

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016502.D
 Acq On : 26 Sep 2021 08:38
 Operator : CG/JU
 Sample : M3833-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210920

Manual Integrations
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Quant Time: Sep 27 05:30:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	18081	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	73074	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	31083	0.40	ng	# 0.00
19) Phenanthrene-d10	17.042	188	66957	0.40	ng	0.00
29) Chrysene-d12	21.249	240	62579	0.40	ng	0.00
35) Perylene-d12	23.515	264	51266	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	2847	0.07	ng	0.03
5) Phenol-d6	6.849	99	2381	0.05	ng	0.00
8) Nitrobenzene-d5	8.810	82	14419	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	33197	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	629	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	48448	0.37	ng	-0.01
27) Fluoranthene-d10	19.083	212	74982	0.41	ng	0.00
31) Terphenyl-d14	19.693	244	59740	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.300	88	1501m	0.19	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.185	149	4592	0.09	ng	96

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

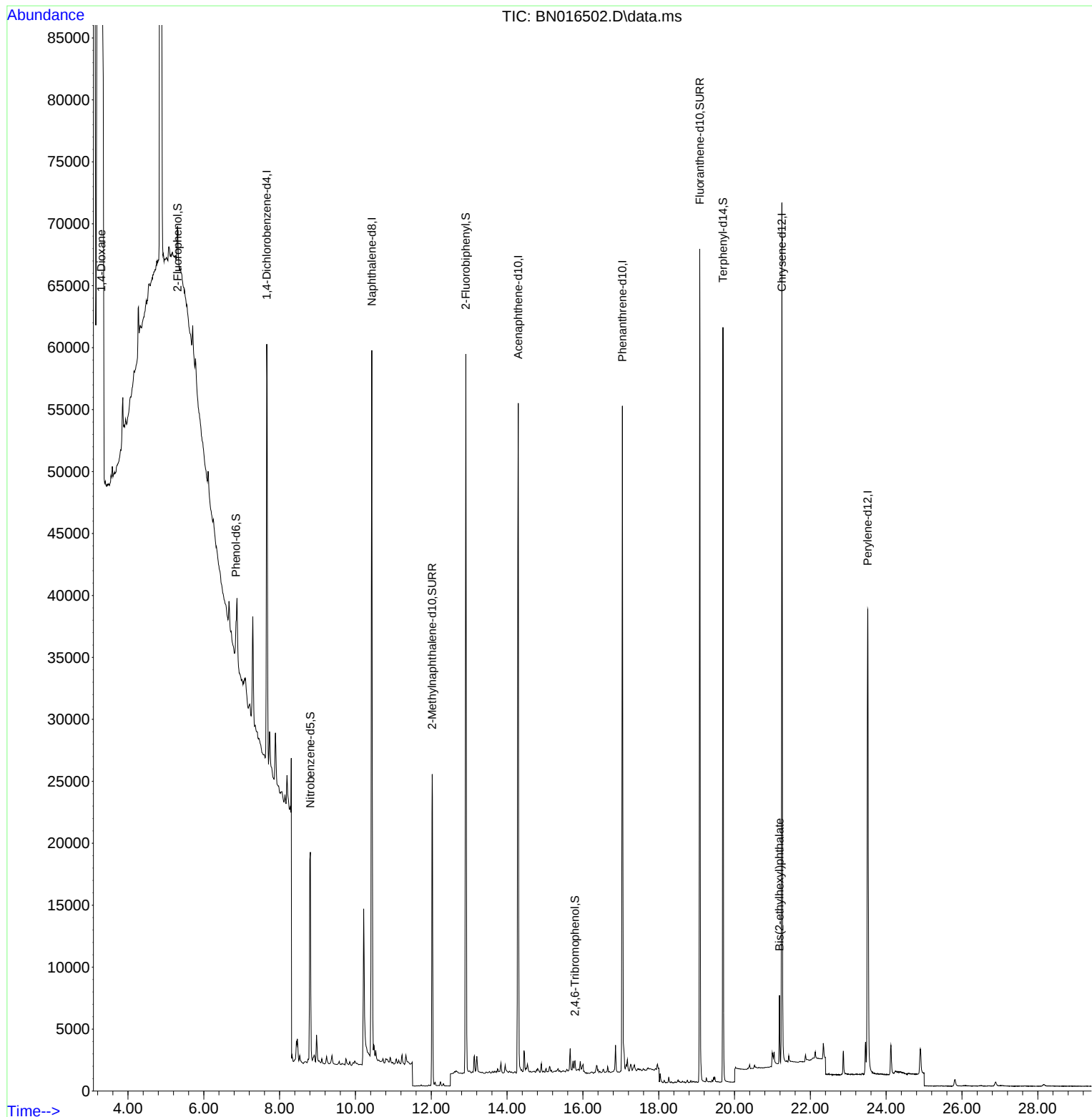
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.661 min Scan# 497
 Delta R.T. -0.009 min
 Lab File: BN016502.D
 Acq: 26 Sep 2021 08:38

