

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028552.D
 Acq On : 10 Nov 2023 11:57
 Operator : MA/JU
 Sample : 05044-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHEH2

Quant Time: Nov 10 23:26:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

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

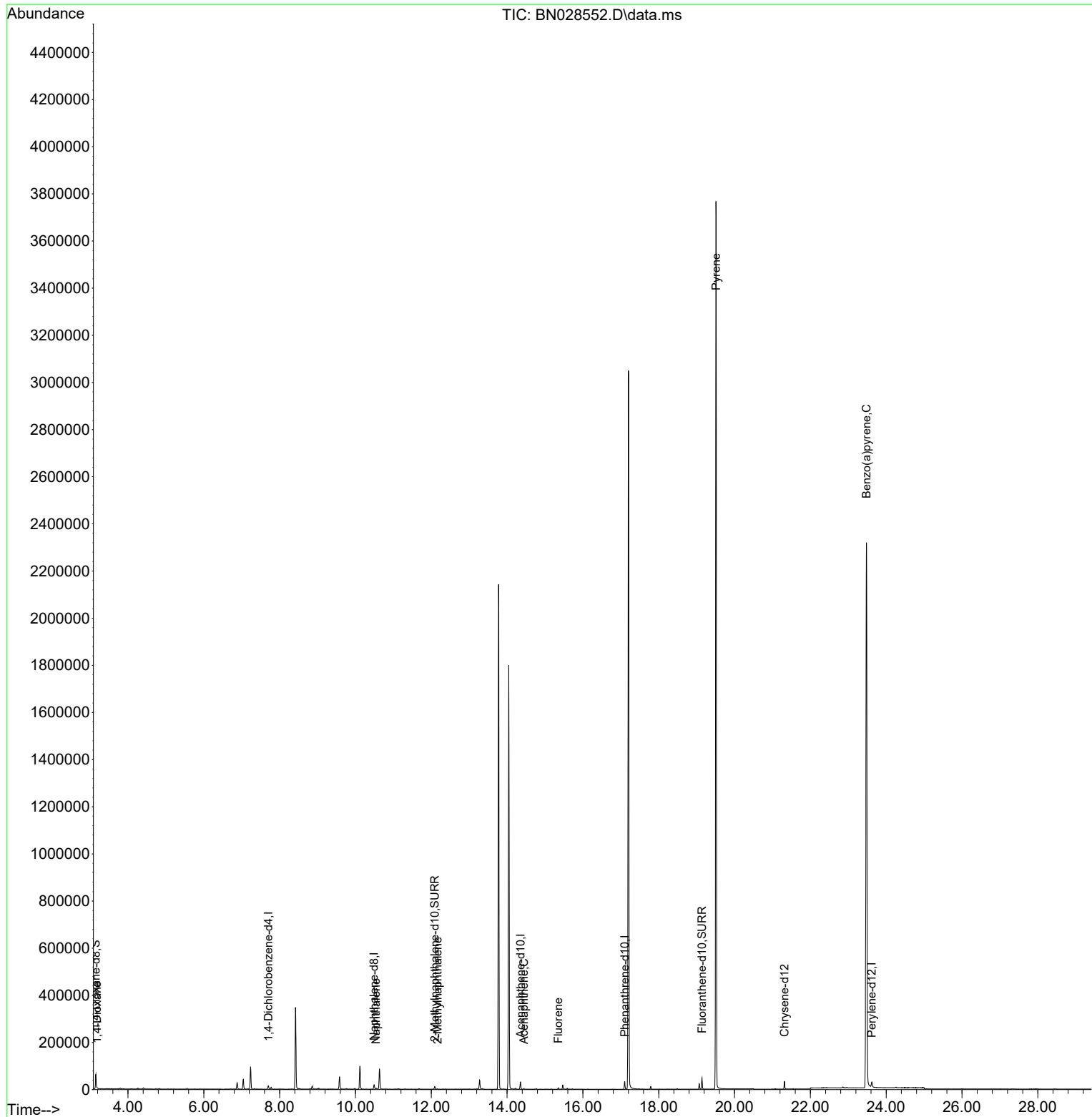
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	7352	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	24670	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	16842	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.103	188	37816	0.400	ng/ul	0.00
17) Chrysene-d12	21.317	240	30508	0.400	ng/ul	0.00
23) Perylene-d12	23.620	264	31599	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	37626	4.631	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	13991	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	51681	0.526	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.184	88	1638	0.182	ng/ul#	72
5) Naphthalene	10.540	128	3231	0.047	ng/ul#	84
7) 2-Methylnaphthalene	12.168	142	957	0.021	ng/ul	97
11) Acenaphthene	14.442	153	3087	0.050	ng/ul#	26
12) Fluorene	15.353	166	5566	0.077	ng/ul#	19
20) Pyrene	19.513	202	6130	0.046	ng/ul#	1
26) Benzo(a)pyrene	23.479	252	12099	0.108	ng/ul#	62

