

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031664.D
 Acq On : 24 May 2024 16:59
 Operator : MA/JU
 Sample : P2548-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH617

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:30:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	471889	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1787621	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	881360	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1623944	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1480515	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1813550	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	4308	0.362	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	6.852	99	9622	0.248	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	7456	0.320	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	7488	0.250	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	6721	0.223	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	3530	0.261	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	2567	0.199	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	6011	0.238	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	8688	0.239	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	16298	0.293	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	18652	0.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	1168	0.111	ng/u1	0.00
60) Fluorene-d10	15.322	176	14762	0.307	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	451	0.064	ng/u1	0.00
73) Anthracene-d10	17.169	188	20028	0.291	ng/u1	0.00
81) Pyrene-d10	19.463	212	23235	0.250	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	25864	0.303	ng/u1	0.00
Target Compounds						
72) Phenanthrene	17.110	178	95289	1.156	ng/u1	98
80) Fluoranthene	19.128	202	265761	2.315	ng/u1	99
82) Pyrene	19.492	202	252540	2.145	ng/u1	97
85) Benzo(a)anthracene	21.286	228	151701m	1.524	ng/u1	
87) Chrysene	21.345	228	160587	1.746	ng/u1	98
90) Benzo(b)fluoranthene	23.316	252	241770	2.284	ng/u1	98
93) Benzo(a)pyrene	24.092	252	166705	1.640	ng/u1#	97
96) Benzo(g,h,i)perylene	28.562	276	121221m	1.203	ng/u1	

