

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017925.D
 Acq On : 12 Dec 2021 04:05
 Operator : CG/JU
 Sample : M4956-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20211204

Quant Time: Dec 13 00:02:45 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	7.715	152	23654	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	97465	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	64645	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	134643	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	95835	0.400	ng	#-0.01
35) Perylene-d12	23.586	264	70118	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7113	0.146	ng	0.00
5) Phenol-d6	6.903	99	3936	0.081	ng	0.00
8) Nitrobenzene-d5	8.859	82	19771	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	52987	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	16641	0.804	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	85477	0.376	ng	0.00
27) Fluoranthene-d10	19.124	212	175633	0.402	ng	0.00
31) Terphenyl-d14	19.730	244	162661	0.688	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	1072m	0.149	ng	Qvalue
25) Phenanthrene	17.129	178	7602	0.022	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.208	149	18917	0.184	ng	100

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

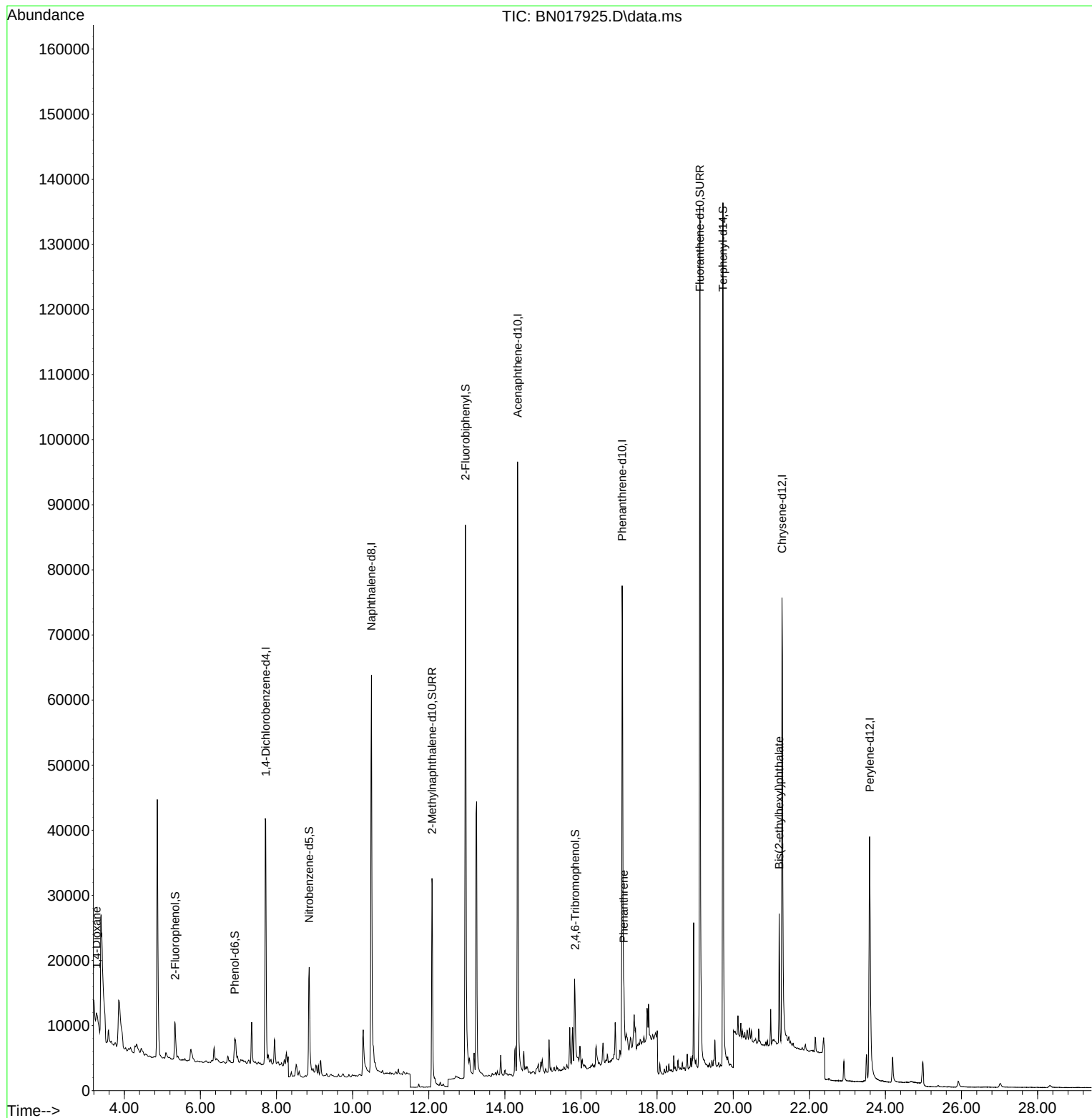
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017925.D
Acq On : 12 Dec 2021 04:05
Operator : CG/JU
Sample : M4956-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

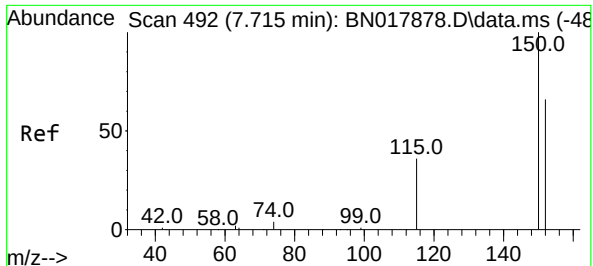
Instrument :
BNA_N
ClientSampleId :
RE123D1-20211204

