

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
 Data File : BN024144.D
 Acq On : 07 Mar 2023 14:26
 Operator : CG/JU
 Sample : 01813-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SVOC-GPC-BLANK

Quant Time: Mar 08 03:06:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 04:27:04 2023
 Response via : Initial Calibration

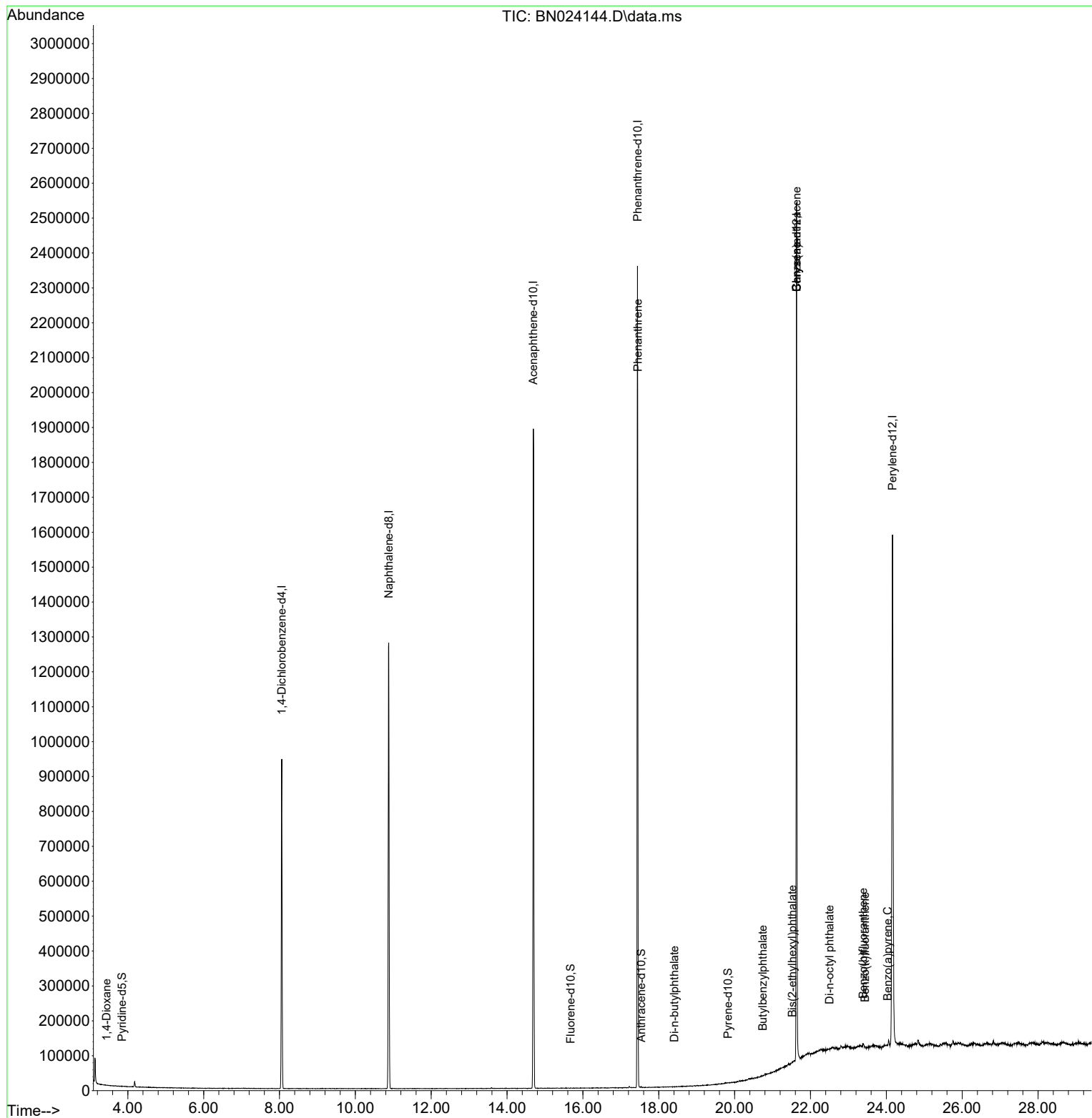
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	244158	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1046727	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	618810	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.440	188	1321493	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1134143	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1165783	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.846	84	494	0.029	ng/ul	0.01
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.675	176	399	0.010	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.540	188	2637	0.042	ng/ul	0.00
81) Pyrene-d10	19.828	212	64	0.001	ng/ul	0.00
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	171	0.025	ng/uL#	18
72) Phenanthrene	17.445	178	375	0.005	ng/ul#	1
78) Di-n-butylphthalate	18.410	149	164	0.002	ng/ul#	78
83) Butylbenzylphthalate	20.739	149	71	0.003	ng/ul#	20
85) Benzo(a)anthracene	21.633	228	2746	0.035	ng/ul#	55
86) Bis(2-ethylhexyl)phtha...	21.522	149	182	0.005	ng/ul#	53
87) Chrysene	21.633	228	2746	0.036	ng/ul#	54
89) Di-n-octyl phthalate	22.498	149	225	0.004	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	61	0.001	ng/ul#	1
91) Benzo(k)fluoranthene	23.439	252	163	0.002	ng/ul#	1
93) Benzo(a)pyrene	24.039	252	121	0.002	ng/ul#	1

