

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024489.D
 Acq On : 22 Mar 2023 20:54
 Operator : CG/JU
 Sample : 01947-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB931

Quant Time: Mar 23 03:11:29 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 14:57:36 2023
 Response via : Initial Calibration

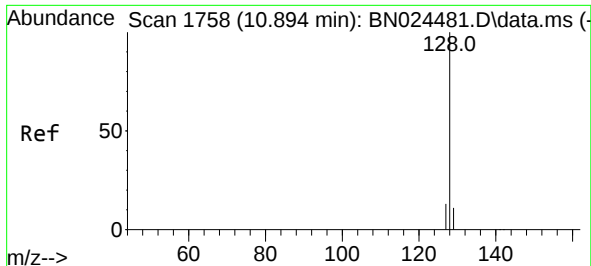
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	9216	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	27142	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	16952	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	32905	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	25691	0.400	ng/ul	# 0.00
23) Perylene-d12	24.100	264	24058	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	43385	4.278	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	11705	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	27007	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.894	128	1476	0.022	ng/ul#	7
8) 1-Methylnaphthalene	12.720	142	1269	0.029	ng/ul#	80
10) Acenaphthylene	14.397	152	2394	0.034	ng/ul#	1
11) Acenaphthene	14.726	153	12534	0.230	ng/ul	97
12) Fluorene	15.711	166	11013	0.181	ng/ul#	92
15) Phenanthrene	17.451	178	3790	0.040	ng/ul#	41
16) Anthracene	17.544	178	9776	0.118	ng/ul#	68
19) Fluoranthene	19.464	202	11253	0.110	ng/ul#	62
20) Pyrene	19.827	202	7128	0.069	ng/ul#	64

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

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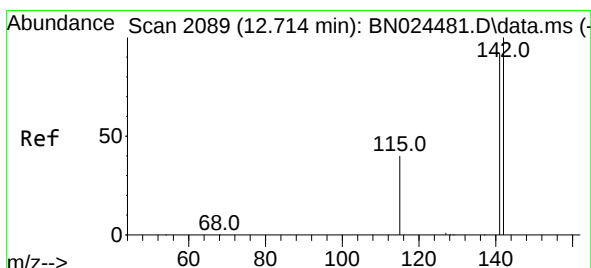
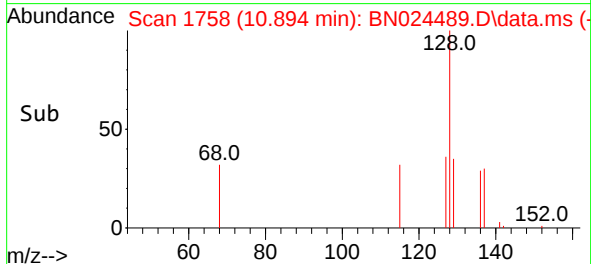
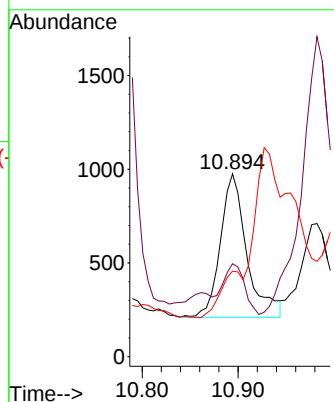
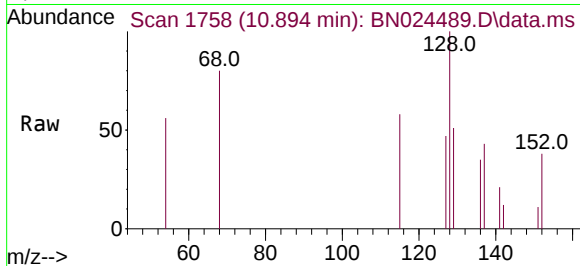