Quant Time: Dec 13 00:02:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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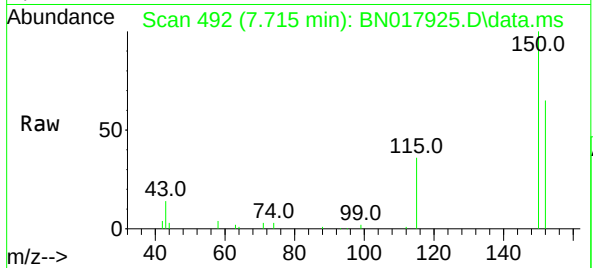
Reviewed By : Christian Giraldo 12/13/2021
Supervised By : Jagrut Upadhyay 12/13/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

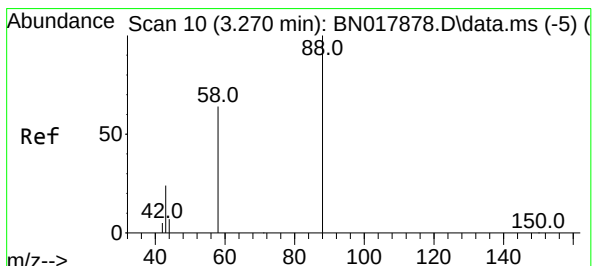
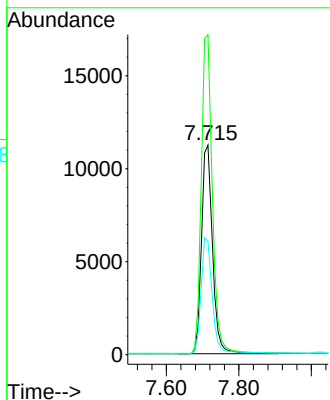
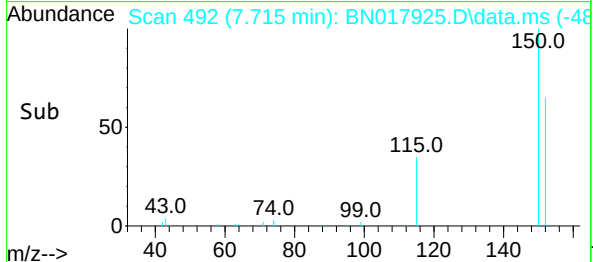
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20211204



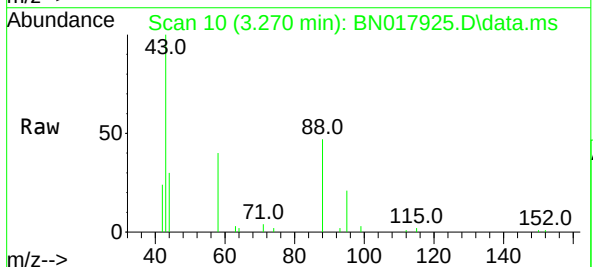
Tgt Ion: 152 Resp: 23654
 Ion Ratio Lower Upper
 152 100
 150 152.7 121.9 182.9
 115 54.3 44.1 66.1

Manual Integrations
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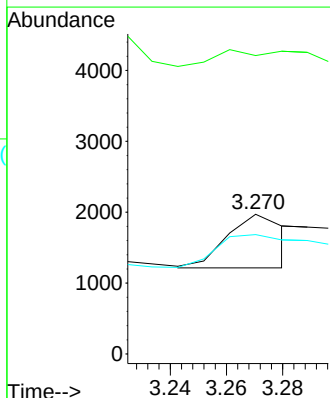
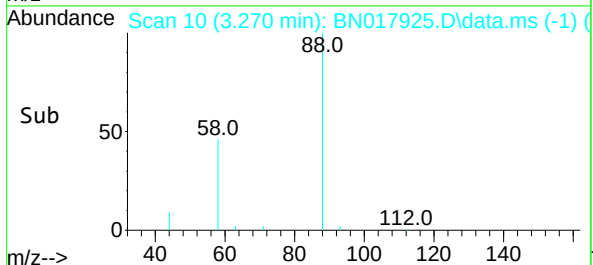
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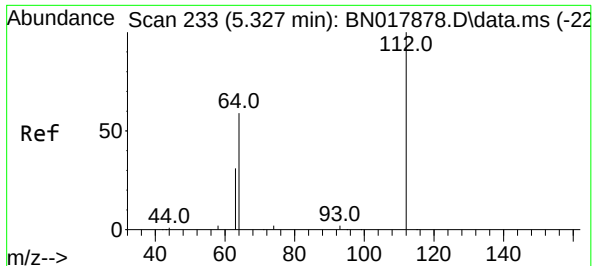


#2
 1,4-Dioxane
 Concen: 0.149 ng m
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05



Tgt Ion: 88 Resp: 1072
 Ion Ratio Lower Upper
 88 100
 43 46.8 28.0 42.0#
 58 108.6 65.4 98.0#