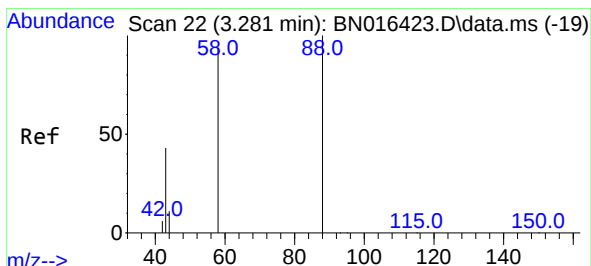
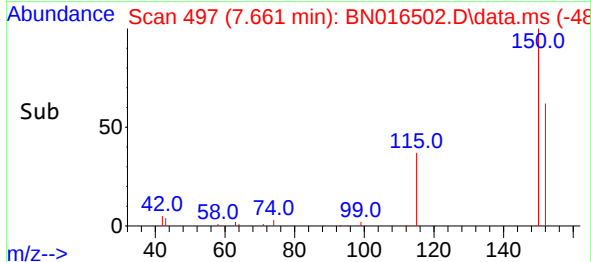
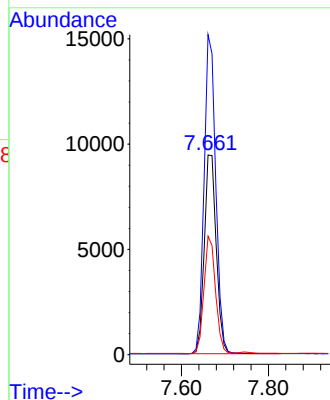
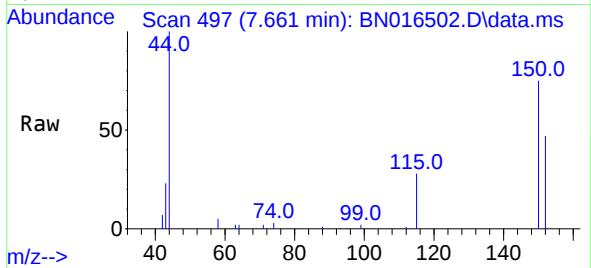
Tgt Ion: 152 Resp: 18081

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.6	188.4
115	59.3	50.2	75.2

Instrument :
 BNA_N
 ClientSampleId :
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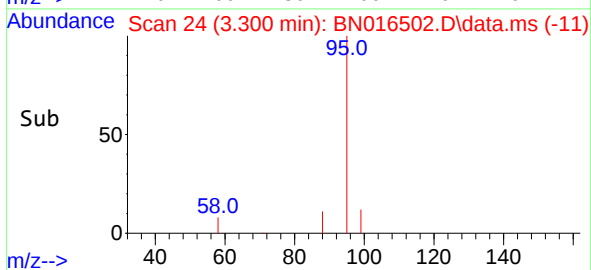
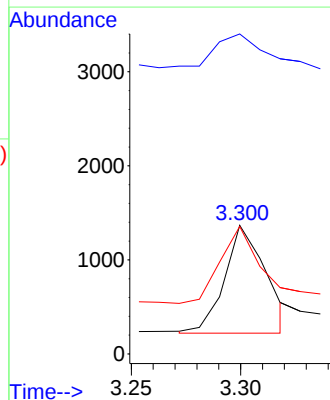
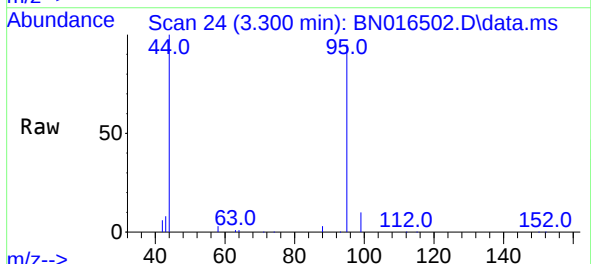
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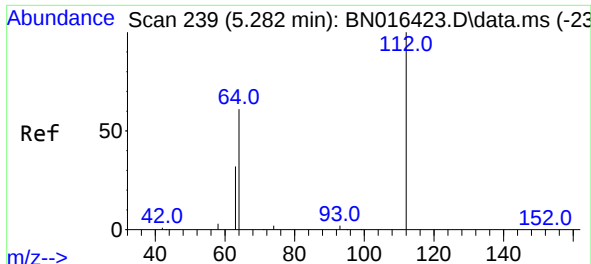


#2
 1,4-Dioxane
 Concen: 0.19 ng m
 RT: 3.300 min Scan# 24
 Delta R.T. 0.019 min
 Lab File: BN016502.D
 Acq: 26 Sep 2021 08:38

