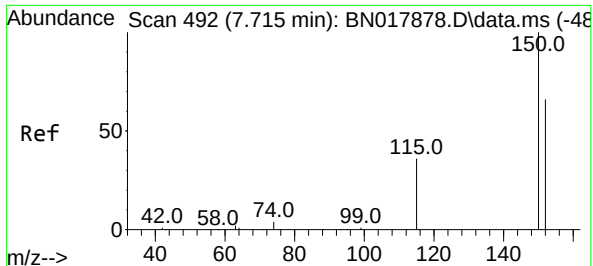
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206

Quant Time: Dec 11 21:31:00 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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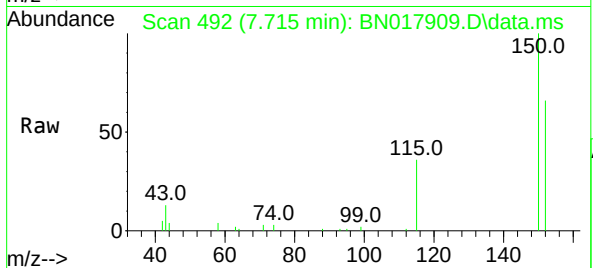
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

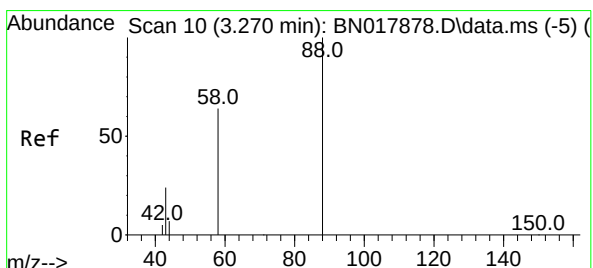
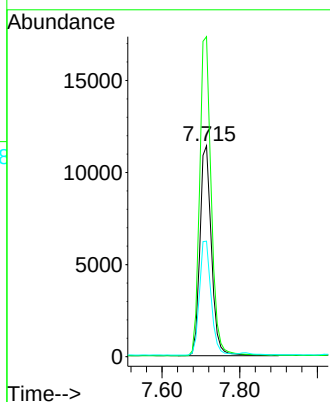
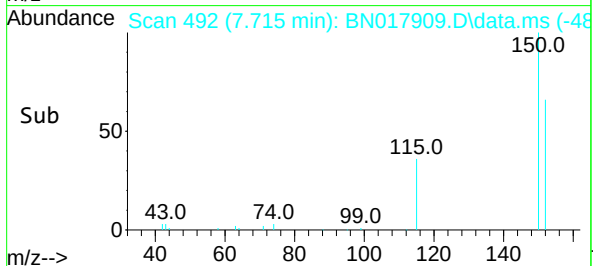
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206



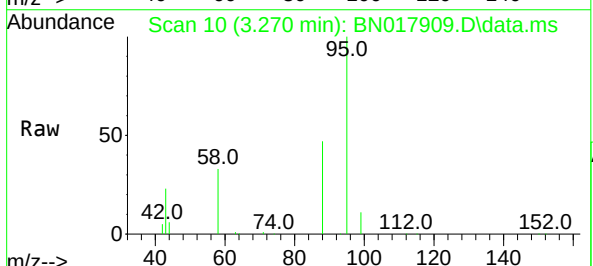
Tgt Ion:152 Resp: 23498
Ion Ratio Lower Upper
152 100
150 151.7 121.9 182.9
115 54.8 44.1 66.1

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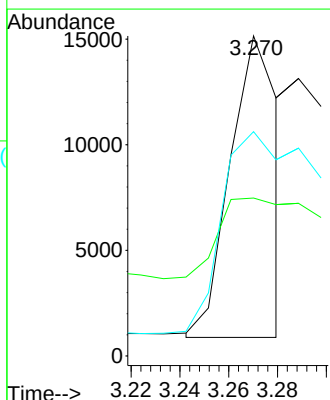
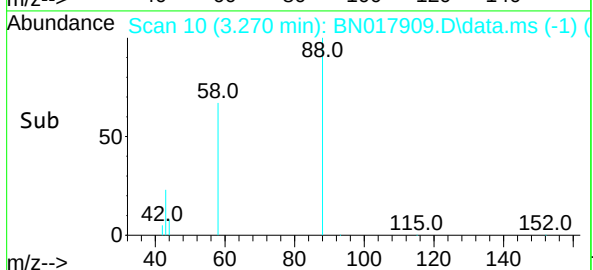
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