#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

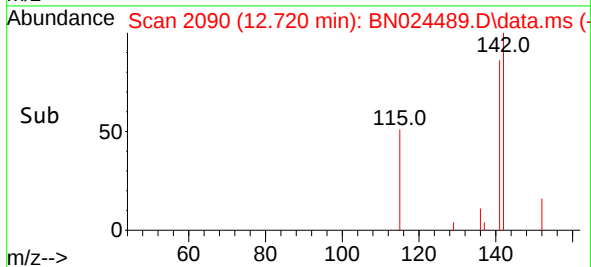
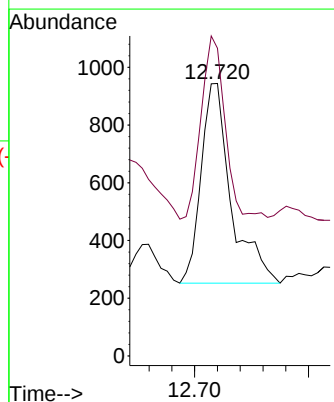
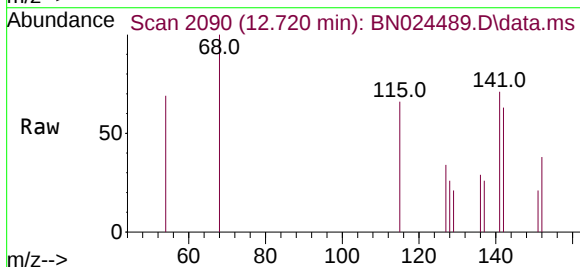
Instrument :
BNA_N
ClientSampleId :
CB931

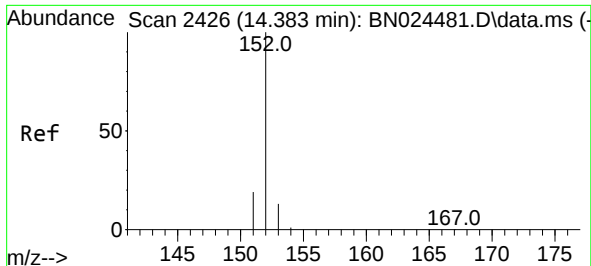
Tgt Ion:128 Resp: 1476
Ion Ratio Lower Upper
128 100
129 50.8 9.0 13.6#
127 46.7 10.5 15.7#



#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. 0.005 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

Tgt Ion:142 Resp: 1269
Ion Ratio Lower Upper
142 100
141 72.7 73.0 109.6#

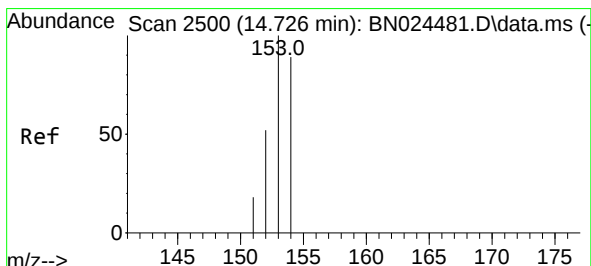
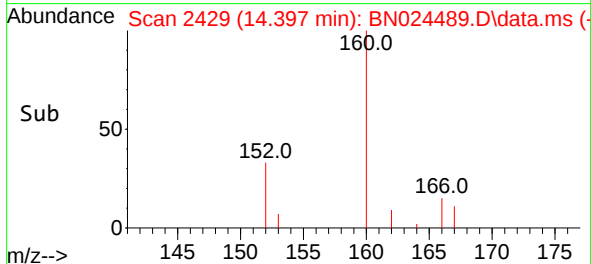
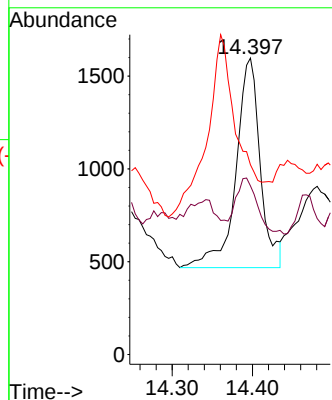
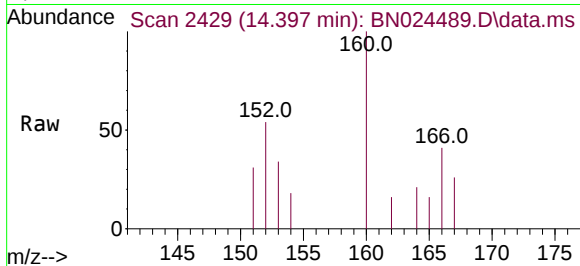




#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.397 min Scan# 2426
Delta R.T. 0.014 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