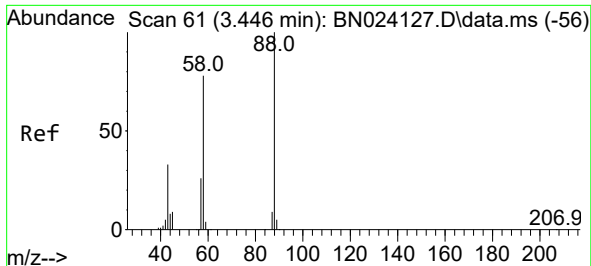
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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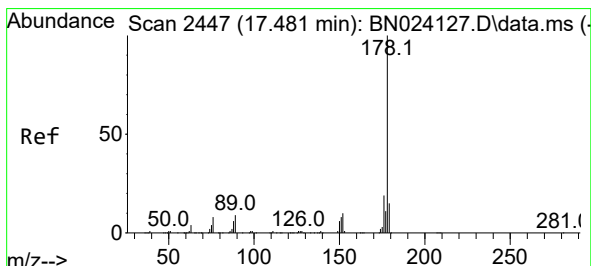
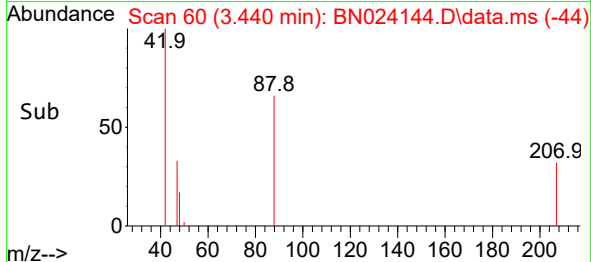
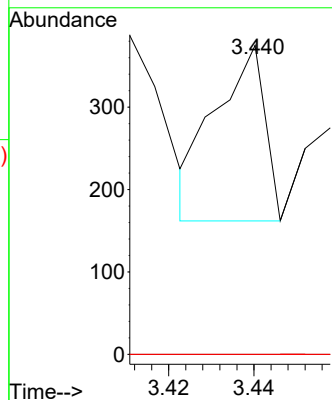
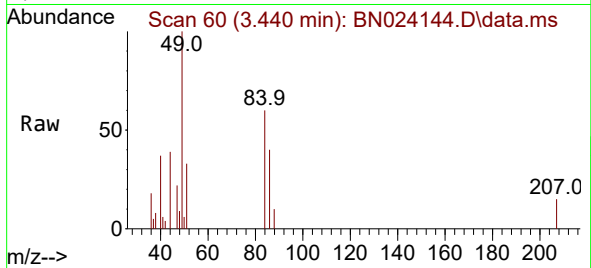