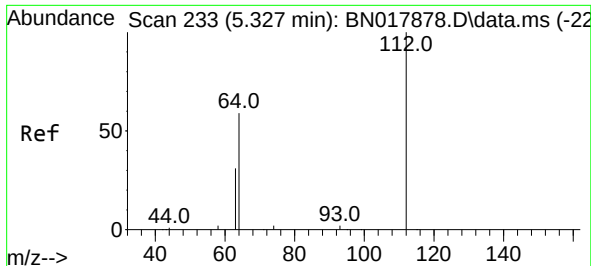


#2
1,4-Dioxane
Concen: 2.766 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34



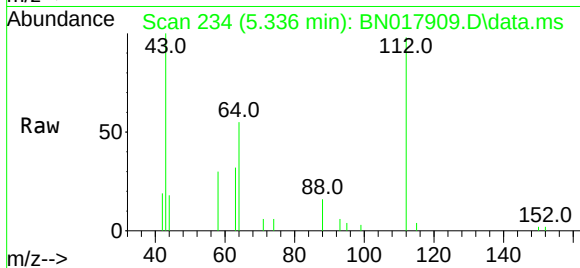
Tgt Ion: 88 Resp: 19727
Ion Ratio Lower Upper
88 100
43 52.1 28.0 42.0#
58 124.6 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

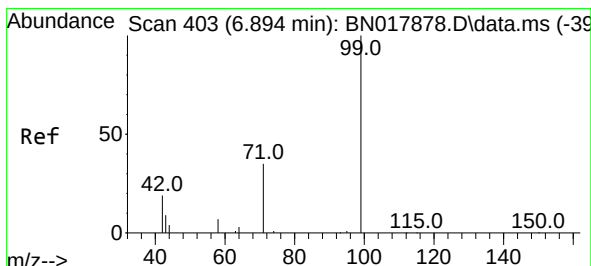
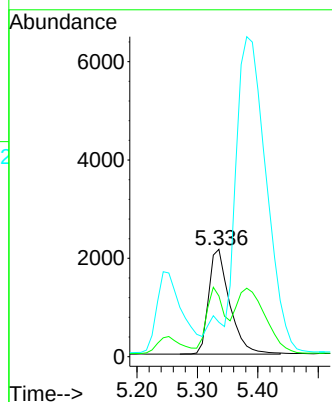
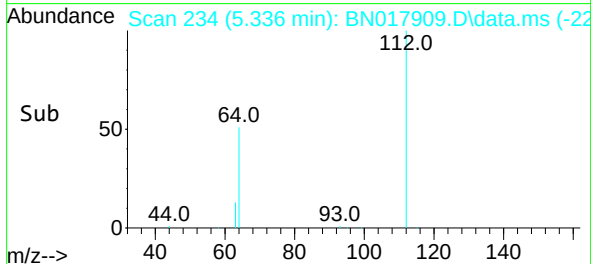
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206



Tgt Ion: 112 Resp: 5164
Ion Ratio Lower Upper
112 100
64 48.5 49.0 73.4#
63 0.0 26.2 39.2#

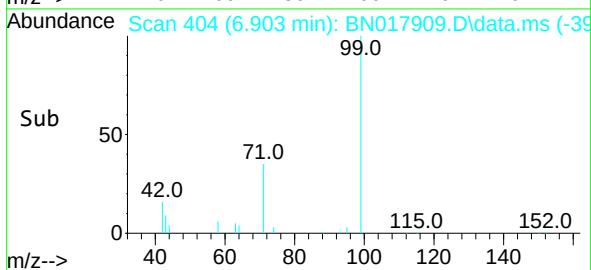
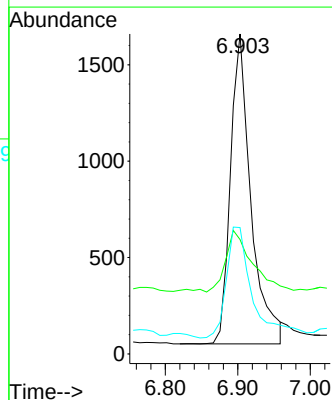
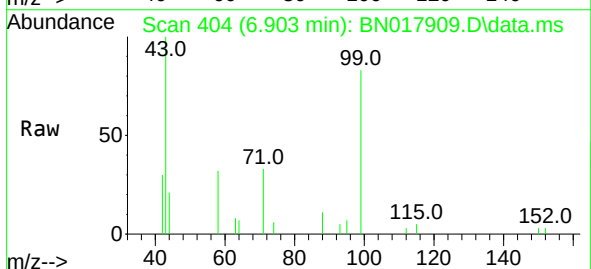
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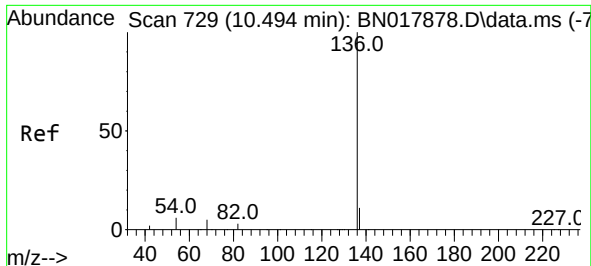
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

