

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
 Data File : BN022823.D
 Acq On : 22 Nov 2022 14:09
 Operator : CG/JU
 Sample : N5603-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 22 17:02:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN11522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 22 05:15:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	62973	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	306735	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	201329	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	417368	20.000	ng/u1	0.00
79) Chrysene-d12	21.475	240	394573	20.000	ng/u1	0.00
88) Perylene-d12	23.863	264	380035	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	6593	3.574	ng/uL	0.00
4) Pyridine-d5	3.664	84	3268m	0.627	ng/u1	0.05
7) Phenol-d5	7.011	99	126483	21.266	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	86955	24.384	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	94764	21.756	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	85137	18.132	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	52399	22.070	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	56328	21.262	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	94622	20.951	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	129098	18.766	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	352247	24.054	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	380037	23.553	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	48219	16.517	ng/u1	0.00
60) Fluorene-d10	15.510	176	295726	24.623	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	37483	14.129	ng/u1	0.00
73) Anthracene-d10	17.369	188	448519	24.542	ng/u1	0.00
81) Pyrene-d10	19.675	212	536192	26.222	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	493326	25.823	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.310	178	23700	1.054	ng/u1	98
80) Fluoranthene	19.339	202	65141	2.552	ng/u1	98
82) Pyrene	19.704	202	52872	2.022	ng/u1	99
85) Benzo(a)anthracene	21.457	228	32157	1.234	ng/u1	96
87) Chrysene	21.510	228	30116m	1.221	ng/u1	
90) Benzo(b)fluoranthene	23.133	252	43186	1.677	ng/u1#	94
93) Benzo(a)pyrene	23.757	252	27713	1.269	ng/u1#	94

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

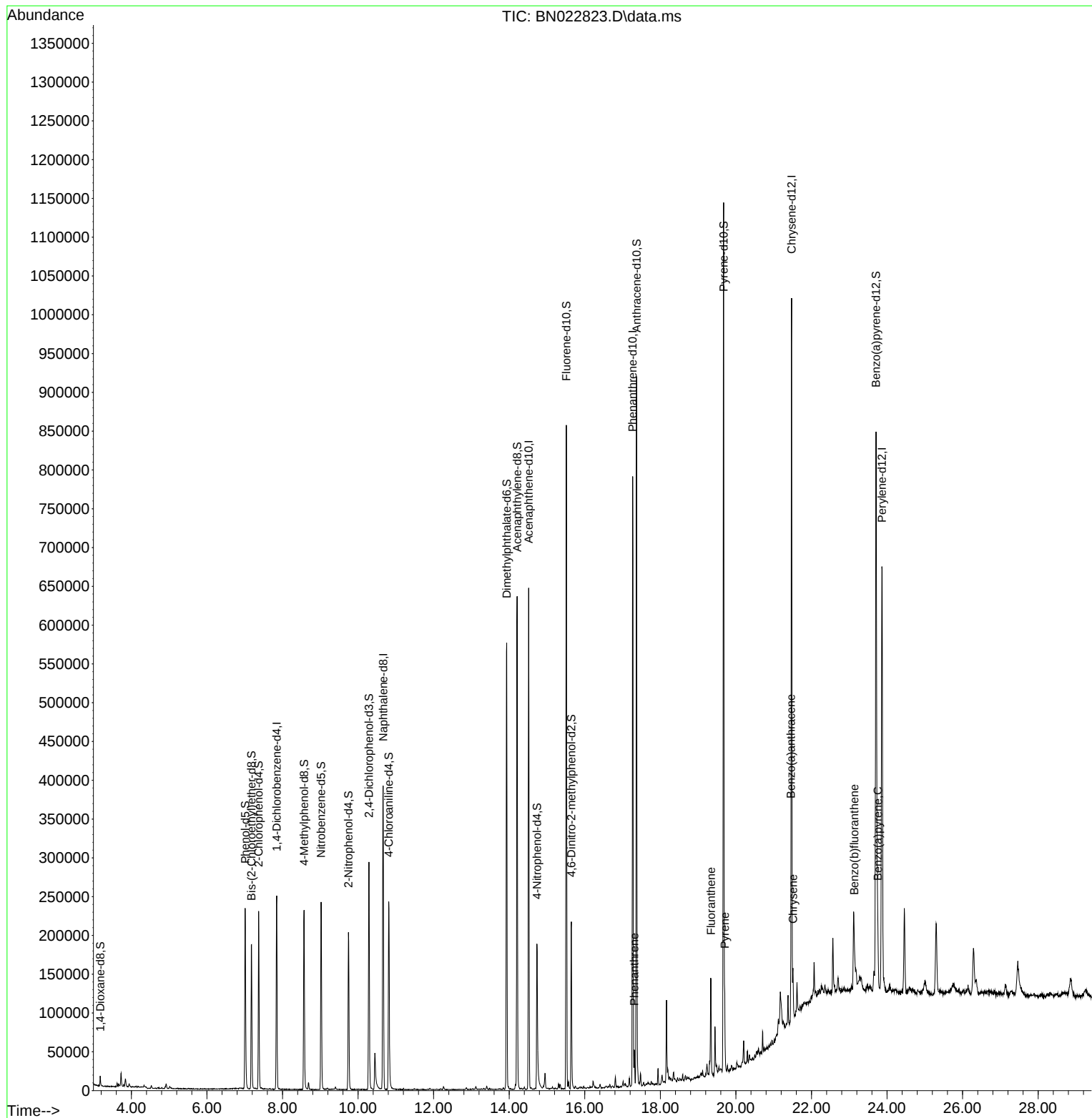
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022823.D
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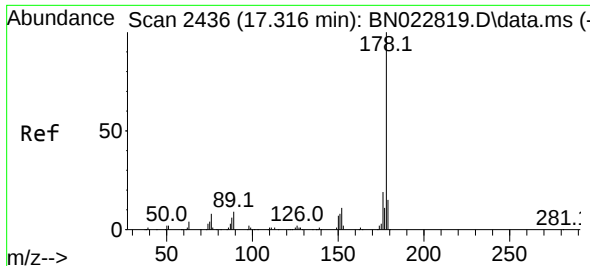
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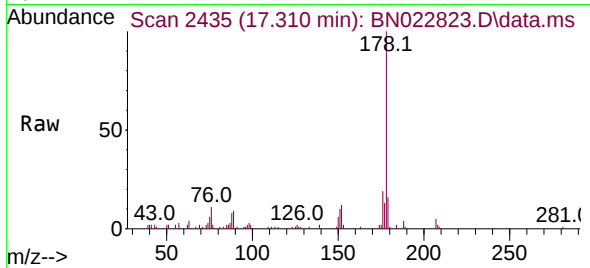
Quant Time: Nov 22 17:02:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN11522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.054 ng/ul
RT: 17.310 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BN022823.D
Acq: 22 Nov 2022 14:09