#2
1,4-Dioxane
Concen: 0.025 ng/uL
RT: 3.440 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN024144.D
Acq: 07 Mar 2023 14:26

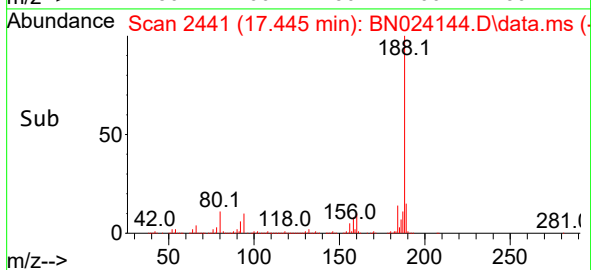
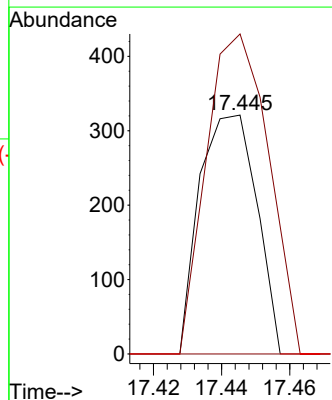
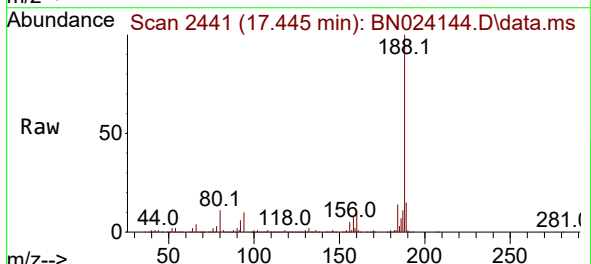
Instrument :
BNA_N
ClientSampleId :
SVOC-GPC-BLANK

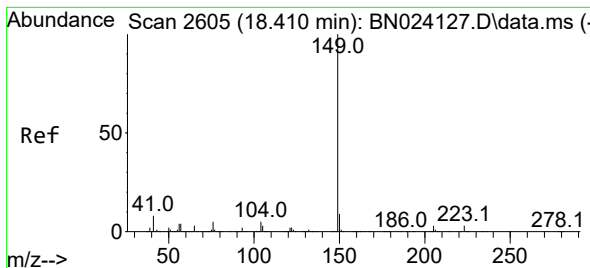
Tgt Ion: 88 Resp: 171
Ion Ratio Lower Upper
88 100
43 0.0 26.2 39.4#
58 0.0 64.9 97.3#



#72
Phenanthrene
Concen: 0.005 ng/uL
RT: 17.445 min Scan# 2441
Delta R.T. -0.035 min
Lab File: BN024144.D
Acq: 07 Mar 2023 14:26

Tgt Ion: 178 Resp: 375
Ion Ratio Lower Upper
178 100
179 134.0 11.6 17.4#
176 0.0 14.9 22.3#





#78

Di-n-butylphthalate

Concen: 0.002 ng/ul

RT: 18.410 min Scan# 2

Delta R.T. 0.000 min

Lab File: BN024144.D

Acq: 07 Mar 2023 14:26

Instrument :

BNA_N

ClientSampleId :