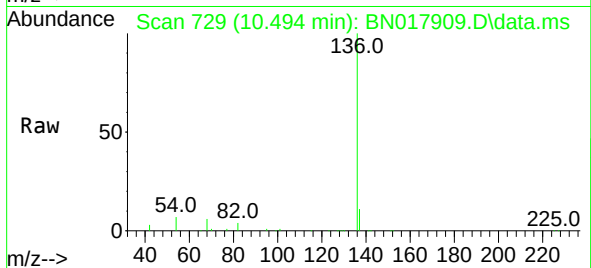
Tgt Ion: 99 Resp: 3160
Ion Ratio Lower Upper
99 100
42 25.5 17.0 25.4#
71 42.6 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

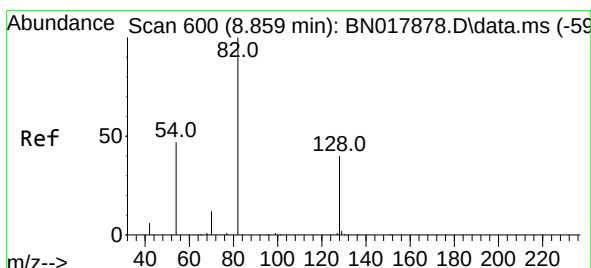
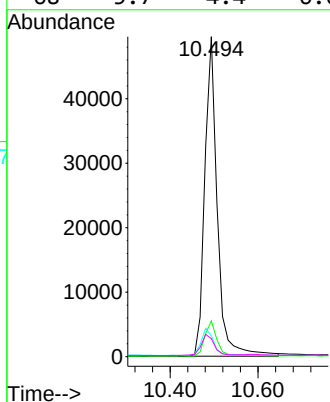
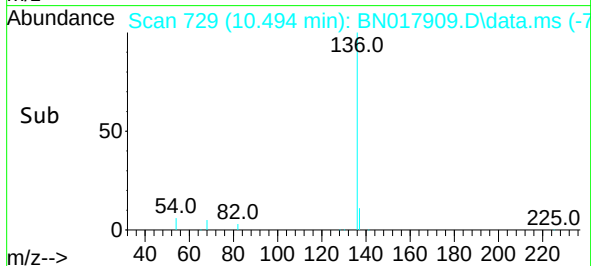
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	136	Resp:	9756
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	6.5	5.1	7.7
68	5.7	4.4	6.6

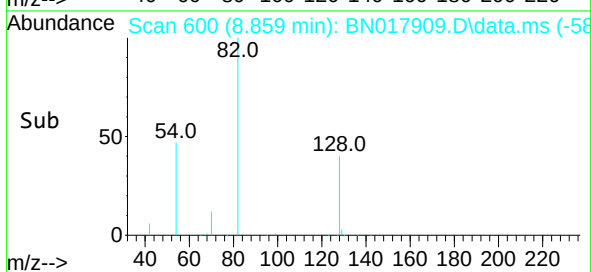
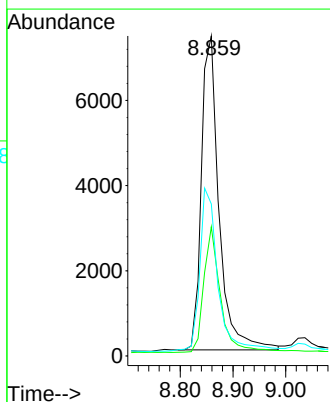
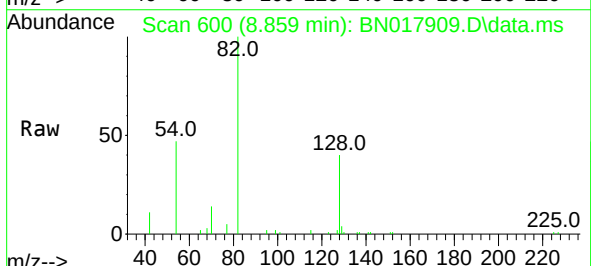
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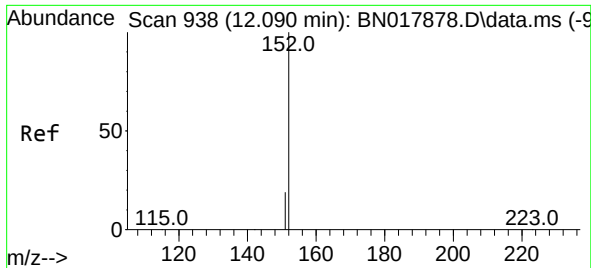
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