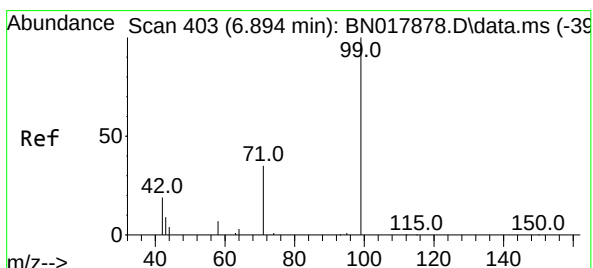
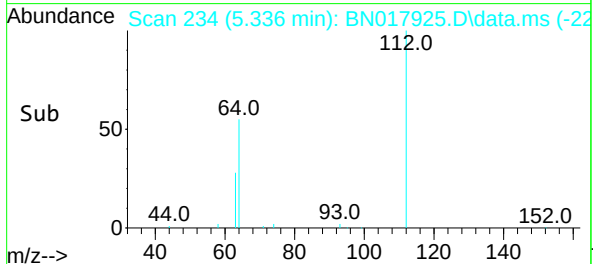
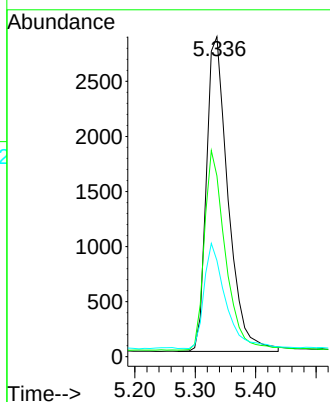
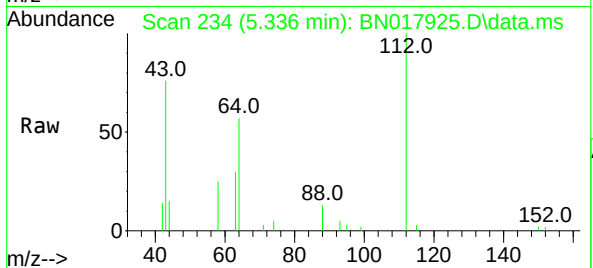
#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

Instrument :
BNA_N
ClientSampleId :
RE123D1-20211204

Tgt Ion: 112 Resp: 711
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 33.0 26.2 39.2

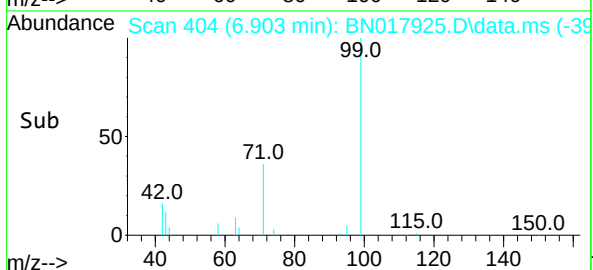
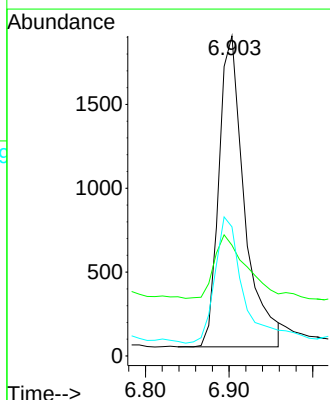
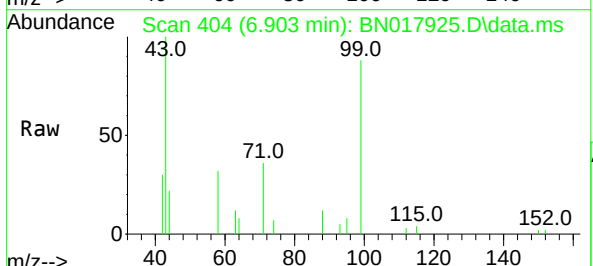
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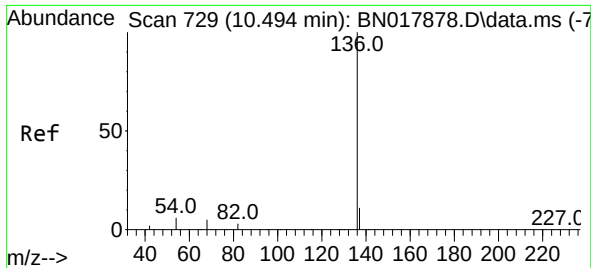
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#5
Phenol-d6
Concen: 0.081 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

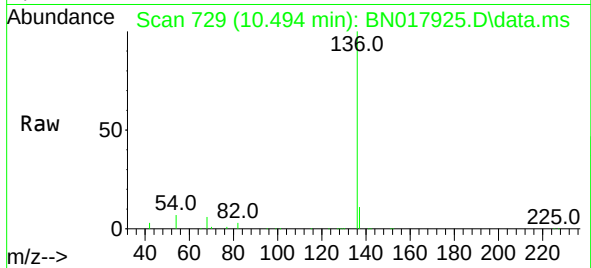
Tgt Ion: 99 Resp: 3936
Ion Ratio Lower Upper
99 100
42 25.0 17.0 25.4
71 43.6 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