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

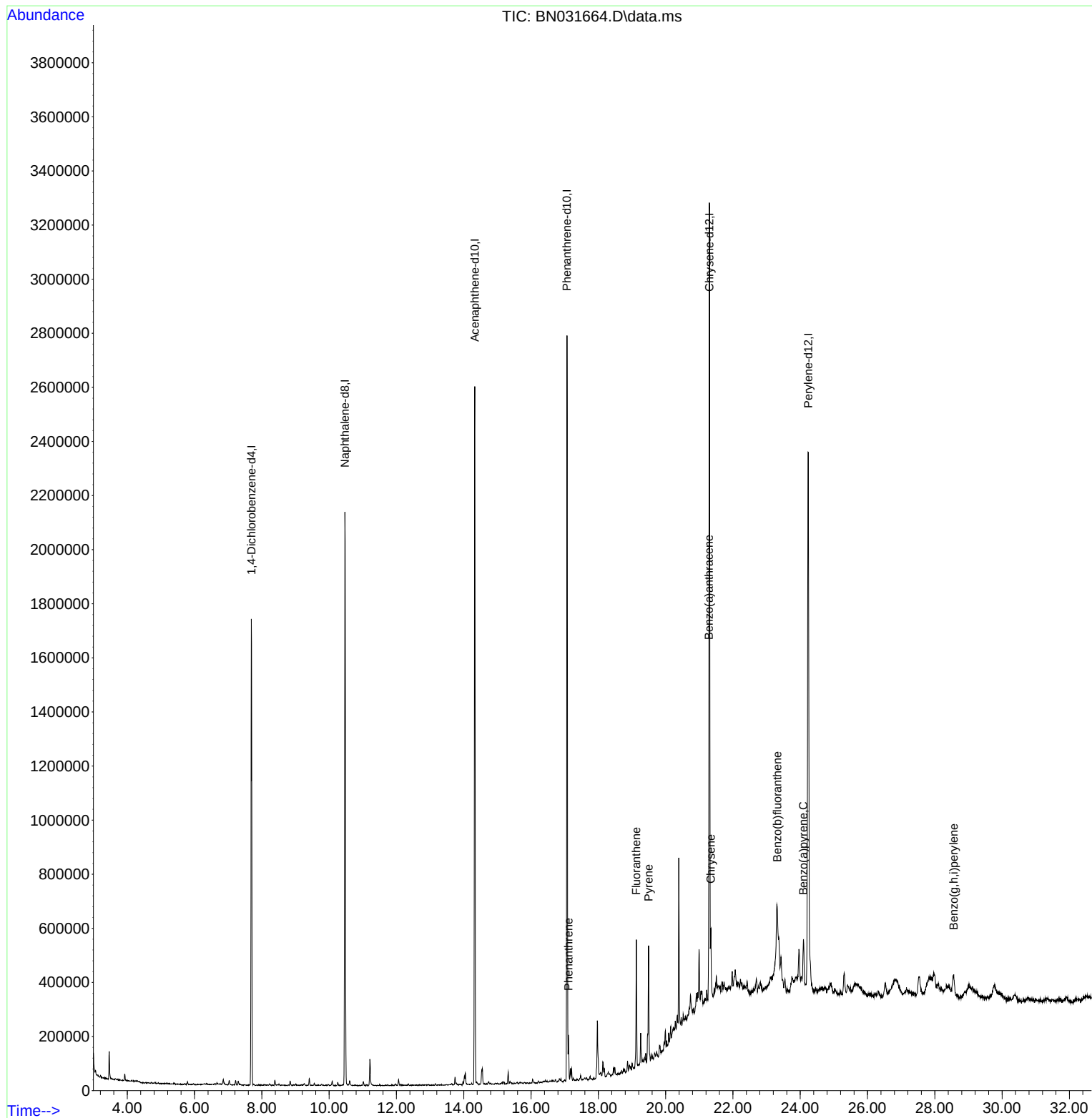
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031664.D
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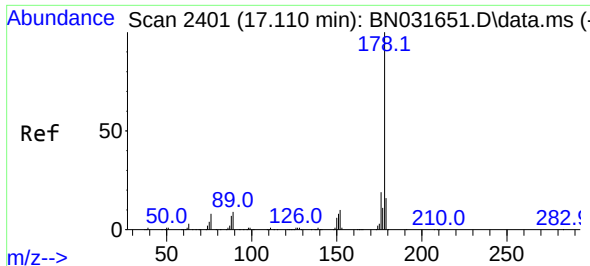
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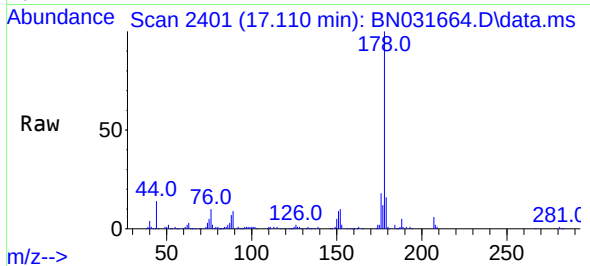
Quant Time: May 24 23:30:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.156 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031664.D
Acq: 24 May 2024 16:59

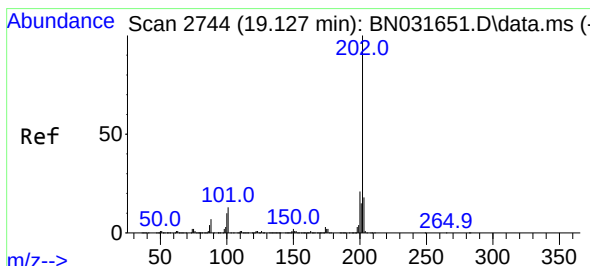
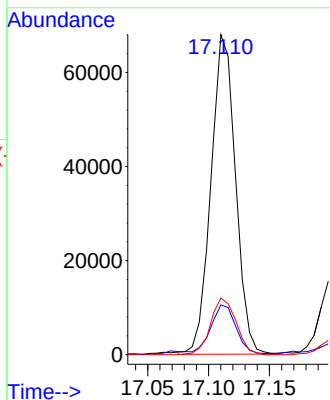
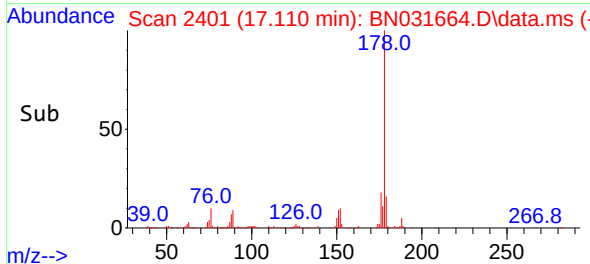
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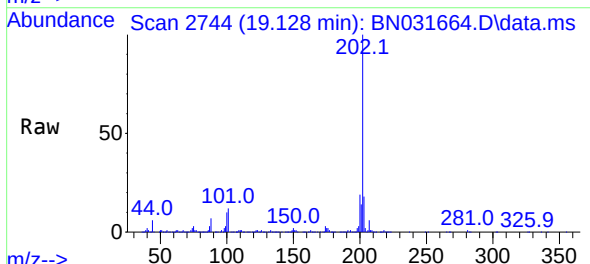
Tgt Ion:178 Resp: 95289
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 17.7 15.2 22.8