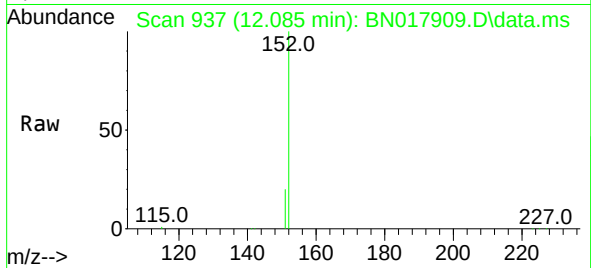
Tgt Ion:	82	Resp:	17144
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.2	48.4
54	47.5	37.6	56.4





#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.085 min Scan# 911
Delta R.T. -0.005 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

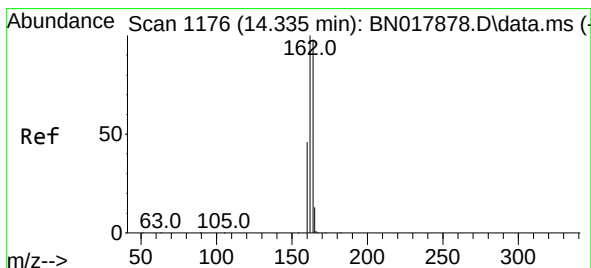
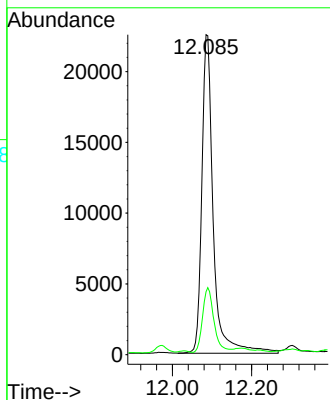
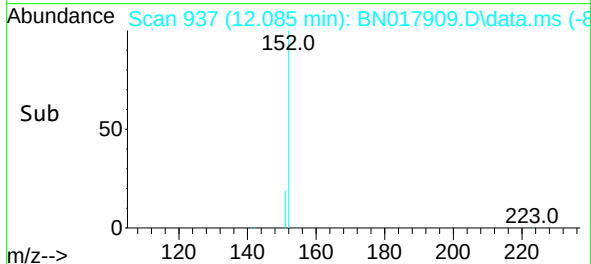
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206



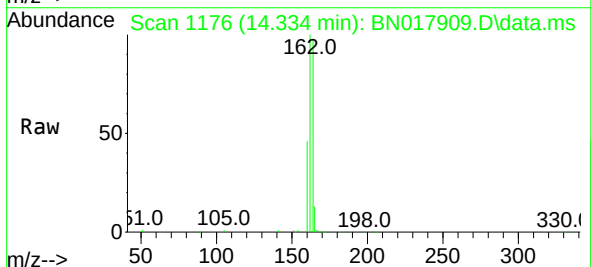
Tgt Ion:152 Resp: 45088
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6

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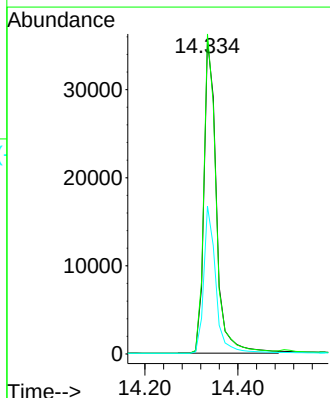
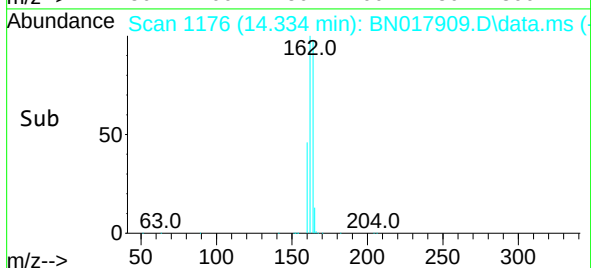
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