SVOC-GPC-BLANK

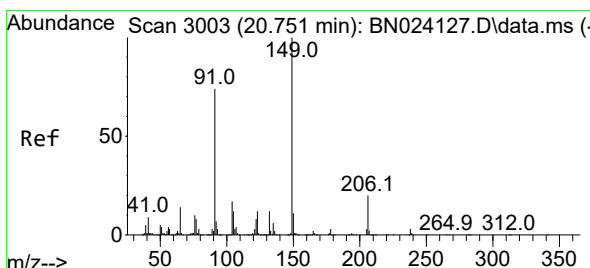
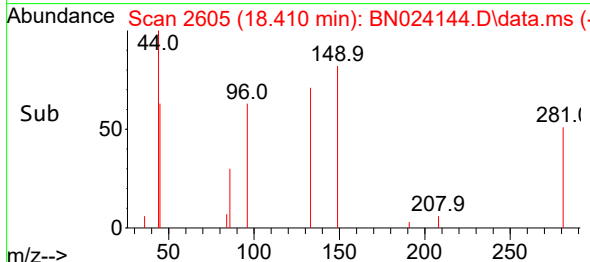
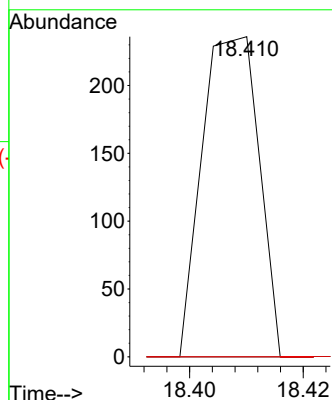
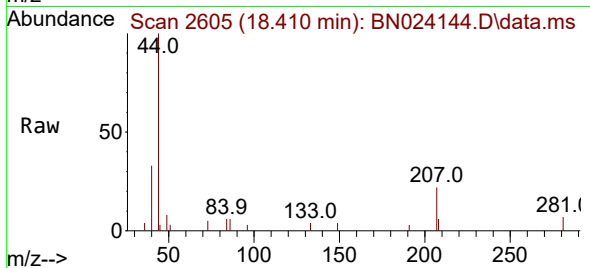
Tgt Ion:149 Resp: 164

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 4.0 6.0#



#83

Butylbenzylphthalate

Concen: 0.003 ng/ul

RT: 20.739 min Scan# 3001

Delta R.T. -0.012 min

Lab File: BN024144.D

Acq: 07 Mar 2023 14:26

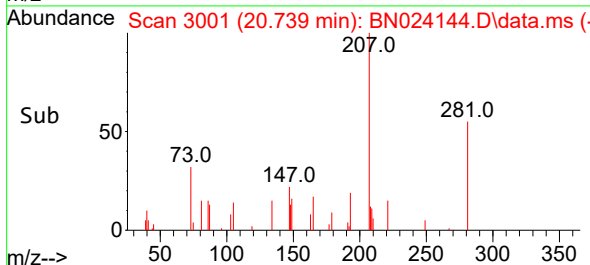
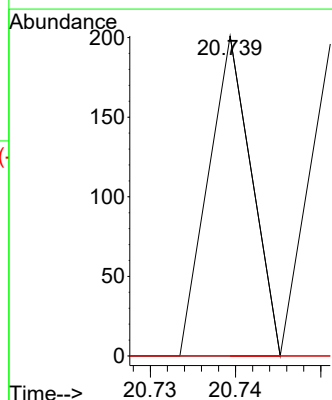
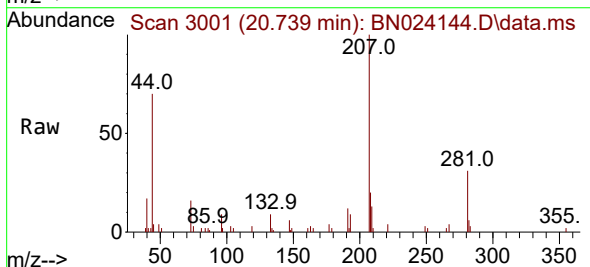
Tgt Ion:149 Resp: 71