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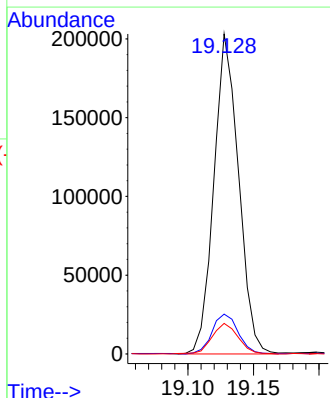
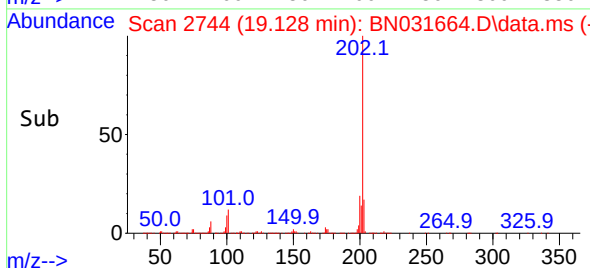
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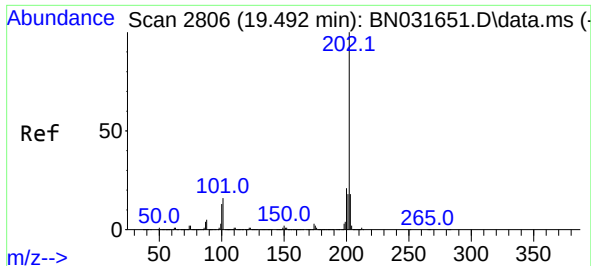


#80
Fluoranthene
Concen: 2.315 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031664.D
Acq: 24 May 2024 16:59



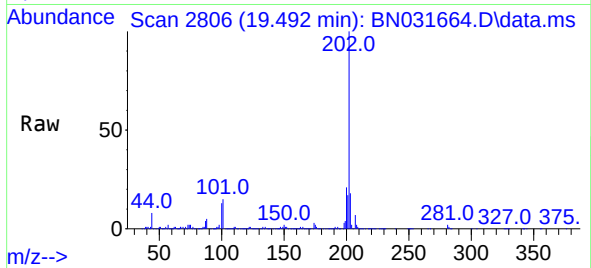
Tgt Ion:202 Resp: 265761
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.6 8.0 12.0





#82
Pyrene
Concen: 2.145 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031664.D
Acq: 24 May 2024 16:59