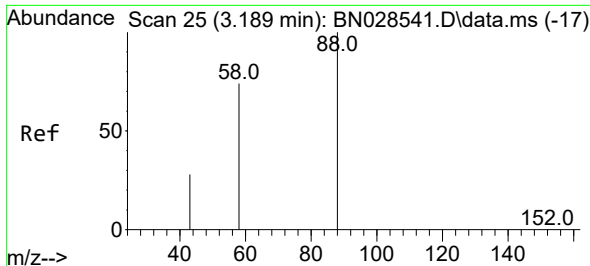
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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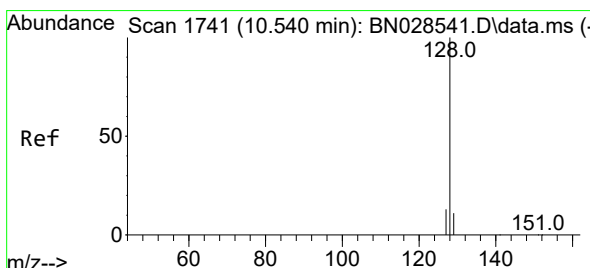
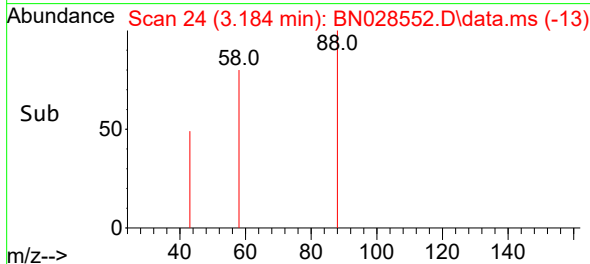
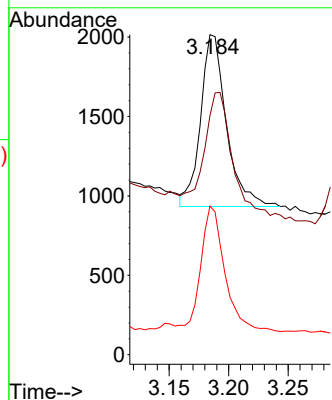
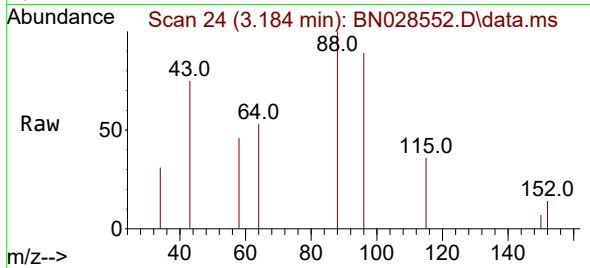




#2
1,4-Dioxane
Concen: 0.182 ng/ul
RT: 3.184 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN028552.D
Acq: 10 Nov 2023 11:57