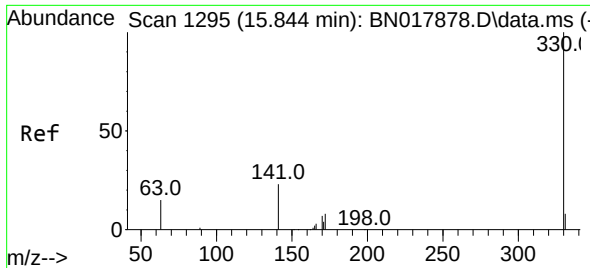


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34



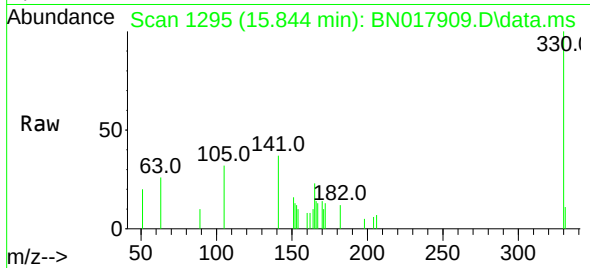
Tgt Ion:164 Resp: 66745
Ion Ratio Lower Upper
164 100
162 102.1 82.1 123.1
160 47.2 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

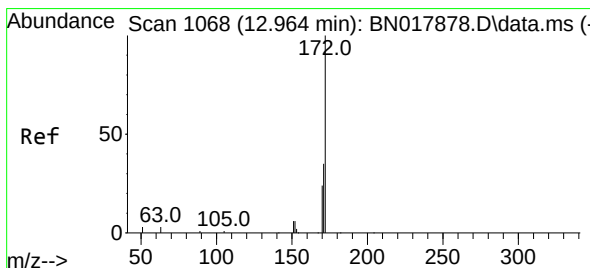
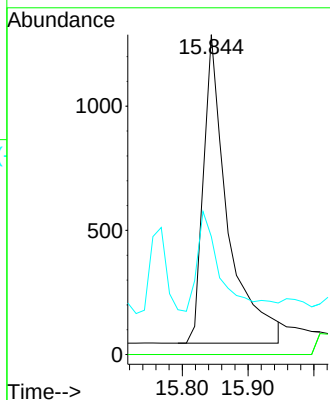
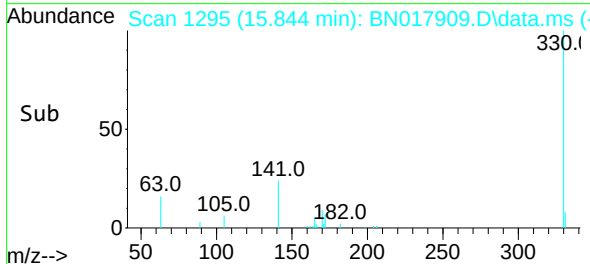
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206



Tgt Ion:330 Resp: 3180
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 19.7 29.5

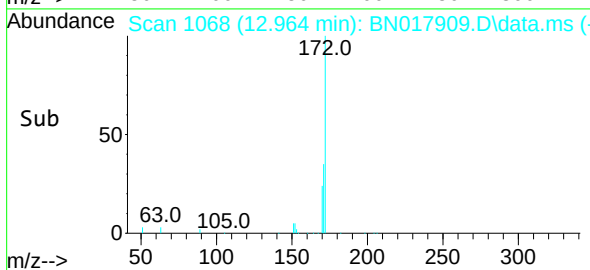
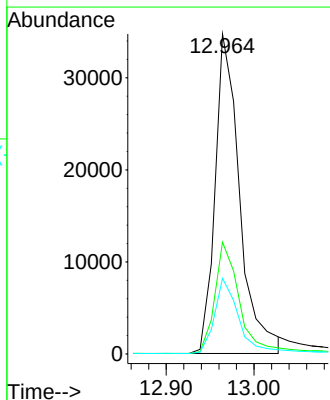
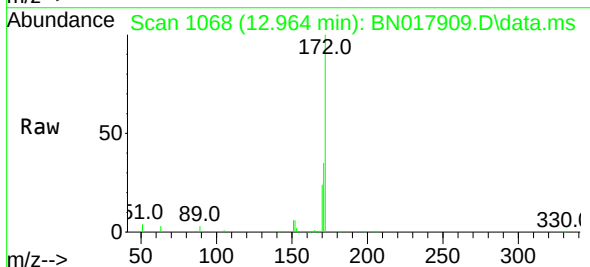
Manual Integrations
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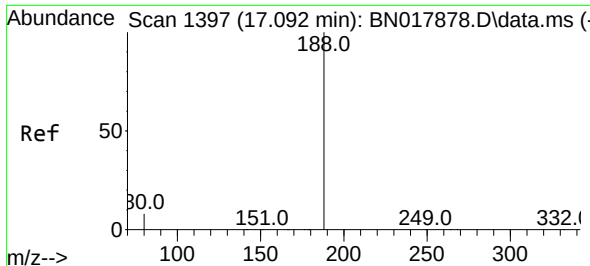
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