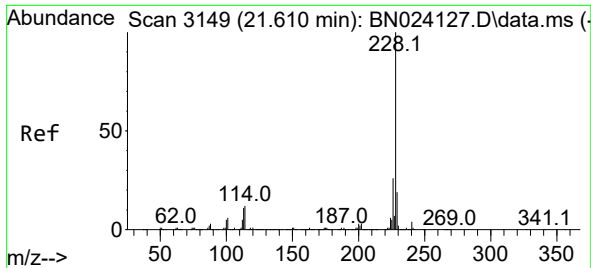
Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

206 0.0 16.4 24.6#





#85

Benzo(a)anthracene

Concen: 0.035 ng/ul

RT: 21.633 min Scan# 3153

Delta R.T. 0.024 min

Lab File: BN024144.D

Acq: 07 Mar 2023 14:26

Instrument :

BNA_N

ClientSampleId :

SVOC-GPC-BLANK

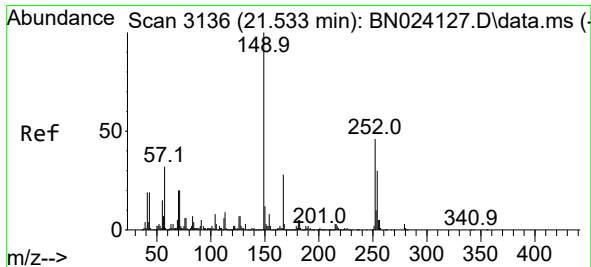
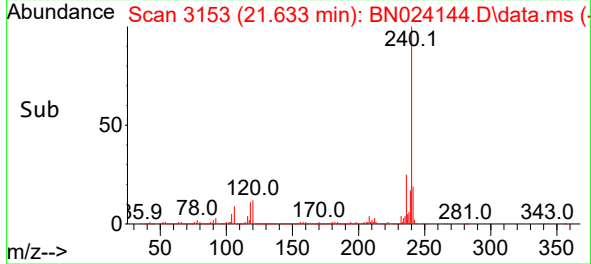
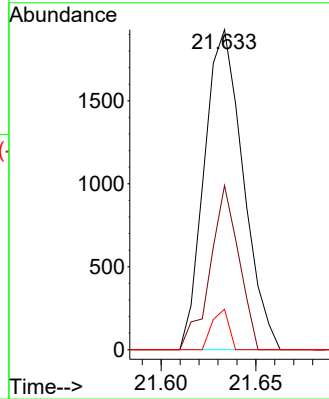
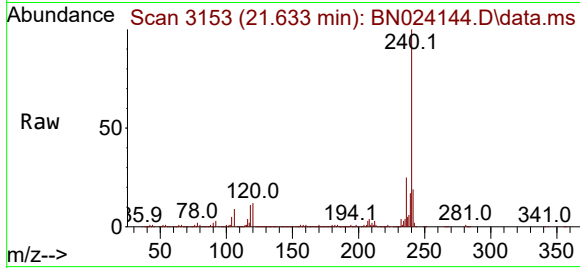
Tgt Ion:228 Resp: 2746

Ion Ratio Lower Upper

228 100

229 51.3 16.3 24.5#

226 12.6 22.6 34.0#



#86

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng/ul

RT: 21.522 min Scan# 3134

Delta R.T. -0.012 min

Lab File: BN024144.D

Acq: 07 Mar 2023 14:26

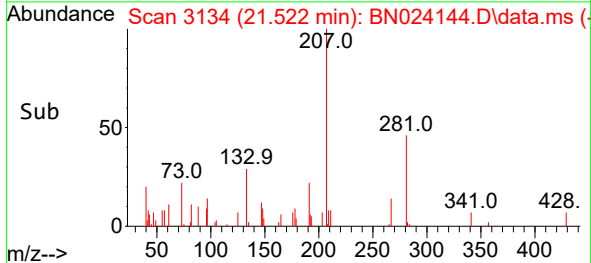
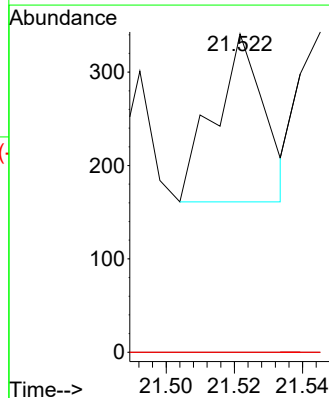
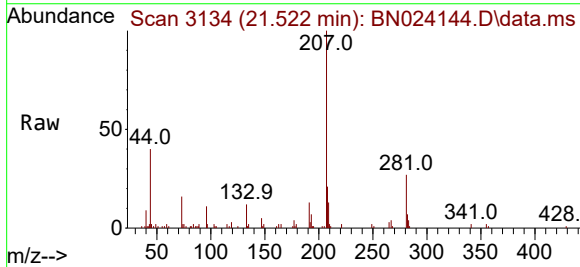
Tgt Ion:149 Resp: 182