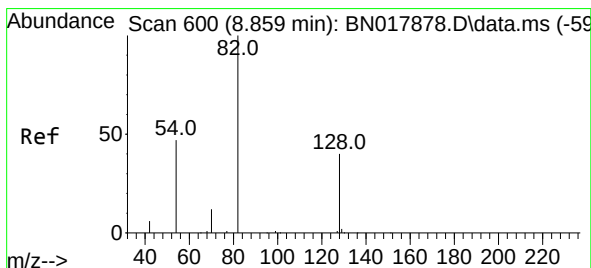
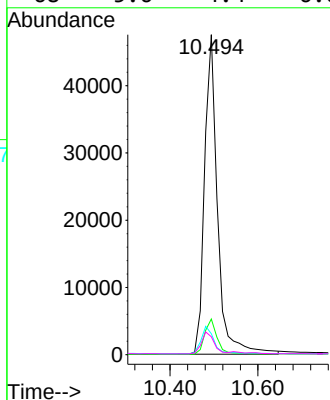
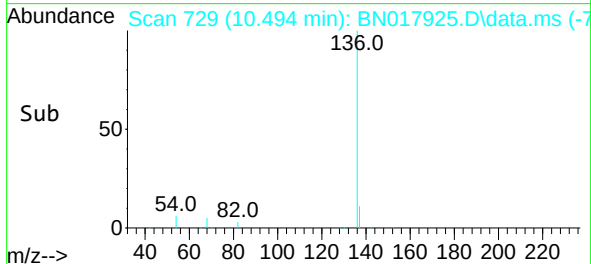
Instrument :
BNA_N
ClientSampleId :
RE123D1-20211204



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.6	4.4	6.6

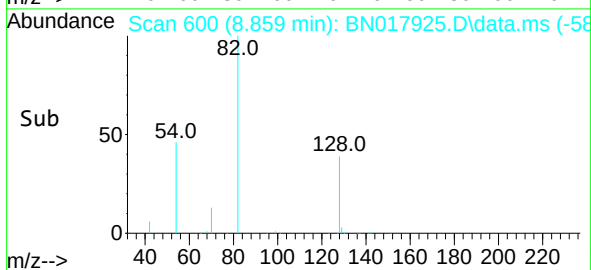
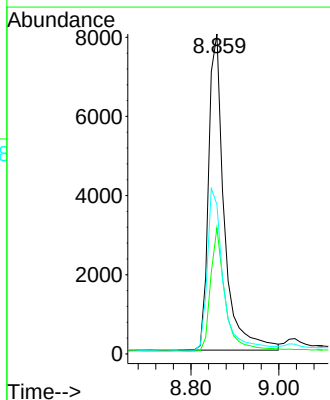
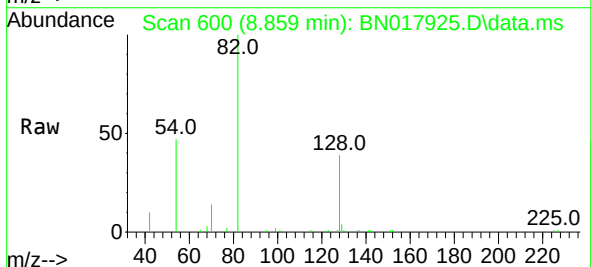
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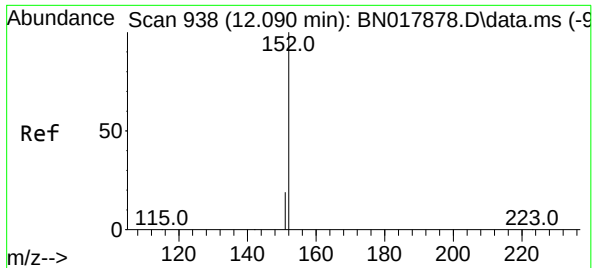
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.2	48.4
54	46.8	37.6	56.4





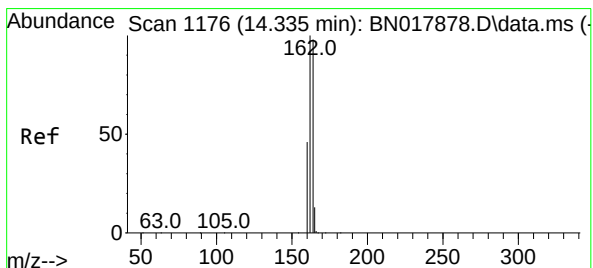
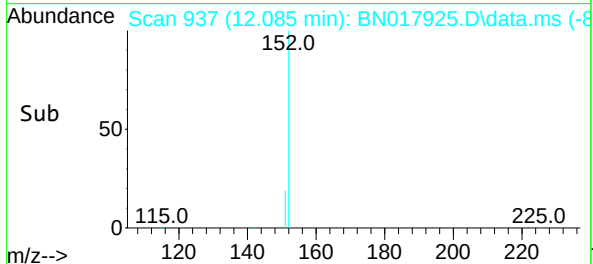
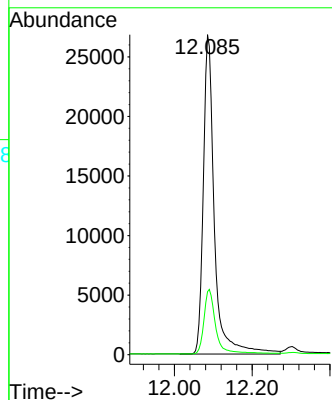
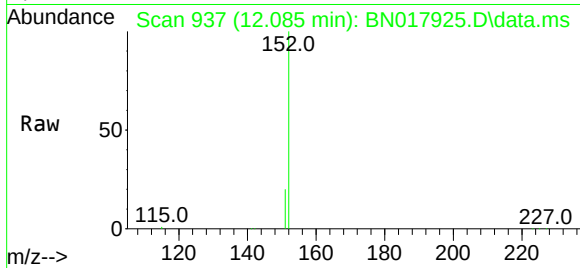
#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.085 min Scan# 911
Delta R.T. -0.004 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