Tgt Ion: 88 Resp: 1501

Ion	Ratio	Lower	Upper
88	100		
43	31.7	20.3	30.5#
58	60.4	69.9	104.9#





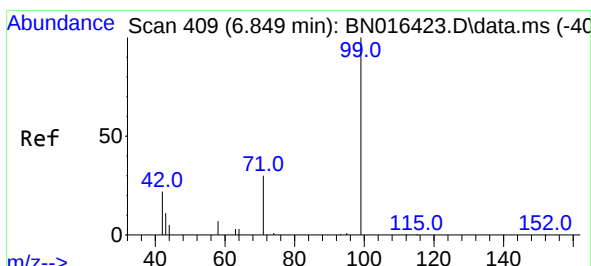
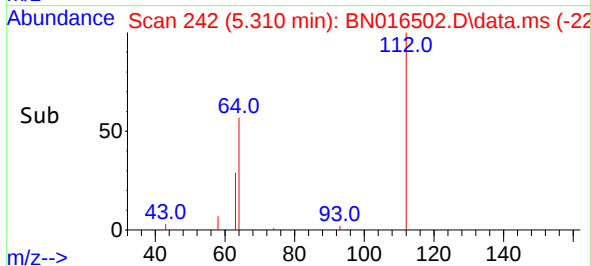
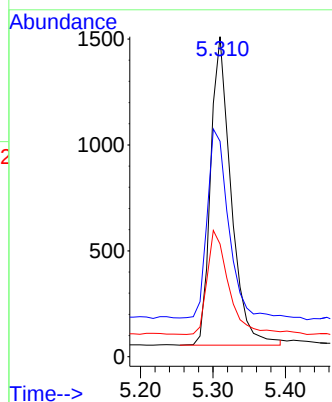
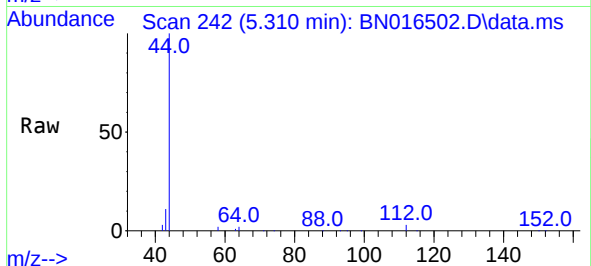
#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion: 112 Resp: 2847
Ion Ratio Lower Upper
112 100
64 63.5 47.3 70.9
63 35.6 23.4 35.0#

Instrument :
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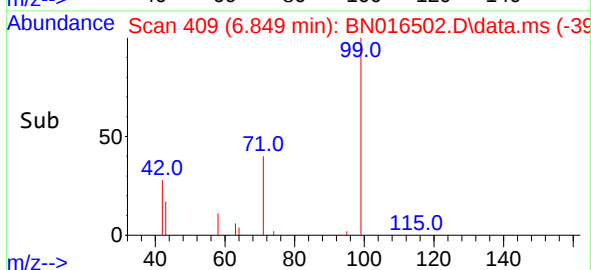
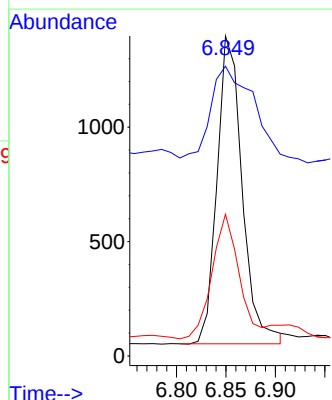
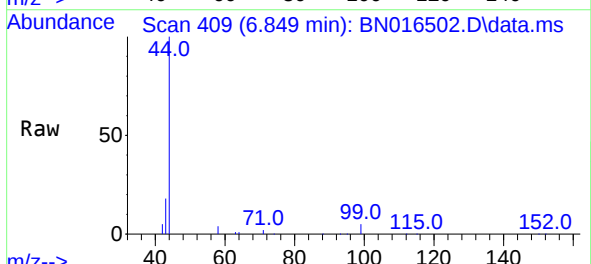
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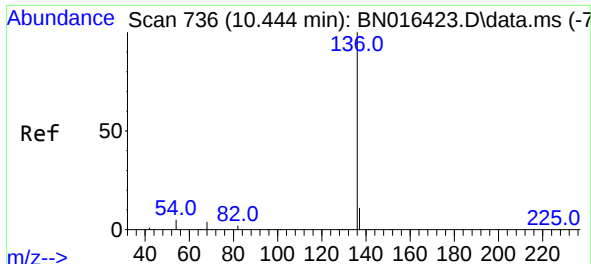
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#5
Phenol-d6
Concen: 0.05 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

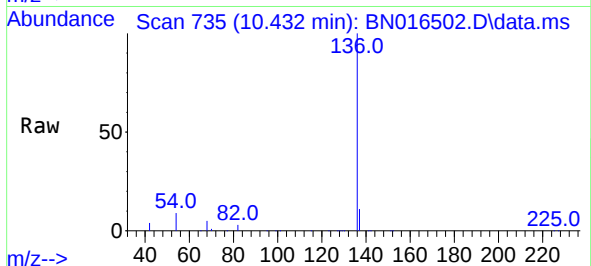
Tgt Ion: 99 Resp: 2381
Ion Ratio Lower Upper
99 100
42 48.7 14.0 21.0#
71 43.6 23.8 35.6#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