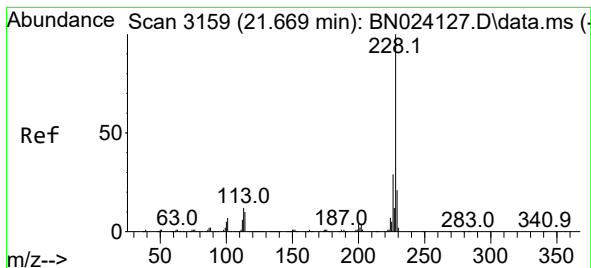
Ion Ratio Lower Upper

149 100

167 0.0 21.6 32.4#

279 0.0 3.4 5.2#





#87

Chrysene

Concen: 0.036 ng/ul

RT: 21.633 min Scan# 3153

Delta R.T. -0.035 min

Lab File: BN024144.D

Acq: 07 Mar 2023 14:26

Instrument :

BNA_N

ClientSampleId :

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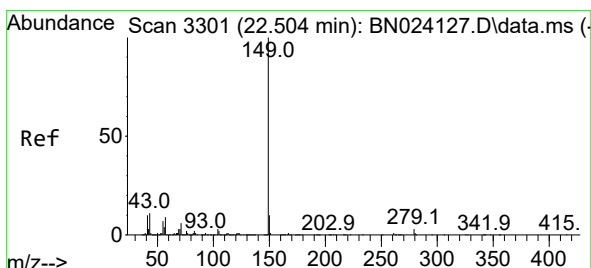
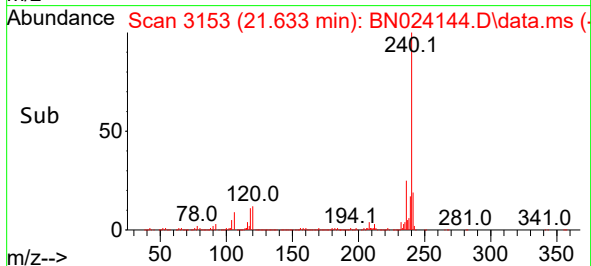
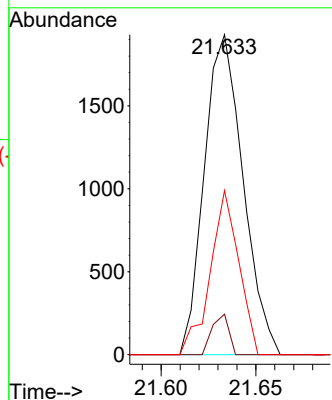
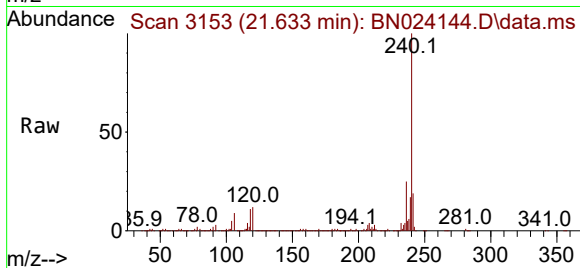
Tgt Ion:228 Resp: 2746