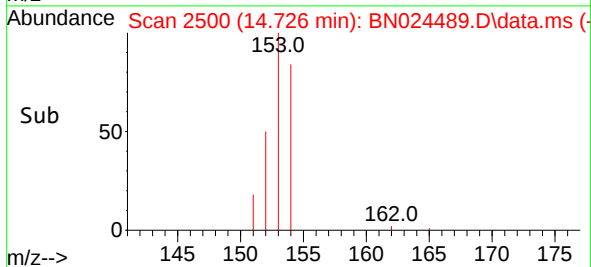
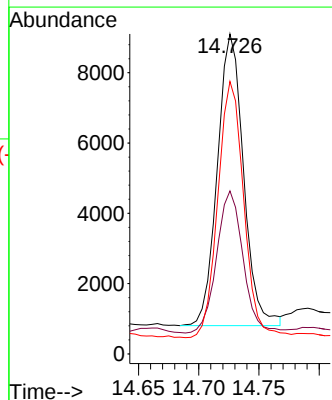
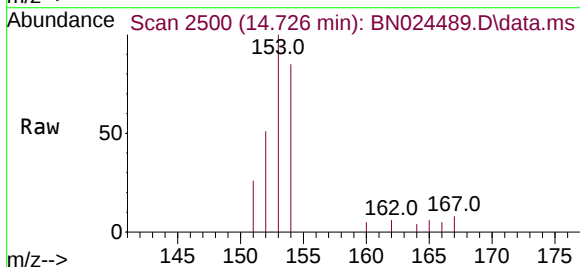
Instrument :
BNA_N
ClientSampleId :
CB931

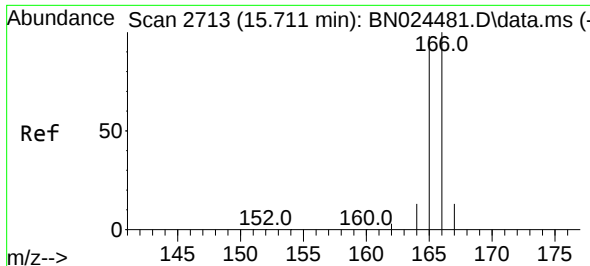
Tgt Ion:152 Resp: 2394
Ion Ratio Lower Upper
152 100
151 56.9 15.9 23.9#
153 64.0 10.6 16.0#



#11
Acenaphthene
Concen: 0.230 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

Tgt Ion:153 Resp: 12534
Ion Ratio Lower Upper
153 100
152 50.9 42.6 64.0
154 85.1 70.6 105.8

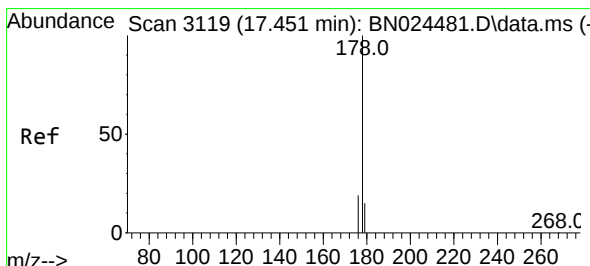
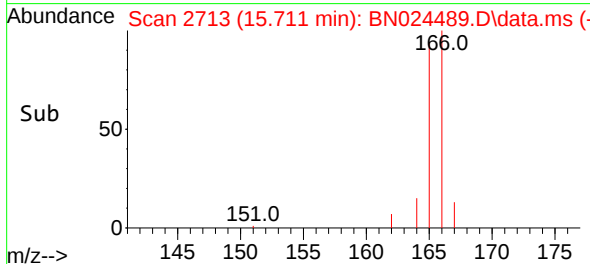
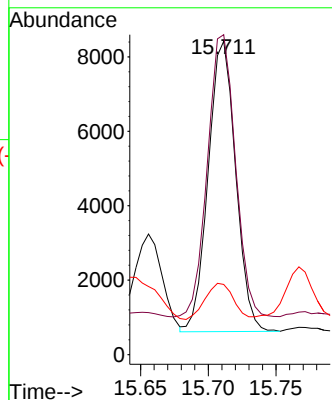
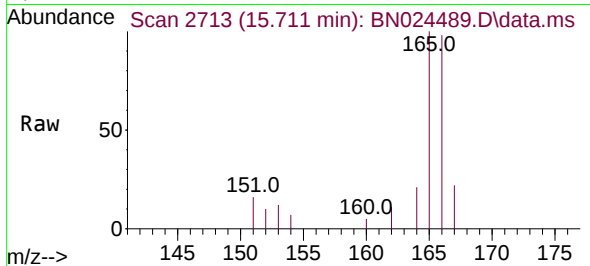