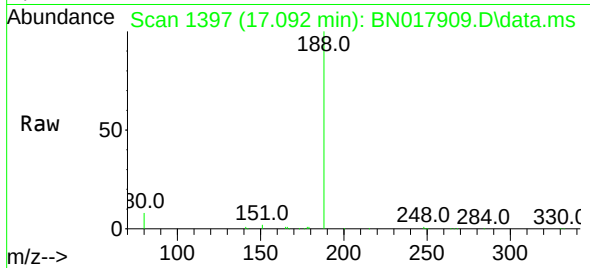
Tgt Ion:172 Resp: 67764
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.6 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

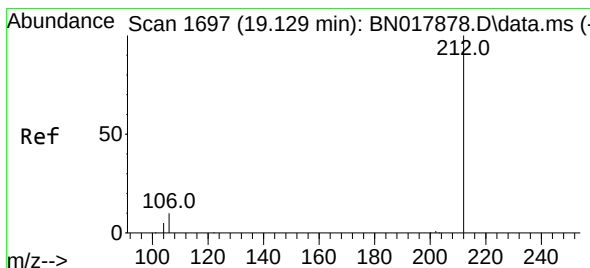
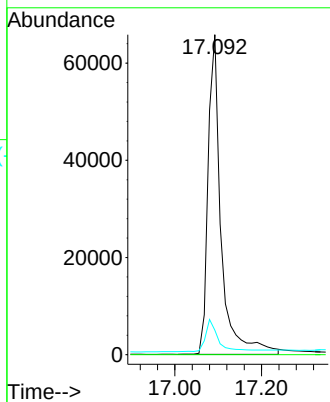
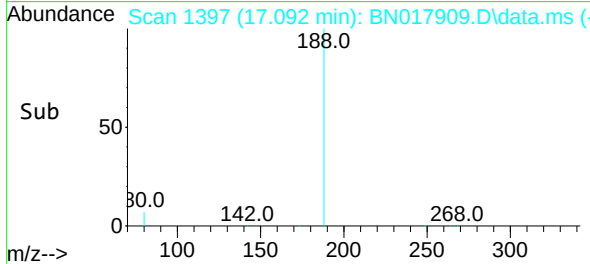
Instrument :
BNA_N
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RE114D2-20211206



Tgt Ion:188 Resp: 136678
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.2 9.2