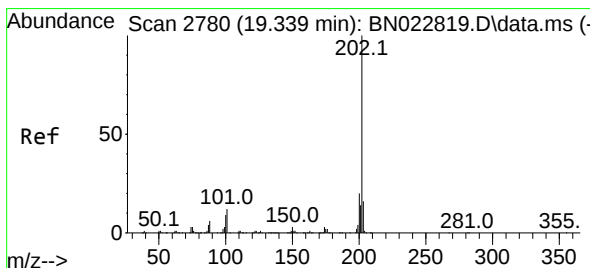
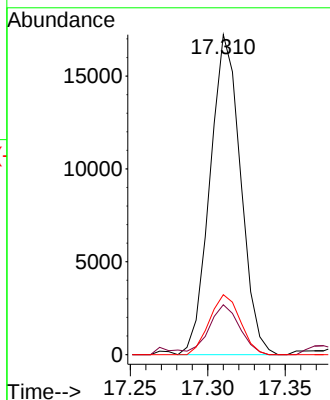
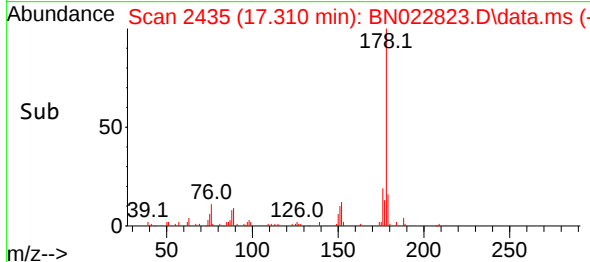
Instrument :
BNA_N
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Tgt Ion:178 Resp: 23700
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 18.7 16.1 24.1