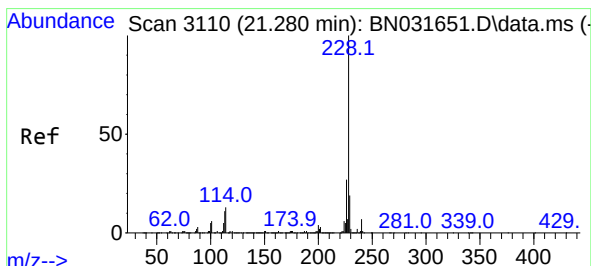
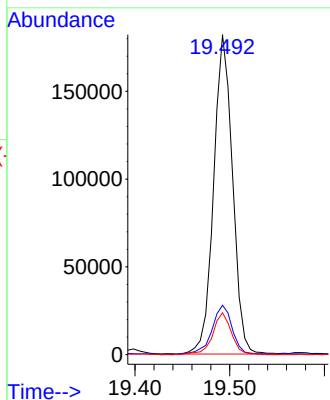
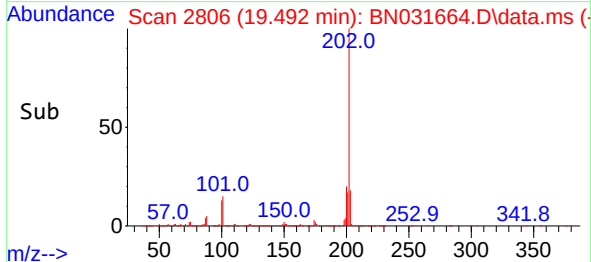
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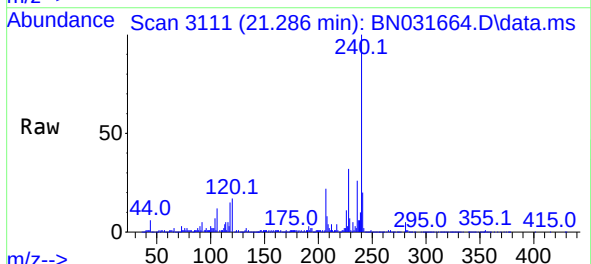
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Ion Ratio Lower Upper
202 100
101 15.5 11.4 17.2
100 13.1 9.3 13.9

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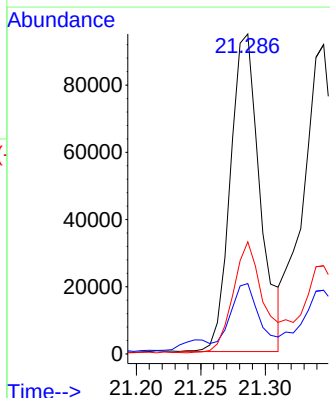
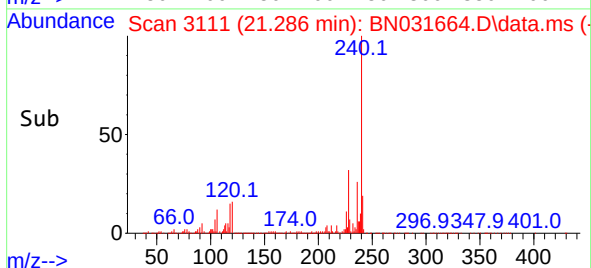
Reviewed By :Yogesh Patel 05/25/2024
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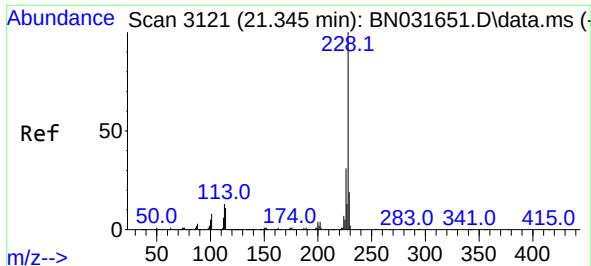


#85
Benzo(a)anthracene
Concen: 1.524 ng/ul m
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN031664.D
Acq: 24 May 2024 16:59



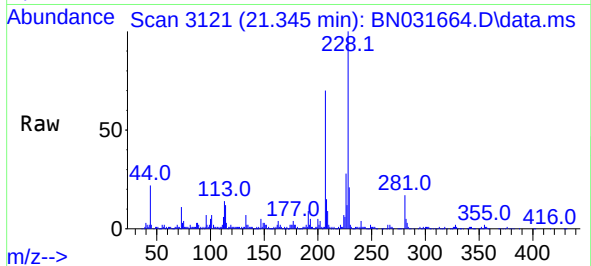
Tgt Ion:228 Resp: 151701
Ion Ratio Lower Upper
228 100
229 22.0 15.7 23.5
226 35.0 21.9 32.9#