#12
Fluorene
Concen: 0.181 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. 0.005 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

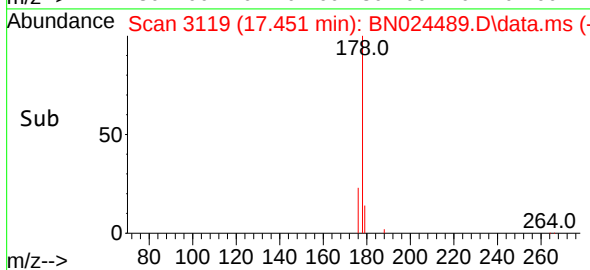
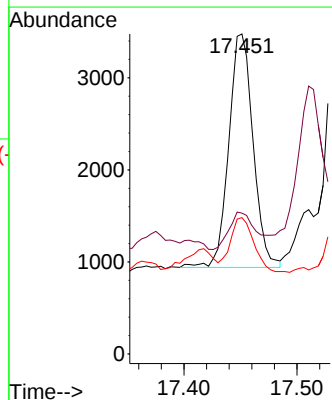
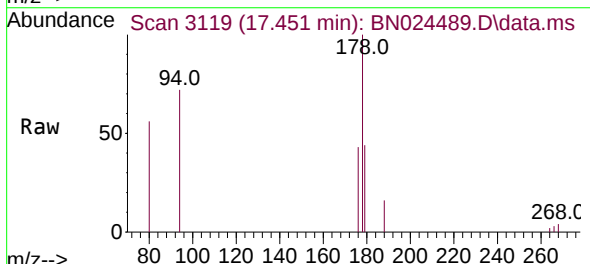
Instrument :
BNA_N
ClientSampleId :
CB931

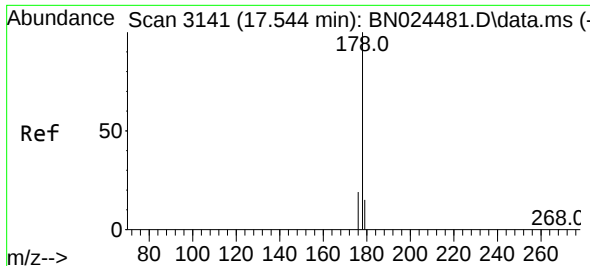
Tgt Ion:166 Resp: 11013
Ion Ratio Lower Upper
166 100
165 102.1 77.4 116.0
167 22.4 10.9 16.3#



#15
Phenanthrene
Concen: 0.040 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BN024489.D
Acq: 22 Mar 2023 20:54

Tgt Ion:178 Resp: 3790
Ion Ratio Lower Upper
178 100
179 44.0 12.2 18.2#
176 42.6 15.7 23.5#

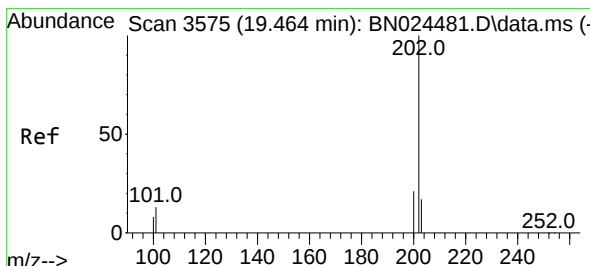
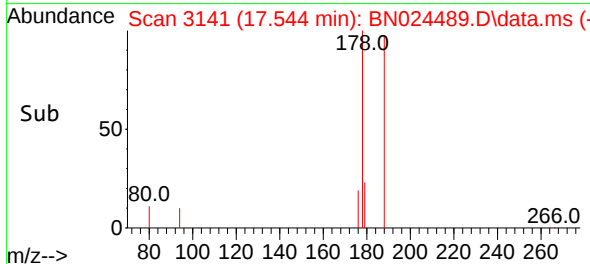
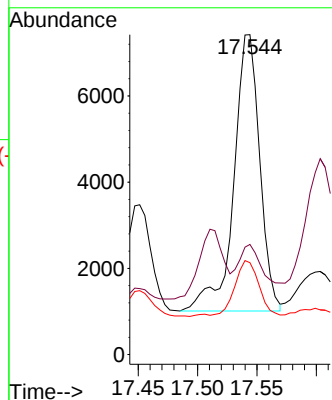
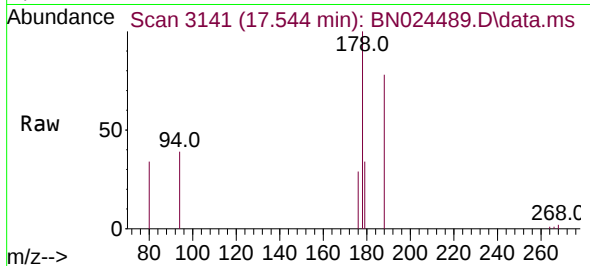