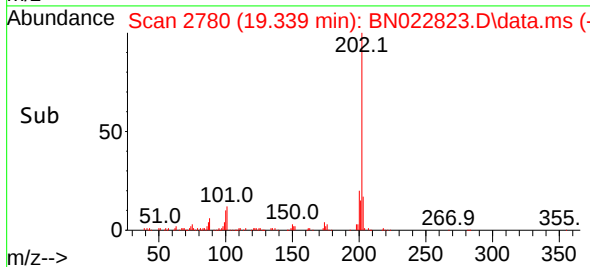
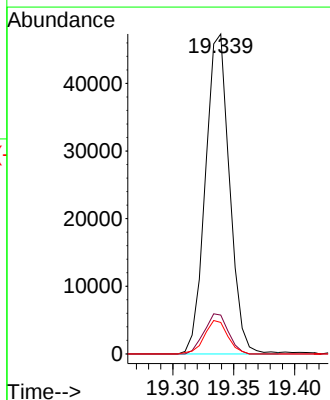
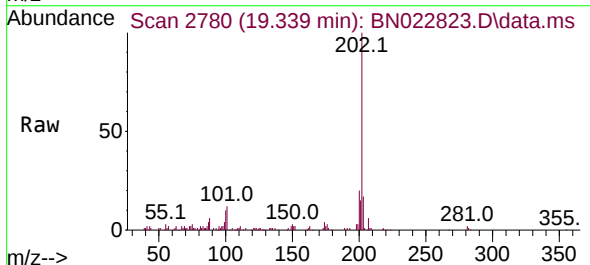
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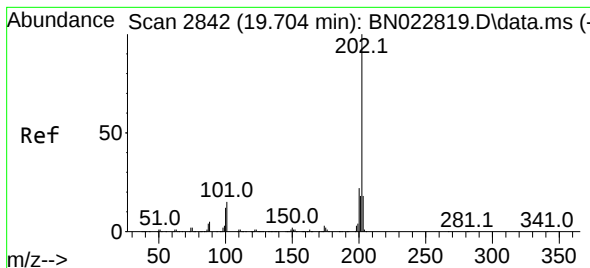
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#80
Fluoranthene
Concen: 2.552 ng/ul
RT: 19.339 min Scan# 2780
Delta R.T. 0.000 min
Lab File: BN022823.D
Acq: 22 Nov 2022 14:09

Tgt Ion:202 Resp: 65141
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
100 9.8 7.3 10.9





#82

Pyrene

Concen: 2.022 ng/ul

RT: 19.704 min Scan# 2842

Delta R.T. 0.000 min

Lab File: BN022823.D

Acq: 22 Nov 2022 14:09

Instrument :

BNA_N

ClientSampleId :

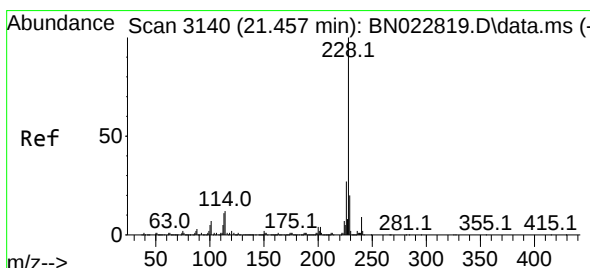
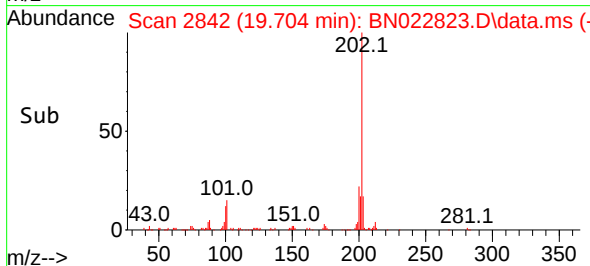
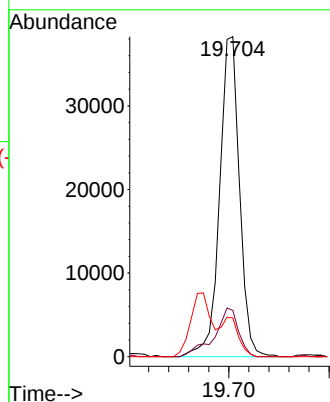
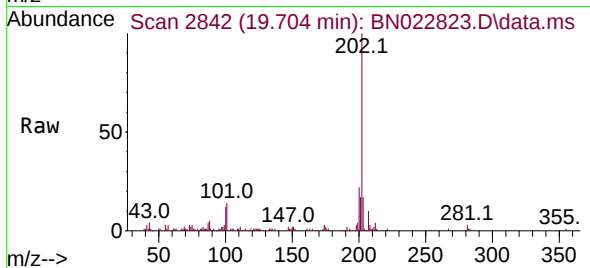
C0AH6