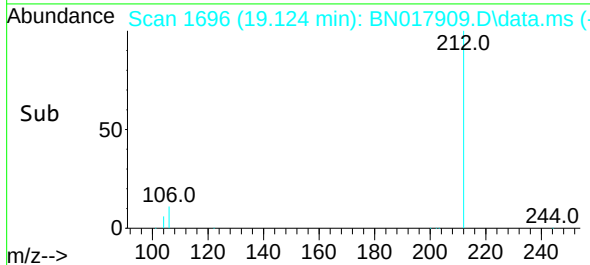
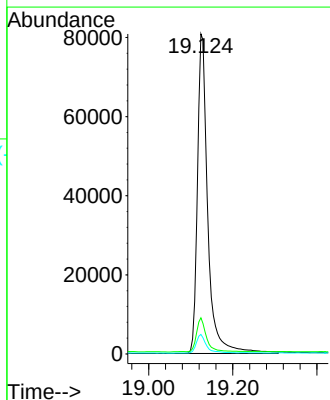
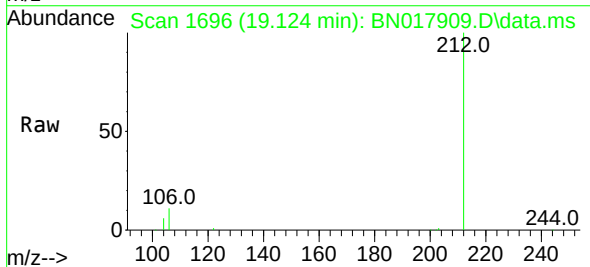
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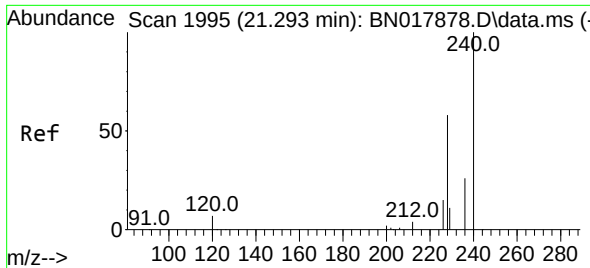
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#27
Fluoranthene-d10
Concen: 0.314 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

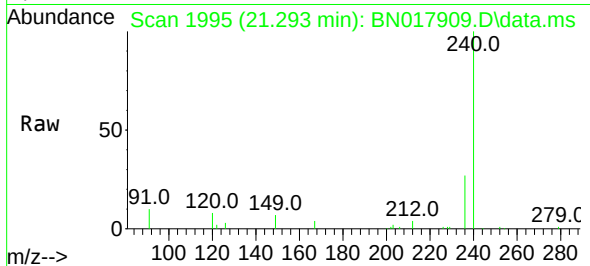
Tgt Ion:212 Resp: 138984
Ion Ratio Lower Upper
212 100
106 9.9 8.3 12.5
104 5.6 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

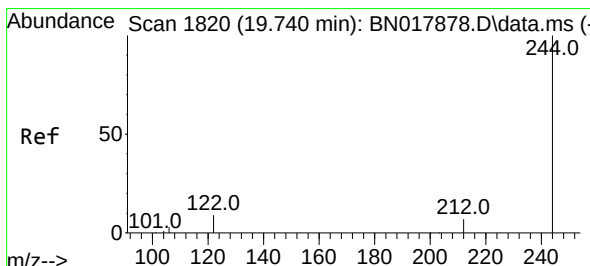
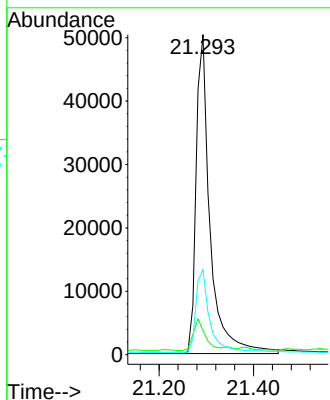
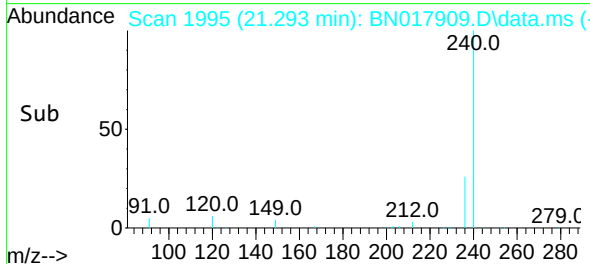
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206



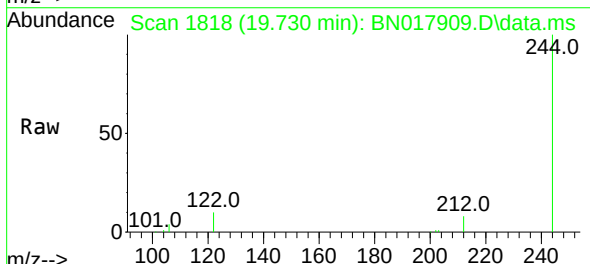
Tgt Ion:240 Resp: 10324
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 26.6 21.0 31.6