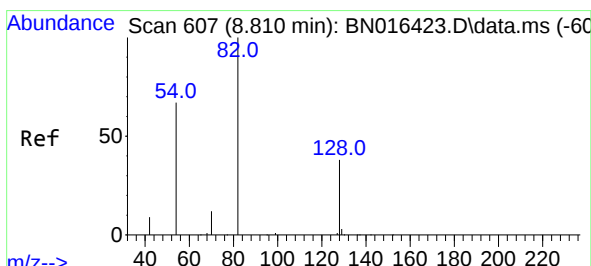
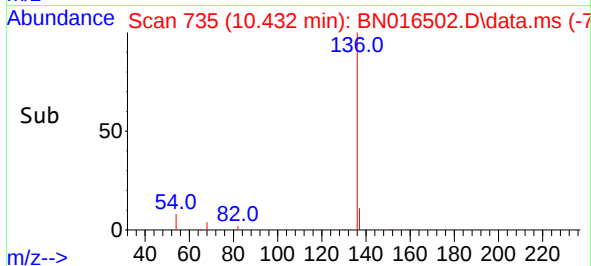
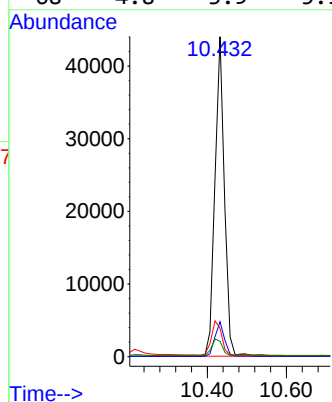
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BNA_N
ClientSampleId :
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Tgt Ion:	136	Resp:	73074
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.8	5.3	7.9#
68	4.8	3.9	5.9

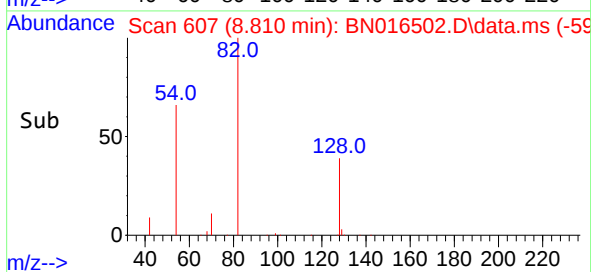
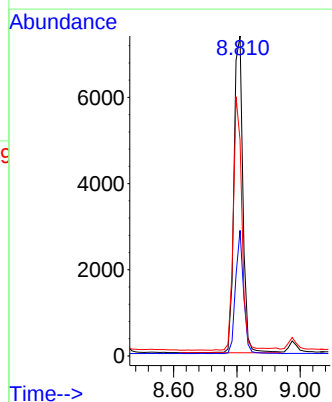
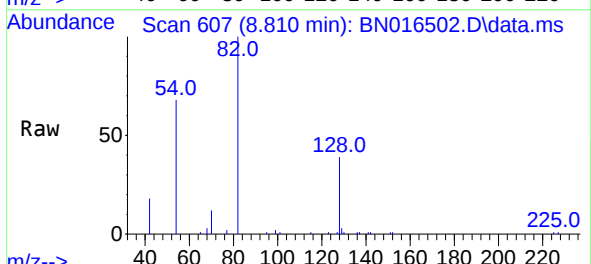
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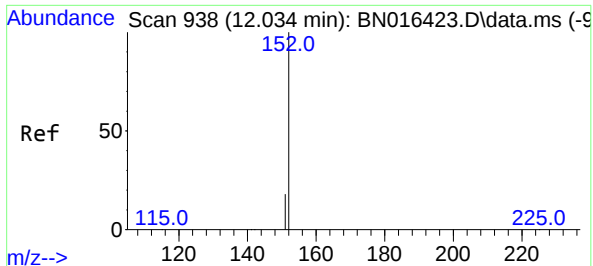
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#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:	82	Resp:	14419
Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.7	47.5
54	67.5	46.4	69.6