Tgt Ion:	202	Resp:	52872
Ion Ratio	Lower	Upper	
202	100		
101	14.4	11.9	17.9
100	12.1	9.5	14.3

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#85

Benzo(a)anthracene

Concen: 1.234 ng/ul

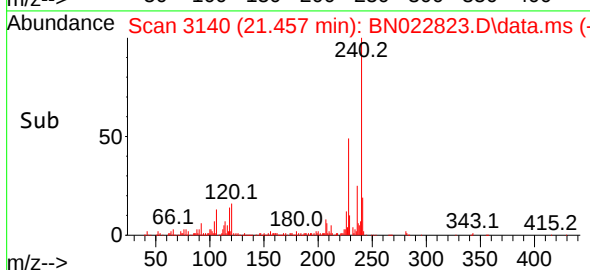
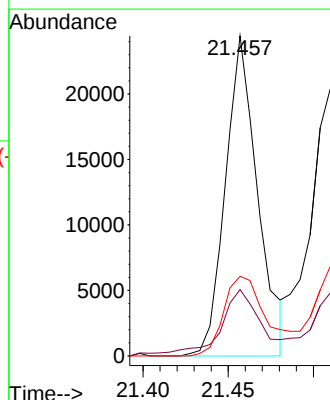
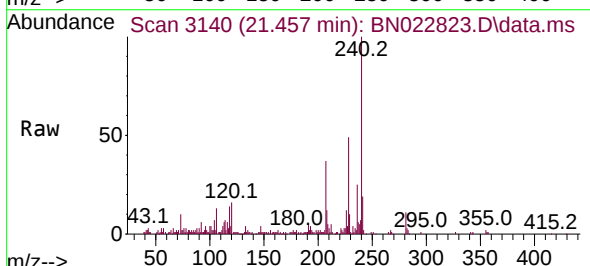
RT: 21.457 min Scan# 3140

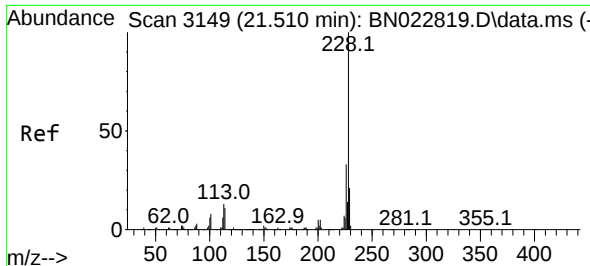
Delta R.T. 0.000 min

Lab File: BN022823.D

Acq: 22 Nov 2022 14:09

Tgt Ion:	228	Resp:	32157
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.0	24.0
226	24.9	22.6	33.8





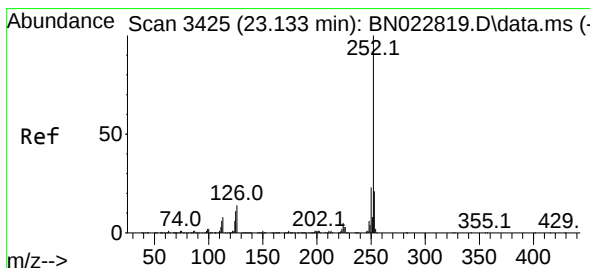
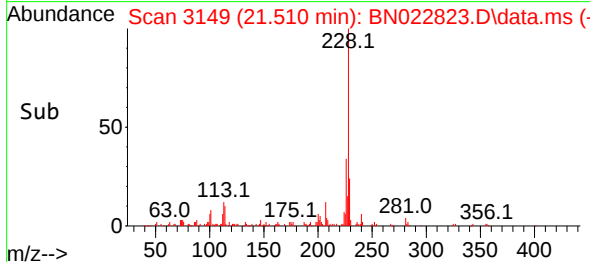
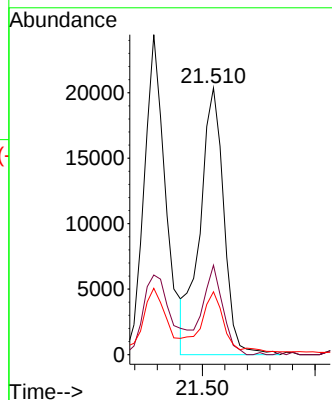
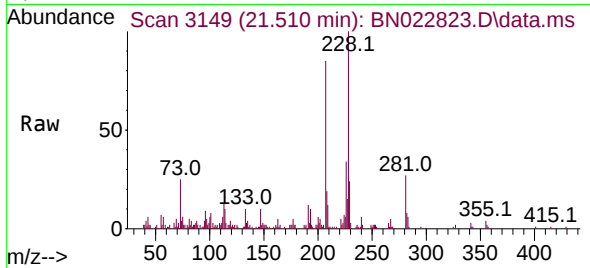
#87
Chrysene
Concen: 1.221 ng/ul m
RT: 21.510 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN022823.D
Acq: 22 Nov 2022 14:09