Ion Ratio Lower Upper

228 100

226 12.6 25.8 38.6#

229 51.3 17.5 26.3#



#89

Di-n-octyl phthalate

Concen: 0.004 ng/ul

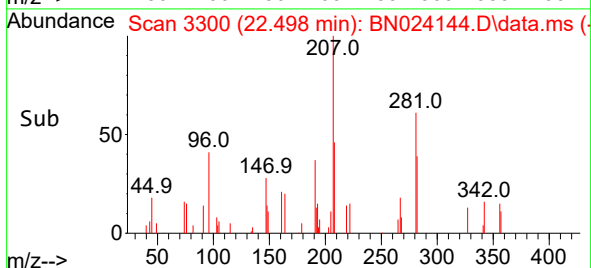
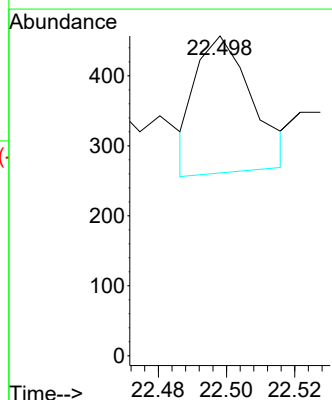
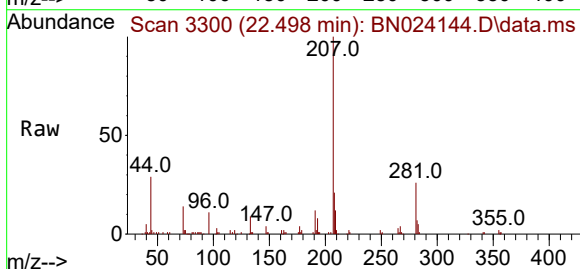
RT: 22.498 min Scan# 3300

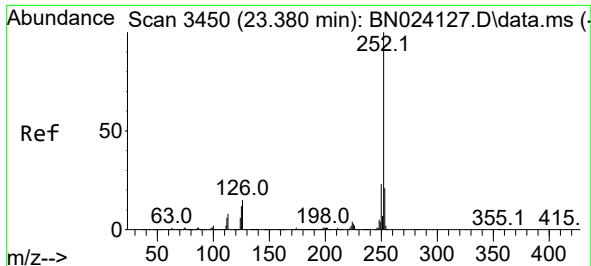
Delta R.T. -0.006 min

Lab File: BN024144.D

Acq: 07 Mar 2023 14:26

Tgt Ion:149 Resp: 225

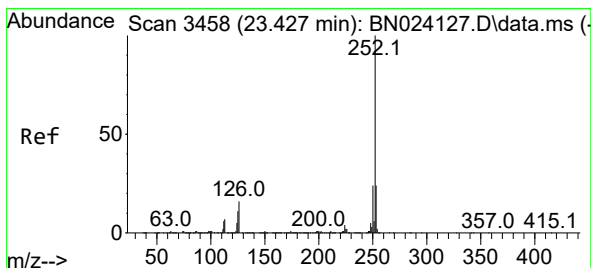
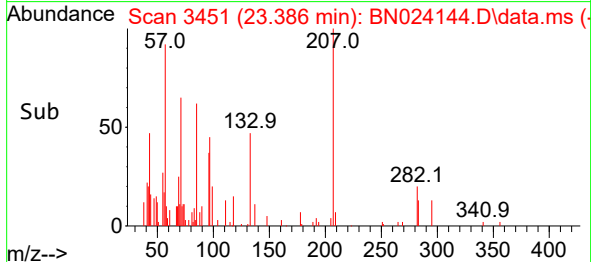
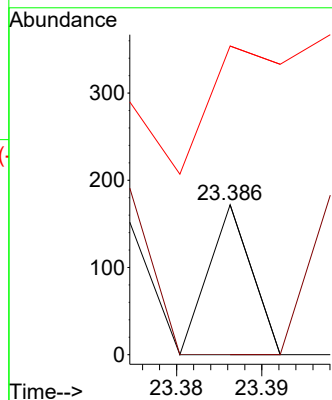
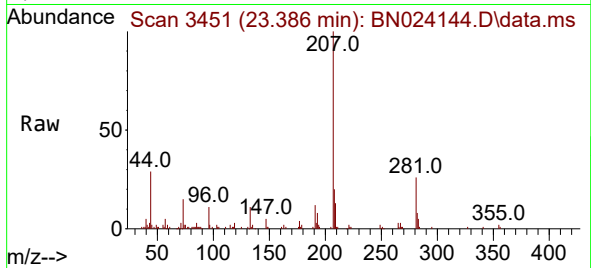