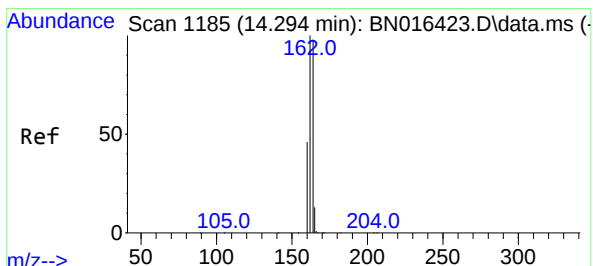
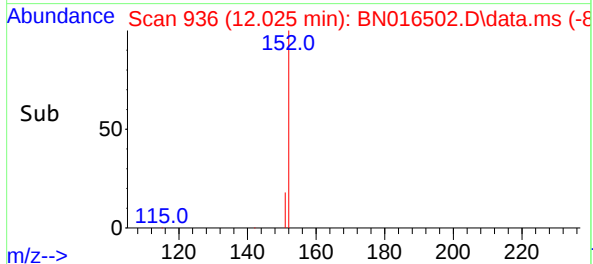
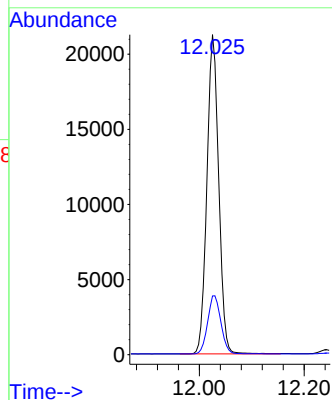
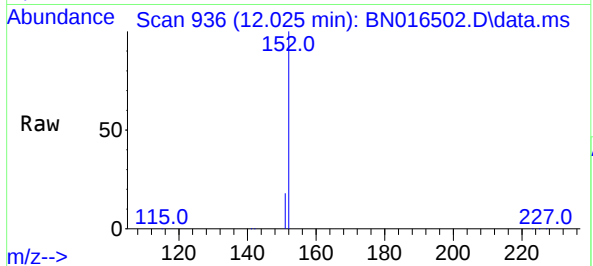
#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016502.D
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Tgt Ion:152 Resp: 33197
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1

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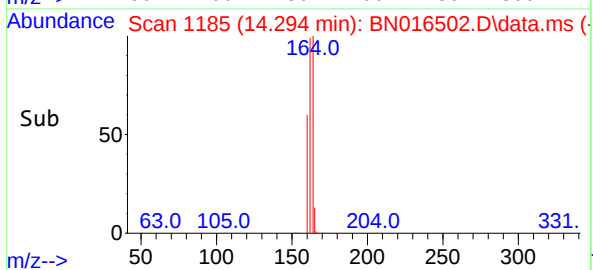
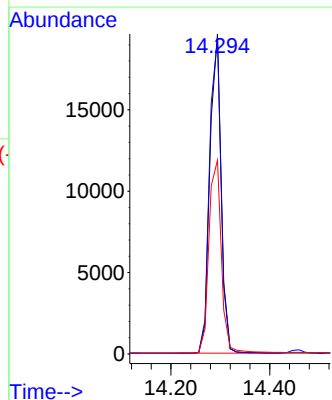
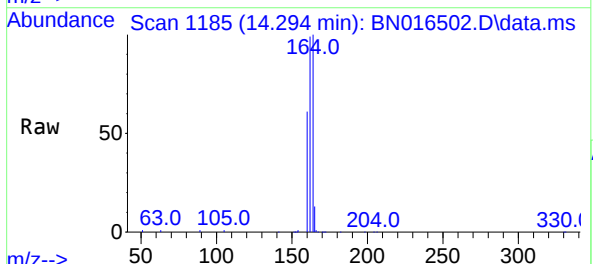
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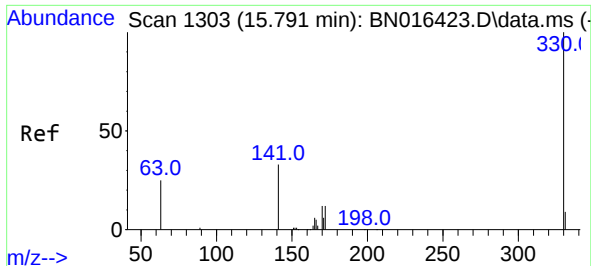
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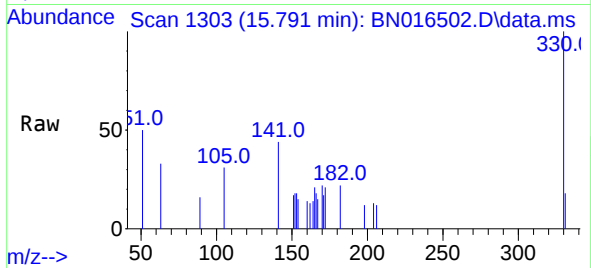
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:164 Resp: 31083
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.4
160 60.6 34.1 51.1#

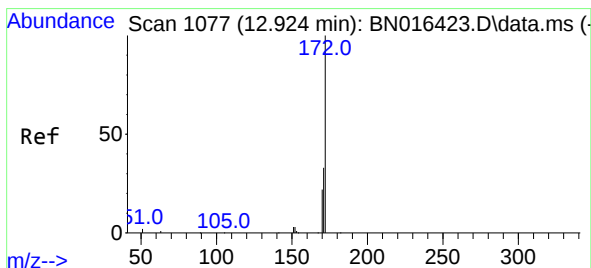
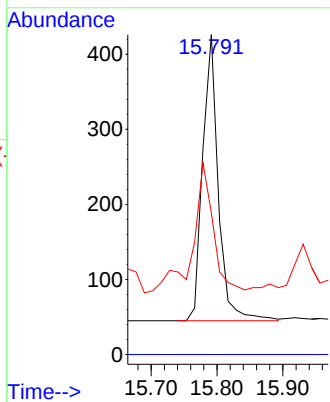
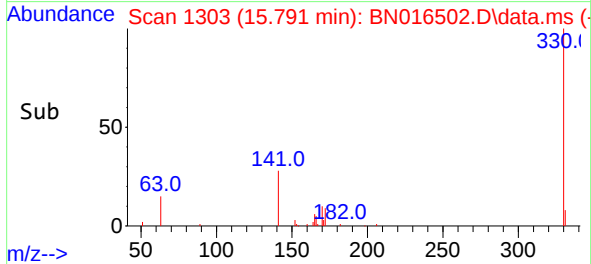