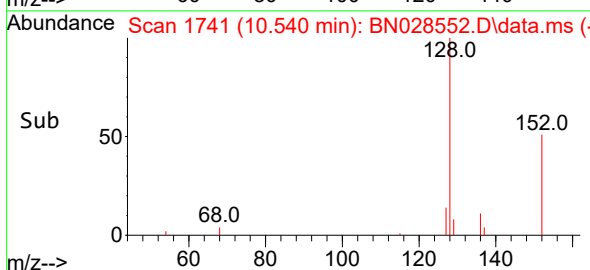
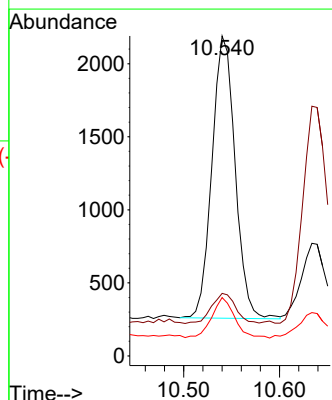
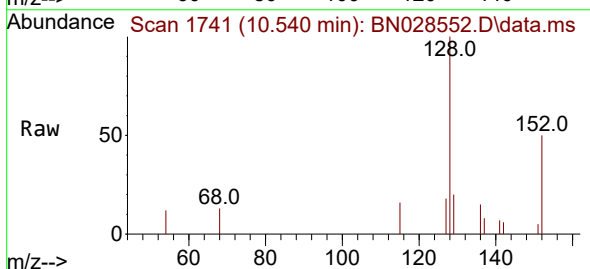
Instrument :
BNA_N
ClientSampleId :
BHEH2

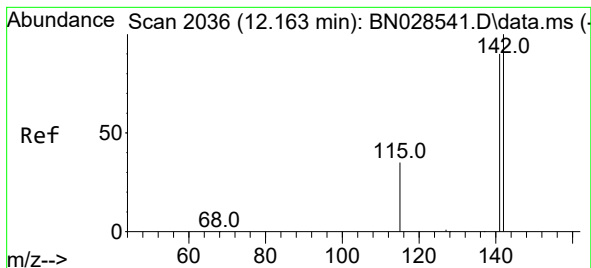
Tgt Ion: 88 Resp: 1638
Ion Ratio Lower Upper
88 100
43 74.7 32.9 49.3#
58 46.5 41.8 62.8



#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028552.D
Acq: 10 Nov 2023 11:57

Tgt Ion: 128 Resp: 3231
Ion Ratio Lower Upper
128 100
129 19.5 9.2 13.8#
127 18.2 10.7 16.1#

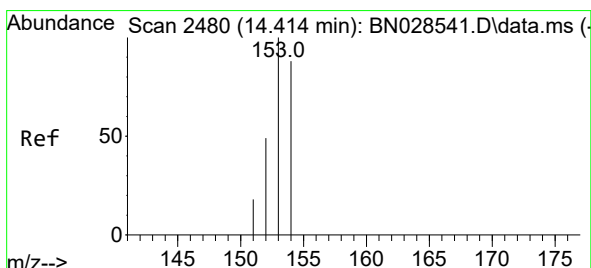
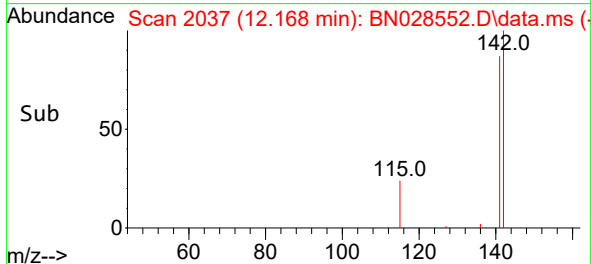
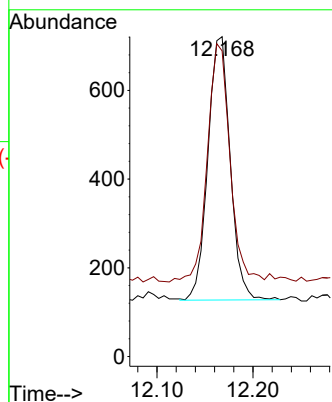
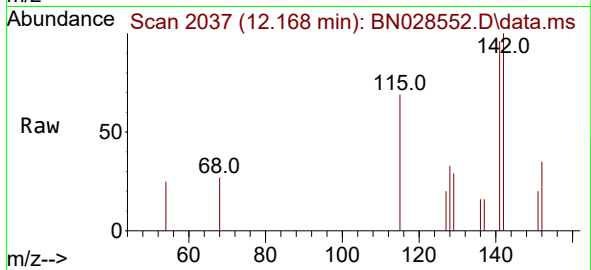




#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.168 min Scan# 2036
Delta R.T. 0.001 min
Lab File: BN028552.D
Acq: 10 Nov 2023 11:57