Instrument :
BNA_N
ClientSampleId :
RE123D1-20211204

Tgt Ion:152 Resp: 5298
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6

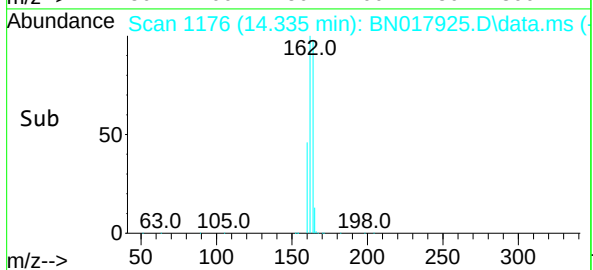
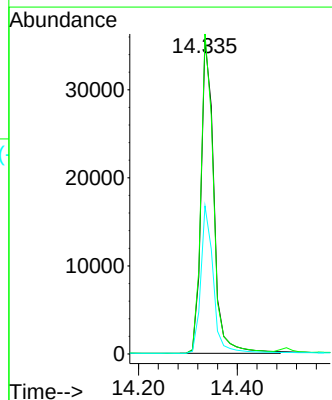
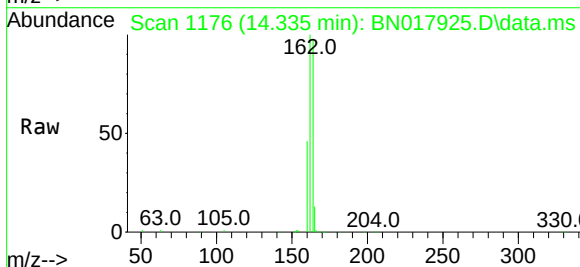
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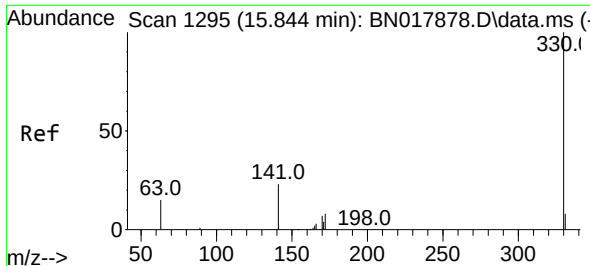
Reviewed By :Christian Giraldo 12/13/2021
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

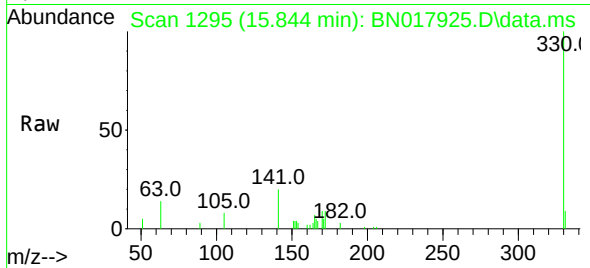
Tgt Ion:164 Resp: 64645
Ion Ratio Lower Upper
164 100
162 102.0 82.1 123.1
160 47.2 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.804 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

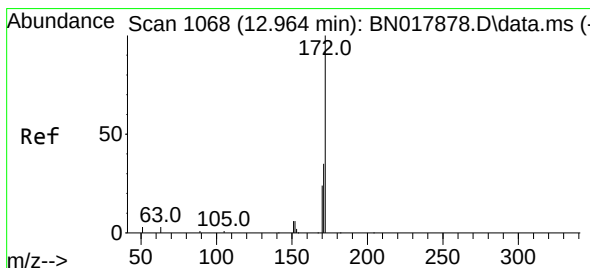
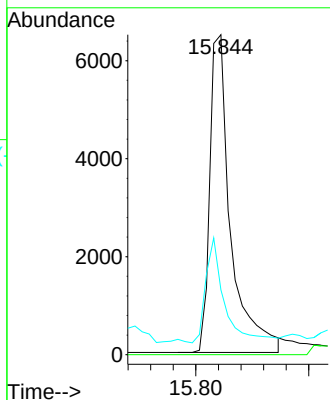
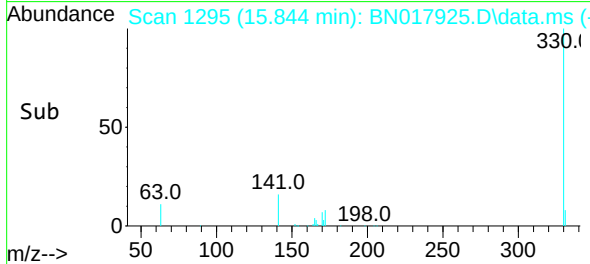
Instrument :
BNA_N
ClientSampleId :
RE123D1-20211204



Tgt Ion:330 Resp: 1664
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.7 19.7 29.5