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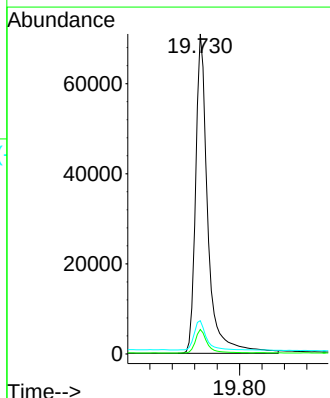
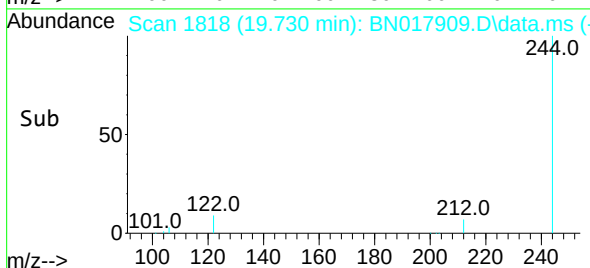
Reviewed By :Christian Giraldo 12/13/2021
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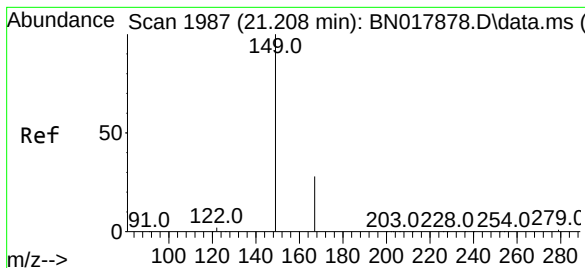


#31
Terphenyl-d14
Concen: 0.422 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34



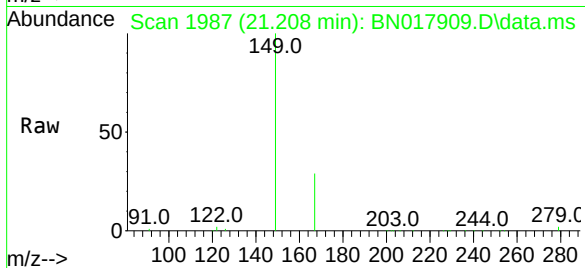
Tgt Ion:244 Resp: 107335
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.4 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 3.850 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34

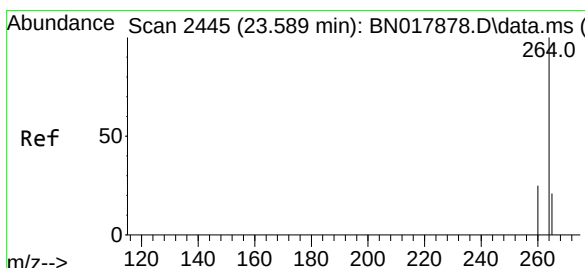
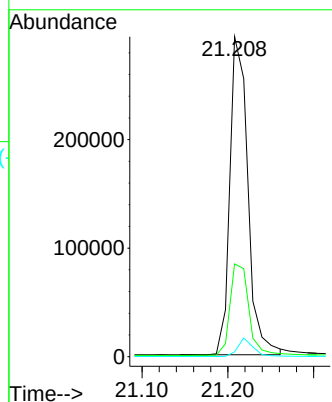
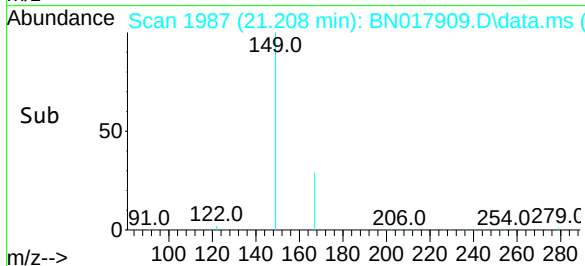
Instrument :
BNA_N
ClientSampleId :
RE114D2-20211206



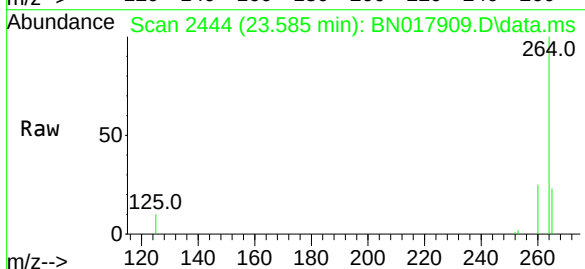
Tgt Ion:149 Resp: 426697
Ion Ratio Lower Upper
149 100
167 30.1 23.4 35.0
279 4.9 3.6 5.4

Manual Integrations
APPROVED

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.585 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN017909.D
Acq: 11 Dec 2021 16:34



Tgt Ion:264 Resp: 76560
Ion Ratio Lower Upper
264 100
260 25.5 20.2 30.4
265 22.6 18.2 27.4