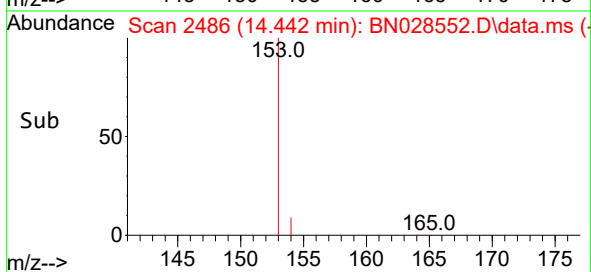
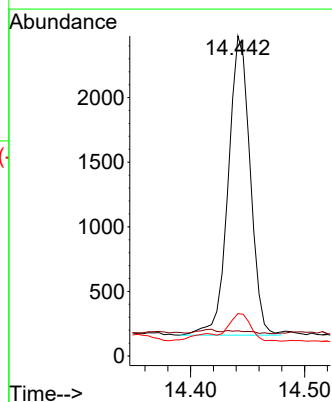
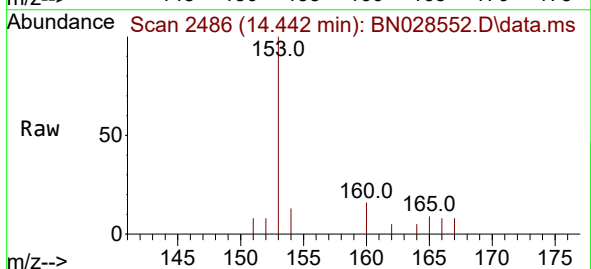
Instrument :
BNA_N
ClientSampleId :
BHEH2

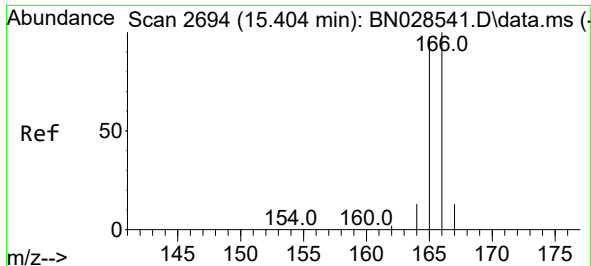
Tgt Ion:142 Resp: 957
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2



#11
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.024 min
Lab File: BN028552.D
Acq: 10 Nov 2023 11:57

Tgt Ion:153 Resp: 3087
Ion Ratio Lower Upper
153 100
152 7.9 39.6 59.4#
154 13.3 71.0 106.6#

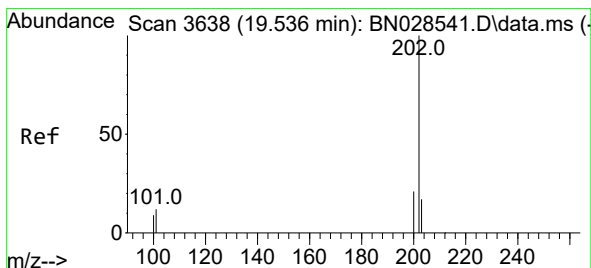
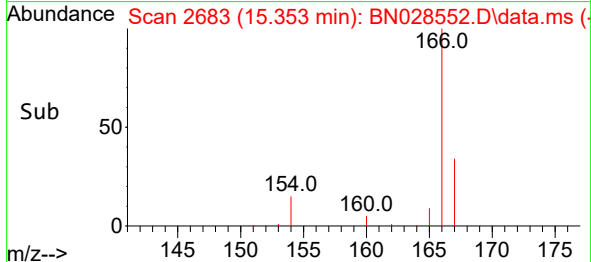
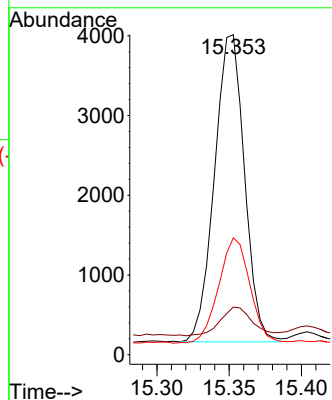
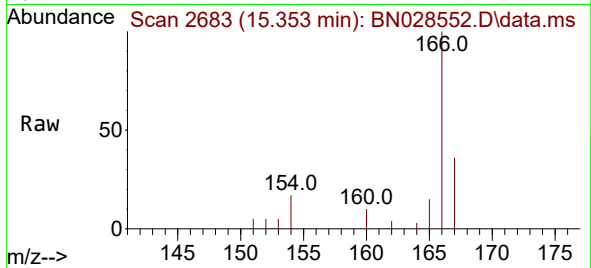