#16
 Anthracene
 Concen: 0.118 ng/ul
 RT: 17.544 min Scan# 3141
 Delta R.T. 0.004 min
 Lab File: BN024489.D
 Acq: 22 Mar 2023 20:54

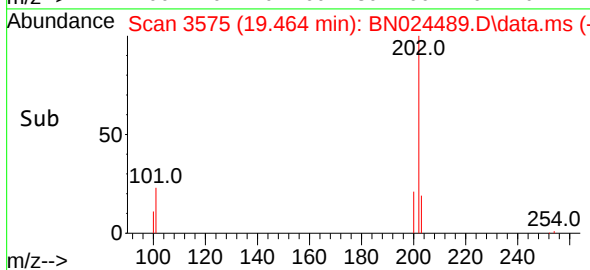
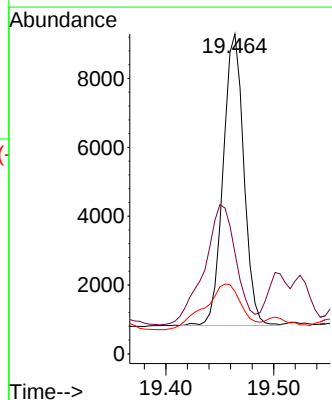
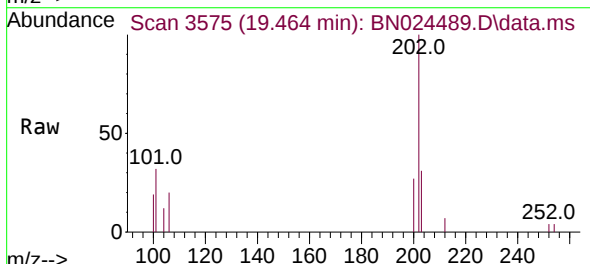
Instrument :
 BNA_N
 ClientSampleId :
 CB931

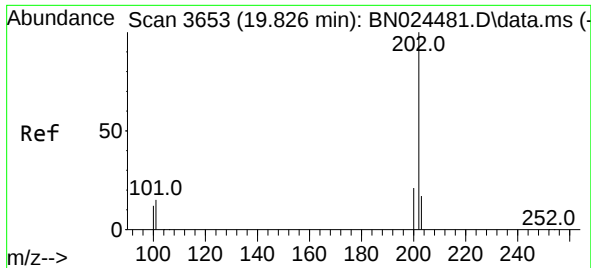
Tgt Ion:	178	Resp:	9776
Ion Ratio	Lower	Upper	
178	100		
179	34.4	12.3	18.5#
176	28.7	15.3	22.9#



#19
 Fluoranthene
 Concen: 0.110 ng/ul
 RT: 19.464 min Scan# 3575
 Delta R.T. 0.005 min
 Lab File: BN024489.D
 Acq: 22 Mar 2023 20:54

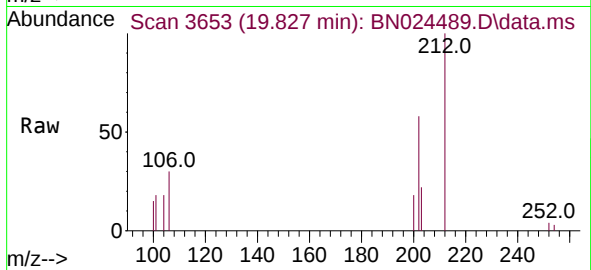
Tgt Ion:	202	Resp:	11253
Ion Ratio	Lower	Upper	
202	100		
101	31.6	10.4	15.6#
100	19.5	7.7	11.5#





#20
 Pyrene
 Concen: 0.069 ng/ul
 RT: 19.827 min Scan# 3653
 Delta R.T. 0.005 min
 Lab File: BN024489.D
 Acq: 22 Mar 2023 20:54

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:202 Resp: 7128
 Ion Ratio Lower Upper
 202 100
 101 30.1 12.1 18.1#
 100 25.6 9.4 14.0#