#90
Benzo(b)fluoranthene
Concen: 0.001 ng/ul
RT: 23.386 min Scan# 3450
Delta R.T. 0.006 min
Lab File: BN024144.D
Acq: 07 Mar 2023 14:26

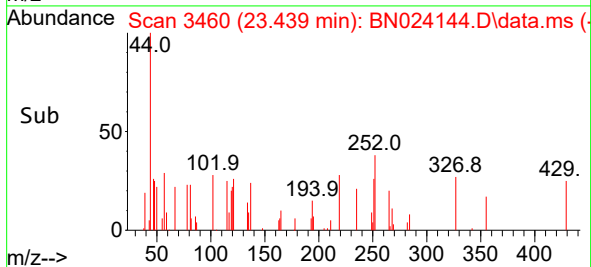
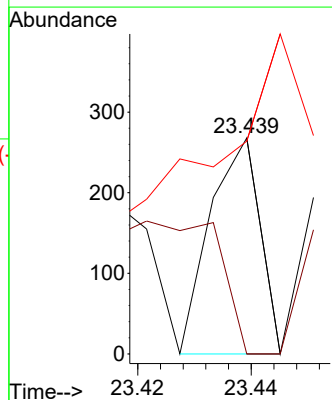
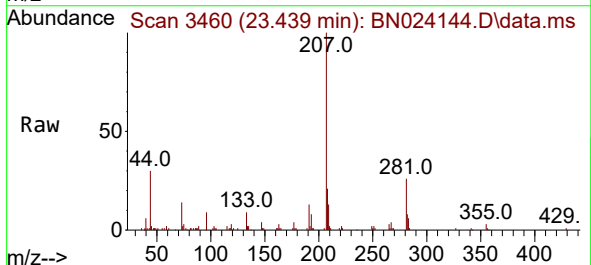
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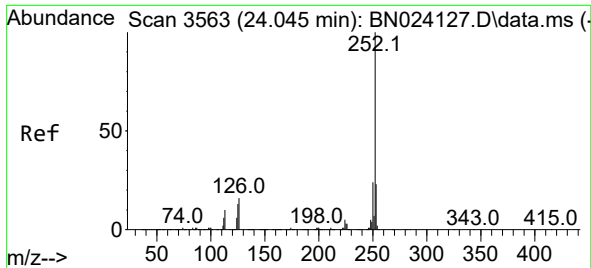
Tgt Ion:252 Resp: 61
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 205.8 9.5 14.3#



#91
Benzo(k)fluoranthene
Concen: 0.002 ng/ul
RT: 23.439 min Scan# 3460
Delta R.T. 0.012 min
Lab File: BN024144.D
Acq: 07 Mar 2023 14:26

Tgt Ion:252 Resp: 163
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.0#
125 98.5 9.0 13.6#





#93
 Benzo(a)pyrene
 Concen: 0.002 ng/ul
 RT: 24.039 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN024144.D
 Acq: 07 Mar 2023 14:26

Instrument :
 BNA_N
 ClientSampleId :
 SVOC-GPC-BLANK

Tgt Ion:252 Resp: 121
 Ion Ratio Lower Upper
 252 100
 253 0.0 17.0 25.4#
 125 181.8 9.5 14.3#