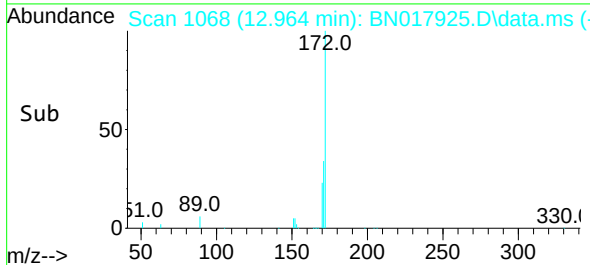
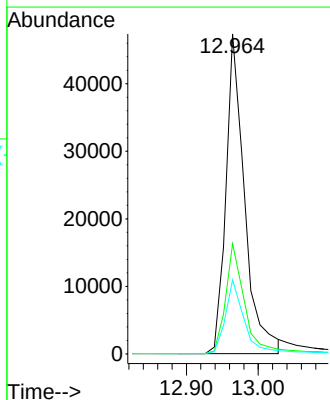
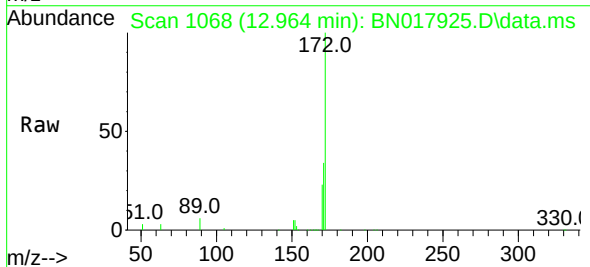
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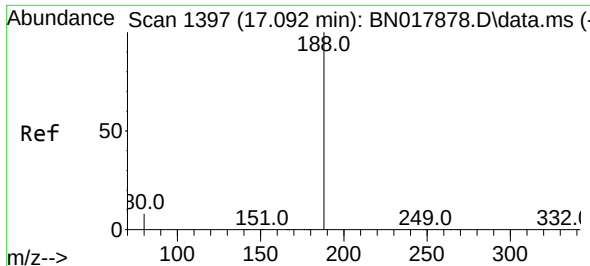
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

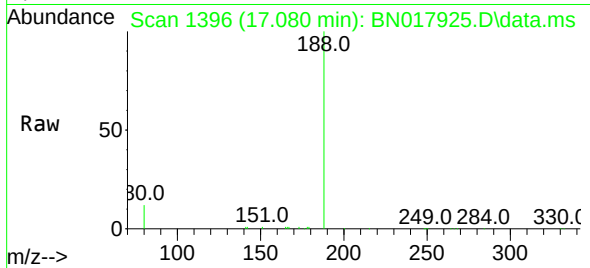
Tgt Ion:172 Resp: 85477
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.2 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

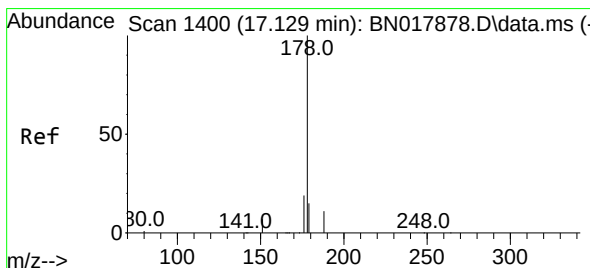
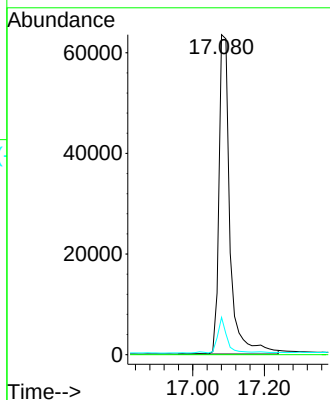
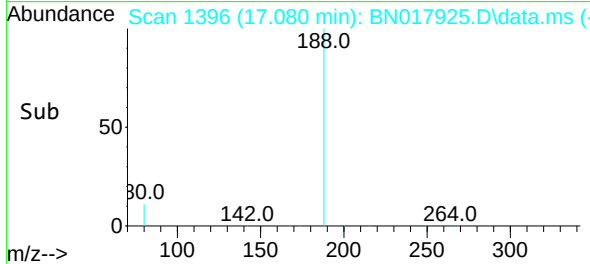
Instrument :
BNA_N
ClientSampleId :
RE123D1-20211204



Tgt Ion:188 Resp: 13464
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 6.2 9.2

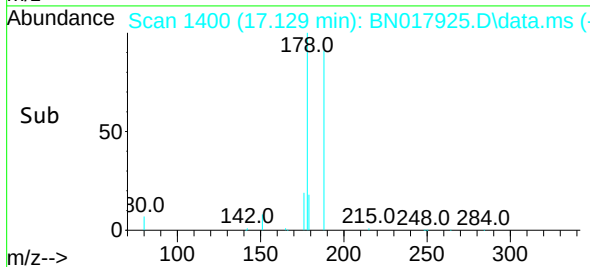
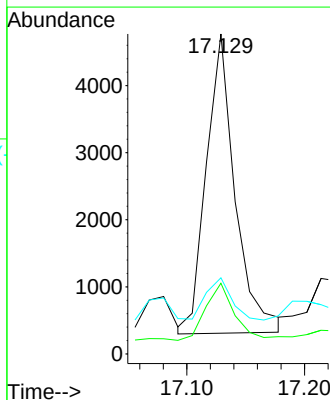
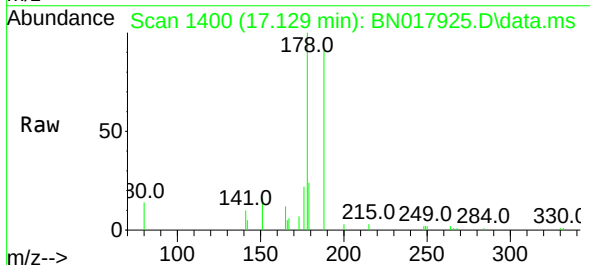
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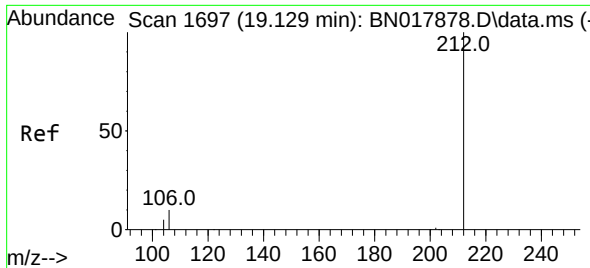
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#25
Phenanthrene
Concen: 0.022 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