#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.353 min Scan# 2683
Delta R.T. -0.054 min
Lab File: BN028552.D
Acq: 10 Nov 2023 11:57

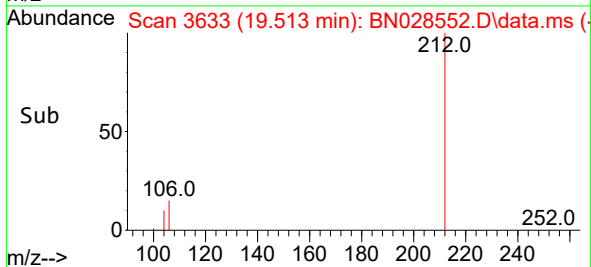
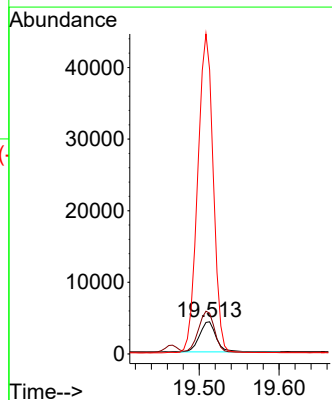
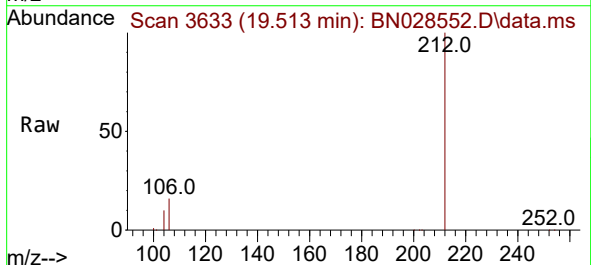
Instrument :
BNA_N
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BHEH2

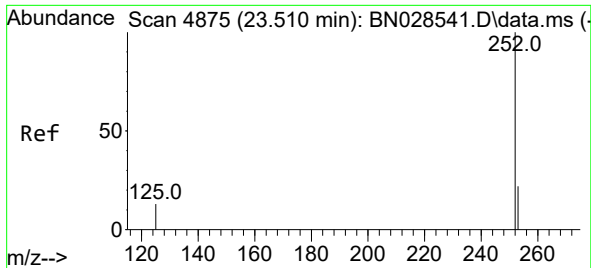
Tgt Ion:166 Resp: 5566
Ion Ratio Lower Upper
166 100
165 14.9 78.6 118.0#
167 36.5 11.0 16.6#



#20
Pyrene
Concen: 0.046 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.026 min
Lab File: BN028552.D
Acq: 10 Nov 2023 11:57

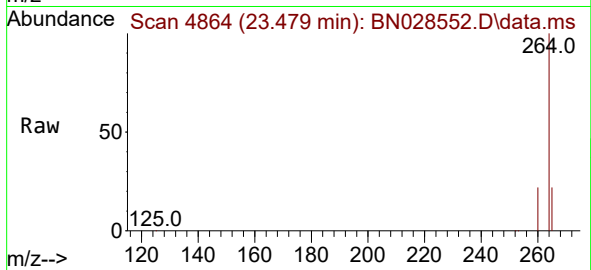
Tgt Ion:202 Resp: 6130
Ion Ratio Lower Upper
202 100
101 126.6 10.3 15.5#
100 881.5 8.2 12.2#





#26
 Benzo(a)pyrene
 Concen: 0.108 ng/ul
 RT: 23.479 min Scan# 41
 Delta R.T. -0.045 min
 Lab File: BN028552.D
 Acq: 10 Nov 2023 11:57

Instrument :
 BNA_N
 ClientSampleId :
 BHEH2



Tgt Ion:252 Resp: 12099
 Ion Ratio Lower Upper
 252 100
 253 39.8 19.0 28.6#
 125 36.5 13.2 19.8#