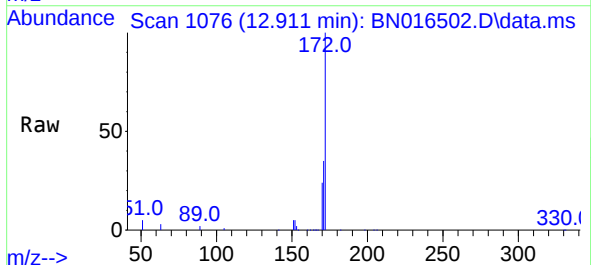
#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38



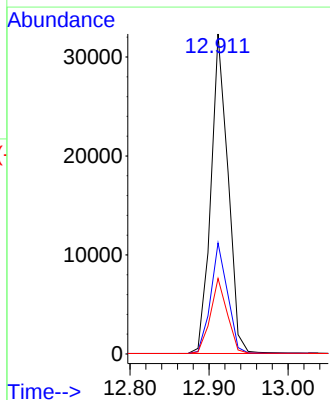
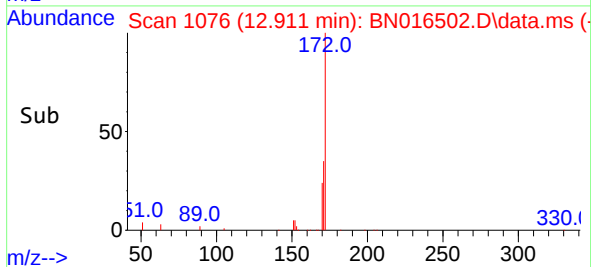
Tgt Ion: 330 Resp: 629
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.1 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38



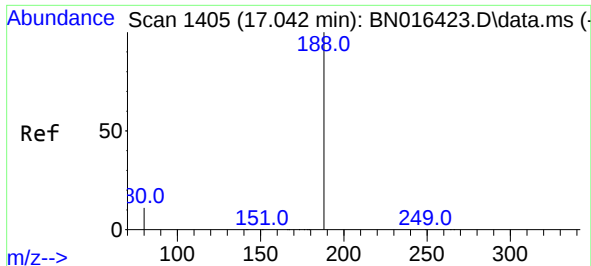
Tgt Ion: 172 Resp: 48448
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.6 18.2 27.2



Instrument :
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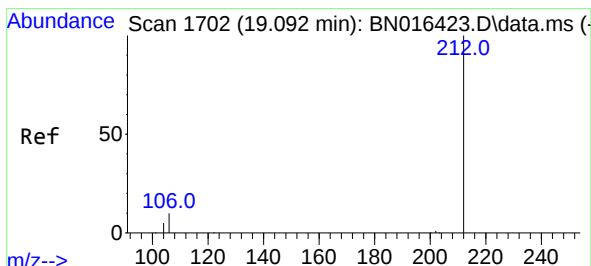
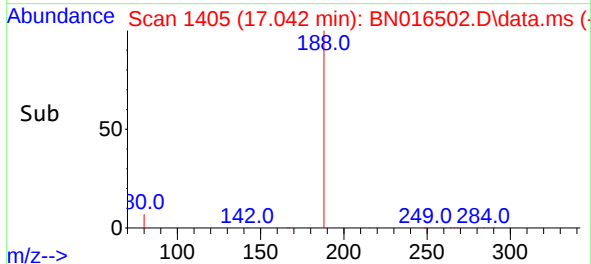
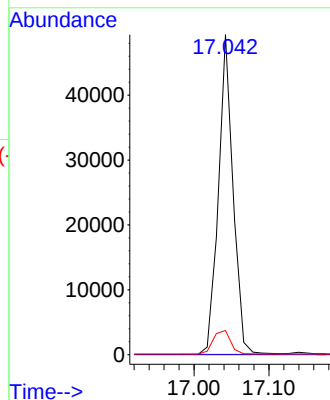
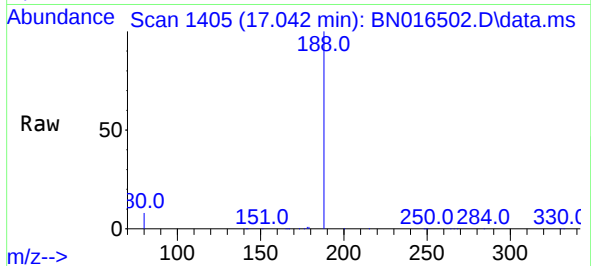
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:	188	Resp:	66957
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.6	7.0	10.6