Instrument :
BNA_N
ClientSampleId :
C0AH6

Tgt Ion:228 Resp: 30116
Ion Ratio Lower Upper
228 100
226 33.5 22.6 34.0
229 23.5 14.8 22.2

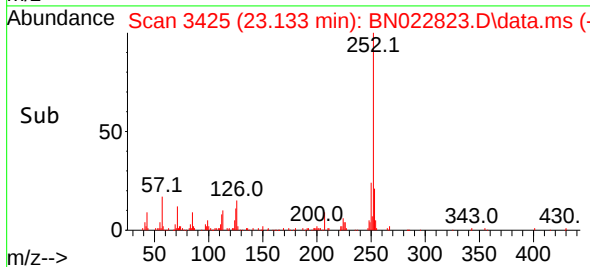
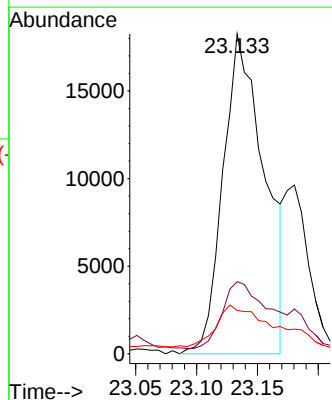
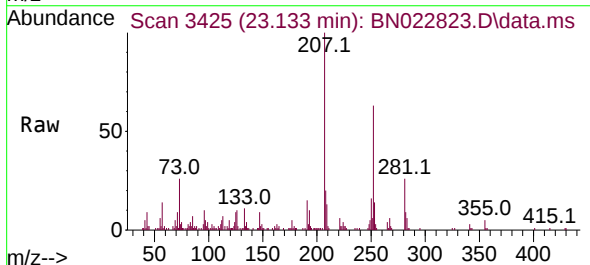
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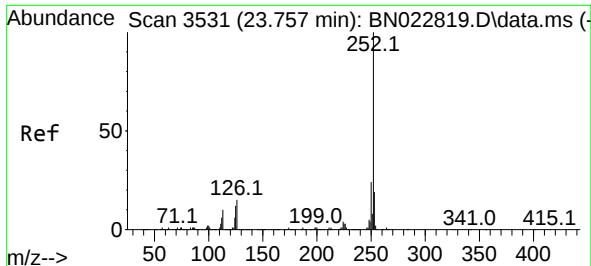
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#90
Benzo(b)fluoranthene
Concen: 1.677 ng/ul
RT: 23.133 min Scan# 3425
Delta R.T. 0.000 min
Lab File: BN022823.D
Acq: 22 Nov 2022 14:09

Tgt Ion:252 Resp: 43186
Ion Ratio Lower Upper
252 100
253 22.6 16.2 24.2
125 13.6 8.7 13.1





#93

Benzo(a)pyrene

Concen: 1.269 ng/ul

RT: 23.757 min Scan# 3531

Delta R.T. 0.000 min

Lab File: BN022823.D

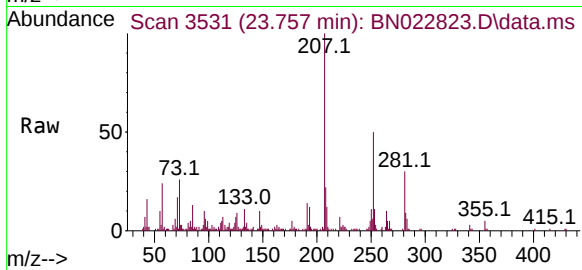
Acq: 22 Nov 2022 14:09

Instrument :

BNA_N

ClientSampleId :

C0AH6



Tgt Ion:252 Resp: 27713

Ion Ratio Lower Upper

252 100

253 21.8 15.4 23.2

125 14.8 9.5 14.3

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