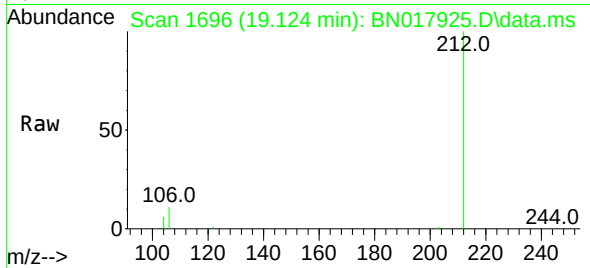
Tgt Ion:178 Resp: 7602
Ion Ratio Lower Upper
178 100
176 22.6 15.0 22.6#
179 12.3 12.4 18.6#





#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

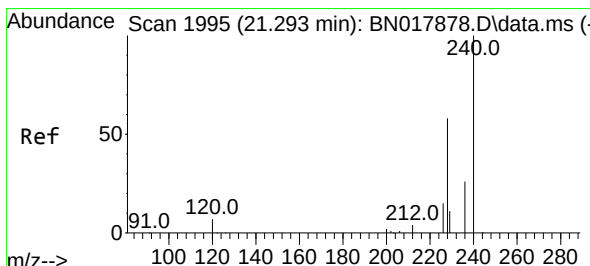
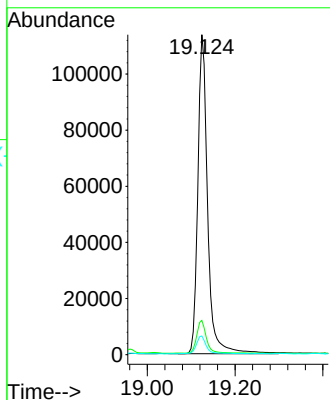
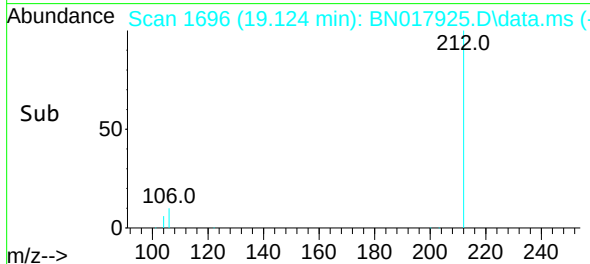
Instrument :
BNA_N
ClientSampleId :
RE123D1-20211204



Tgt Ion:212 Resp: 17563
Ion Ratio Lower Upper
212 100
106 10.0 8.3 12.5
104 5.8 4.6 6.8

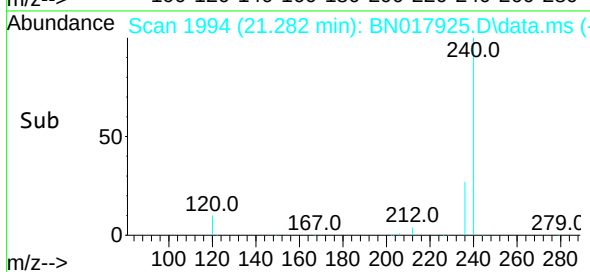
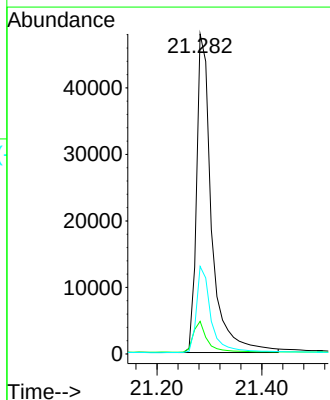
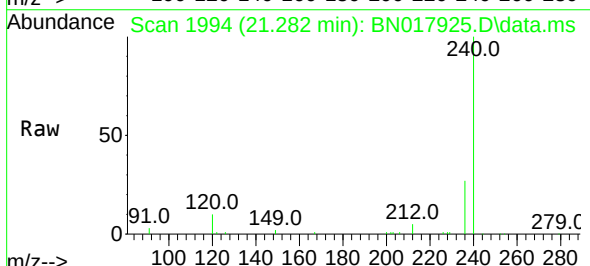
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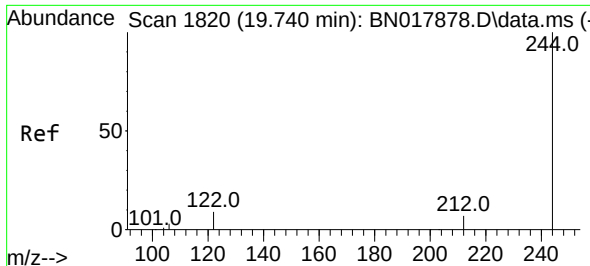
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