#87
Chrysene
Concen: 1.746 ng/u1
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN031664.D
Acq: 24 May 2024 16:59

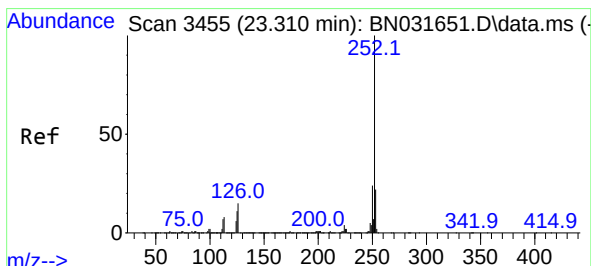
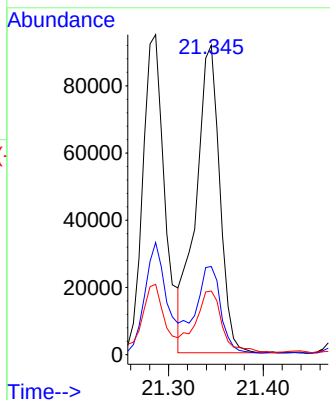
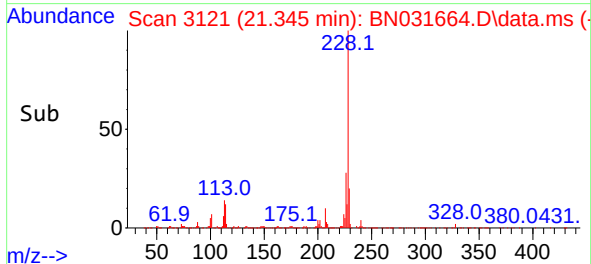
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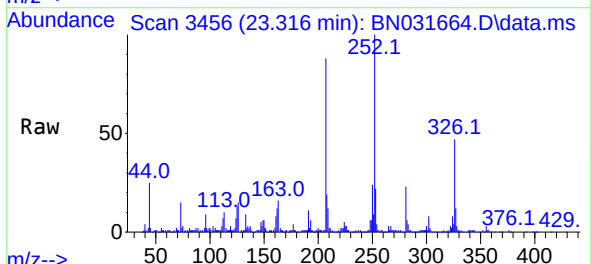
Tgt Ion:228 Resp: 16058
Ion Ratio Lower Upper
228 100
226 28.5 22.9 34.3
229 20.6 15.2 22.8

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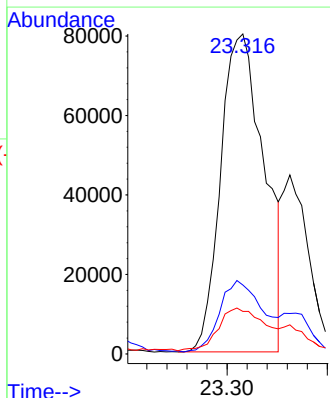
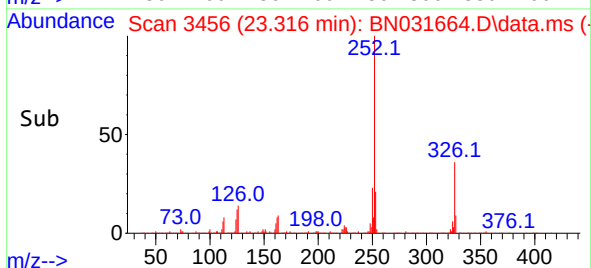
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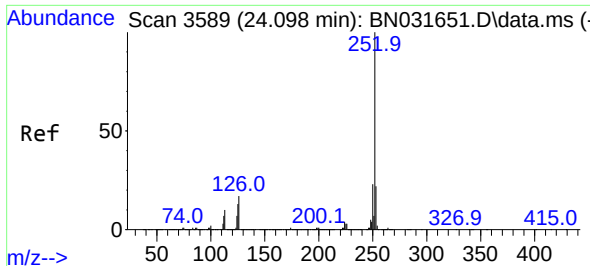