Instrument :
BNA_N
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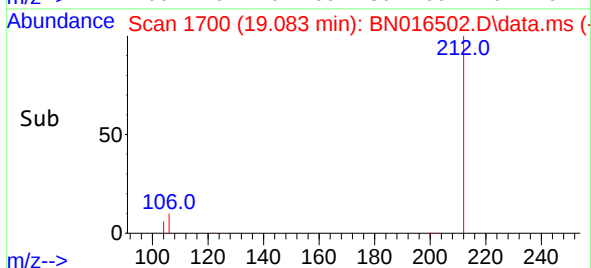
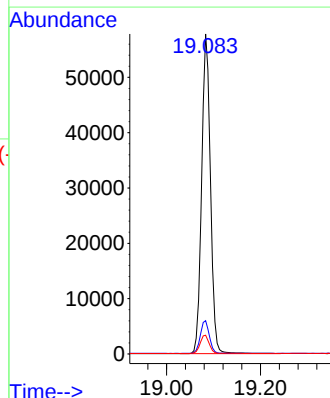
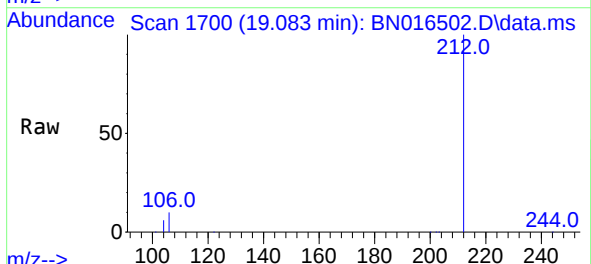
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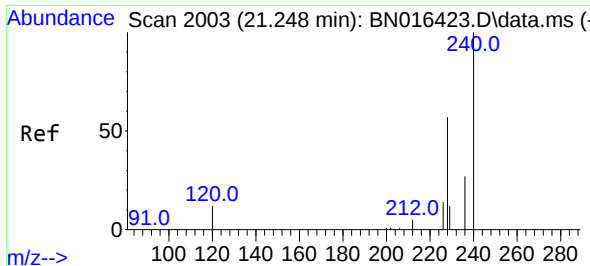
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#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016502.D
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Tgt Ion:	212	Resp:	74982
Ion Ratio	Lower	Upper	
212	100		
106	10.5	9.8	14.6
104	5.9	5.4	8.2





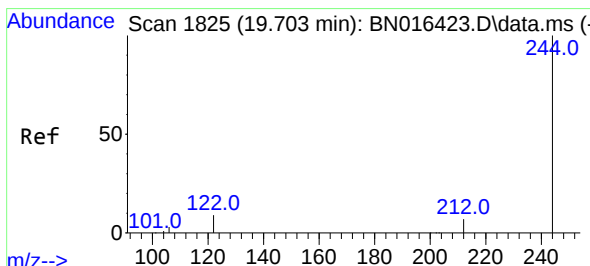
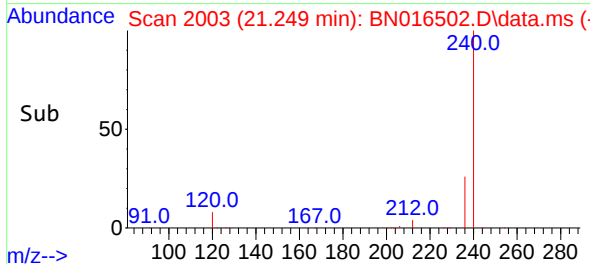
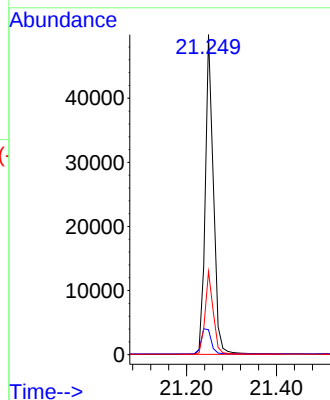
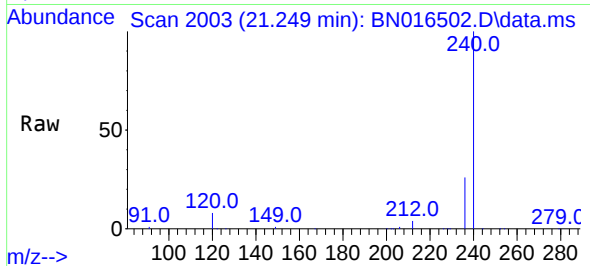
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:240 Resp: 62579
Ion Ratio Lower Upper
240 100
120 7.8 5.3 7.9
236 26.0 19.8 29.8