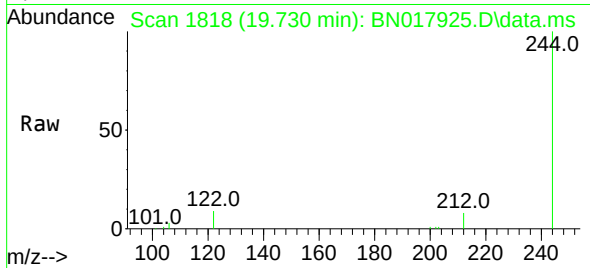
Tgt Ion:240 Resp: 95835
Ion Ratio Lower Upper
240 100
120 10.2 5.8 8.8#
236 27.3 21.0 31.6





#31
 Terphenyl-d14
 Concen: 0.688 ng
 RT: 19.730 min Scan# 1820
 Delta R.T. -0.010 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

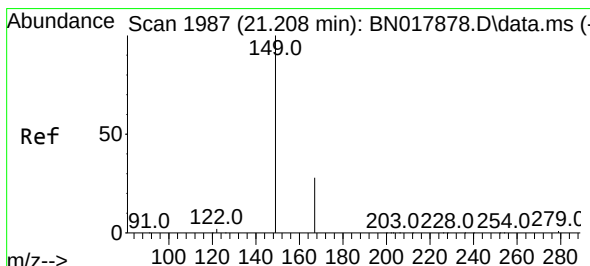
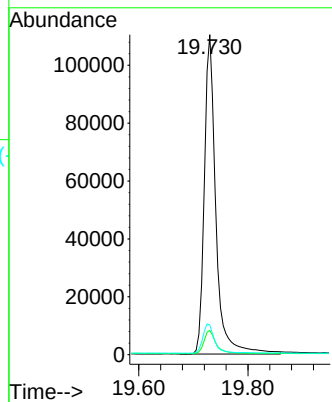
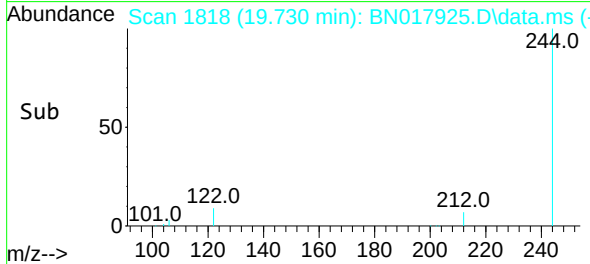
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20211204



Tgt Ion:244 Resp: 16266
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.3 7.5 11.3

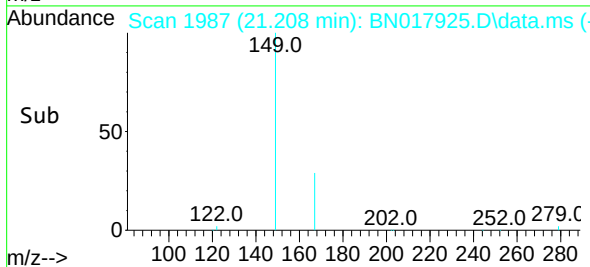
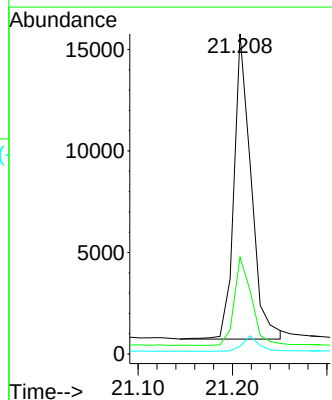
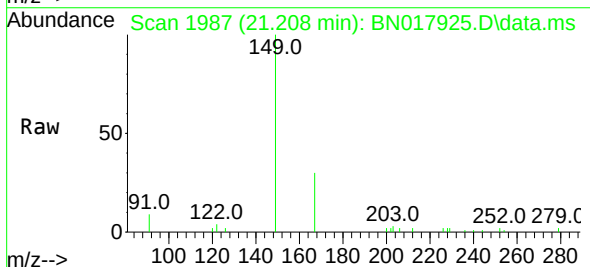
Manual Integrations
 APPROVED

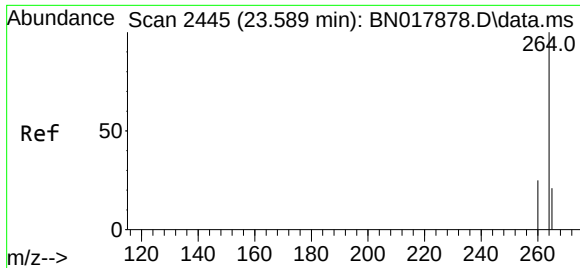
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.184 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

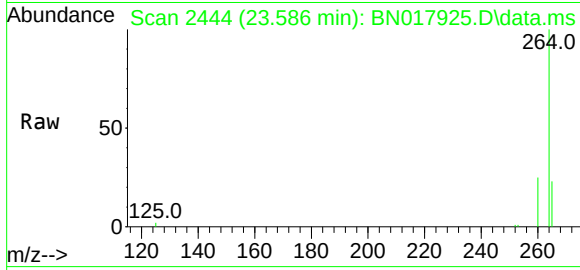
Tgt Ion:149 Resp: 18917
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.4 35.0
 279 4.8 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2444
 Delta R.T. -0.003 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20211204



Tgt Ion:264 Resp: 70118

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	22.7	18.2	27.4

Manual Integrations
 APPROVED

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