#90
Benzo(b)fluoranthene
Concen: 2.284 ng/u1
RT: 23.316 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031664.D
Acq: 24 May 2024 16:59



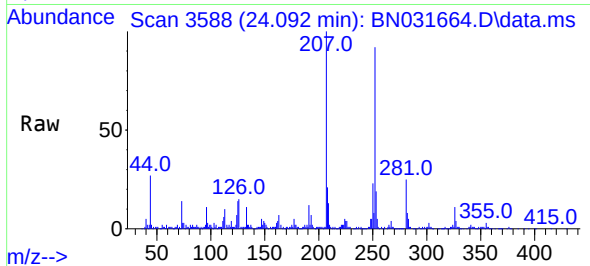
Tgt Ion:252 Resp: 241770
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 13.3 9.3 13.9





#93
Benzo(a)pyrene
Concen: 1.640 ng/ul
RT: 24.092 min Scan# 3589
Delta R.T. -0.012 min
Lab File: BN031664.D
Acq: 24 May 2024 16:59

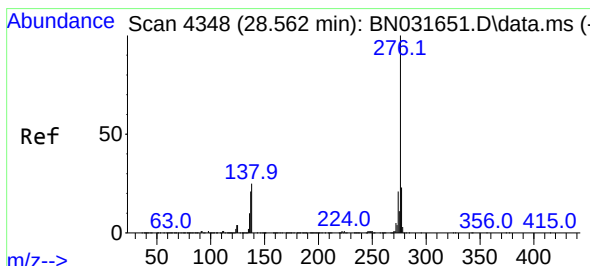
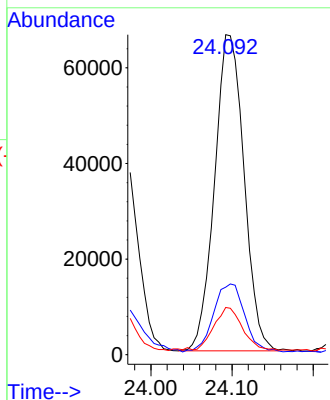
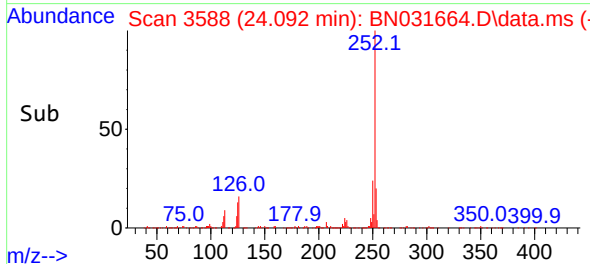
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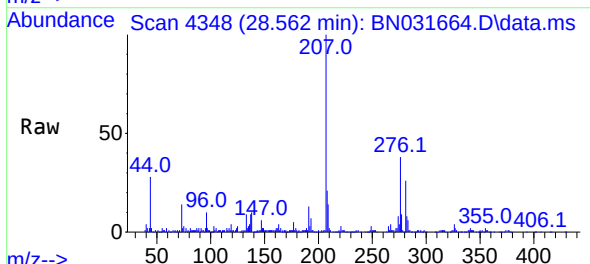
Tgt Ion:252 Resp: 166708
Ion Ratio Lower Upper
252 100
253 21.1 16.6 24.8
125 14.8 9.8 14.8

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.203 ng/ul m
RT: 28.562 min Scan# 4348
Delta R.T. 0.006 min
Lab File: BN031664.D
Acq: 24 May 2024 16:59



Tgt Ion:276 Resp: 121221
Ion Ratio Lower Upper
276 100
138 25.9 19.5 29.3
277 23.7 17.6 26.4