Instrument :
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ClientSampleId :
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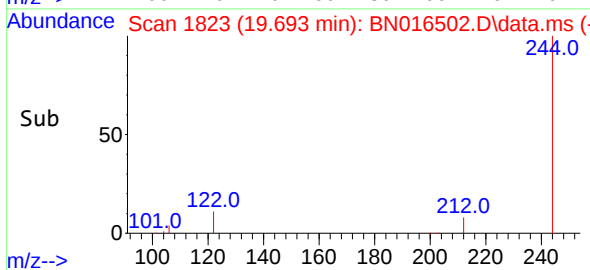
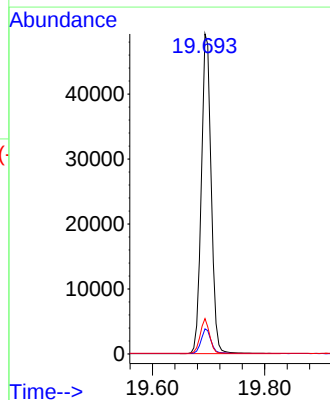
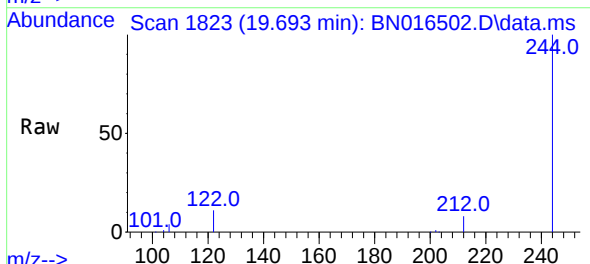
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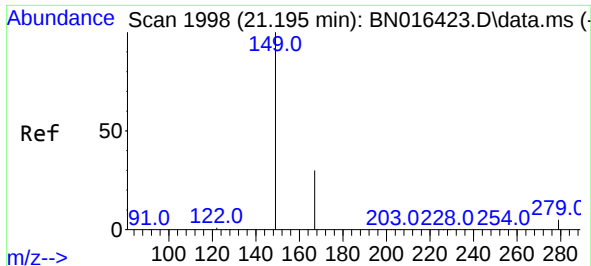
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#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.693 min Scan# 1823
Delta R.T. -0.010 min
Lab File: BN016502.D
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Tgt Ion:244 Resp: 59740
Ion Ratio Lower Upper
244 100
212 7.9 5.5 8.3
122 11.0 9.0 13.4





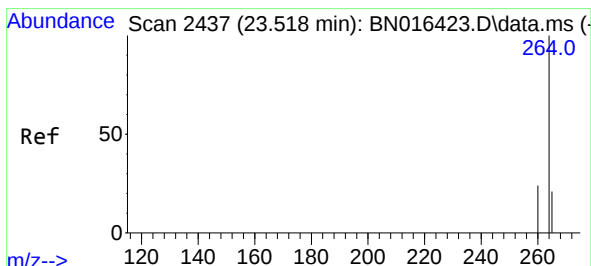
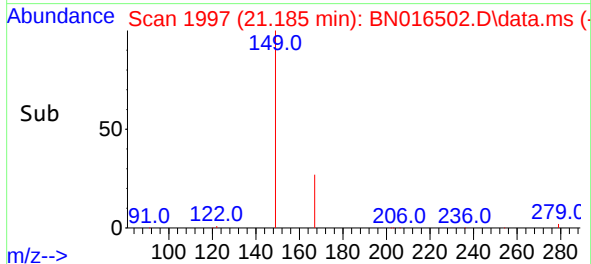
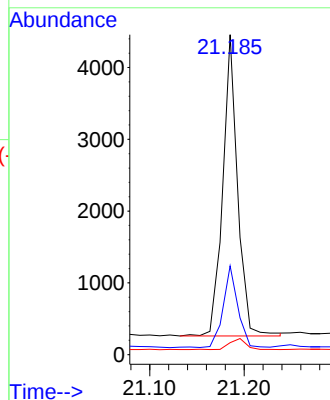
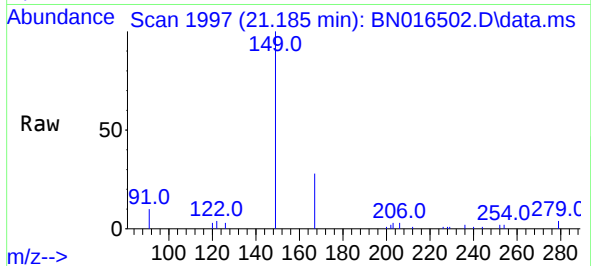
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:149 Resp: 4592
Ion Ratio Lower Upper
149 100
167 26.9 23.4 35.0
279 3.9 3.9 5.9

Instrument :
BNA_N
ClientSampleId :
RE103D2-20210920

Manual Integrations
APPROVED

mohammad
9/28/2021 1:37:27 PM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.003 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:264 Resp: 51266
Ion Ratio Lower Upper
264 100
260 24.6 18.9 28.3
265 23.7 23.7 35.5

