

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049429.D
 Acq On : 23 Jan 2025 22:01
 Operator : RC/JU
 Sample : Q1139-08DL2 30X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH5DL2

Quant Time: Jan 23 23:57:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	230022	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	806621	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.157	164	502211	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	1016544	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1021298	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1005829	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.716	99	7506m	0.389	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	7834m	0.609	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	6901	0.467	ng/u1	0.00
15) 4-Methylphenol-d8	8.239	113	4926m	0.329	ng/u1	0.00
21) Nitrobenzene-d5	8.675	128	2238	0.364	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	1923	0.280	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	6080m	0.433	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.580	166	23865	0.638	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	24091	0.565	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.157	176	20156	0.624	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.010	188	38387	0.764	ng/u1	0.00
81) Pyrene-d10	19.309	212	32917	0.530	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.727	264	16241	0.301	ng/u1	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.328	128	207065	4.837	ng/u1	98
36) 2-Methylnaphthalene	11.945	142	261414	8.534	ng/u1	100
52) Acenaphthene	14.221	153	276999	8.862	ng/u1	99
61) Fluorene	15.216	166	1919034	52.918	ng/u1	100
72) Phenanthrene	16.957	178	5807464	102.762	ng/u1	99
74) Anthracene	17.051	178	12756562	224.885	ng/u1	97
80) Fluoranthene	18.974	202	1570695	21.992	ng/u1	99
82) Pyrene	19.339	202	785528	10.332	ng/u1	99
85) Benzo(a)anthracene	21.121	228	221097	3.106	ng/u1	98
87) Chrysene	21.174	228	294119	4.527	ng/u1	99
90) Benzo(b)fluoranthene	23.044	252	163545	2.429	ng/u1	97

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

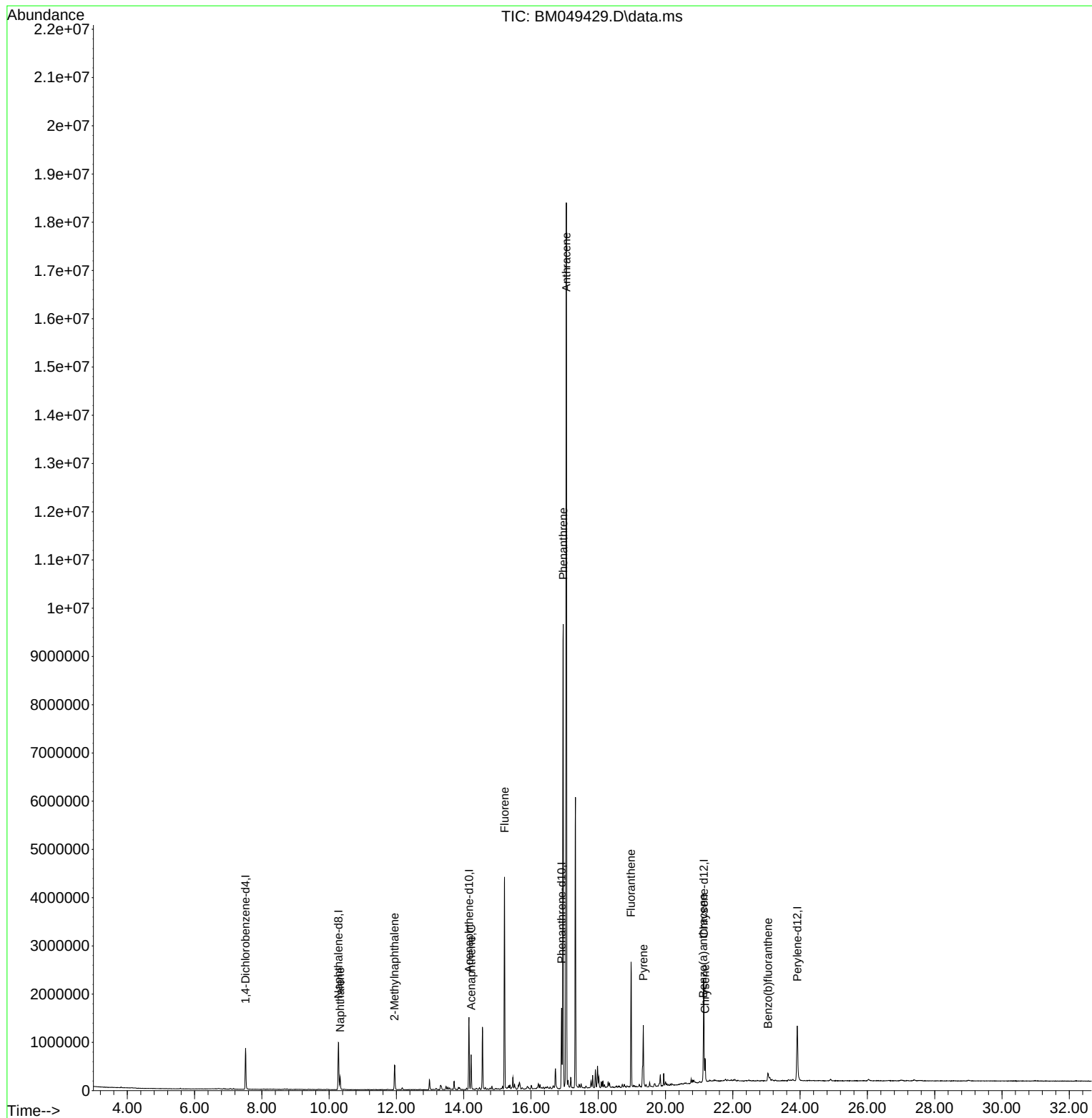
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049429.D
Acq On : 23 Jan 2025 22:01
Operator : RC/JU
Sample : Q1139-08DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

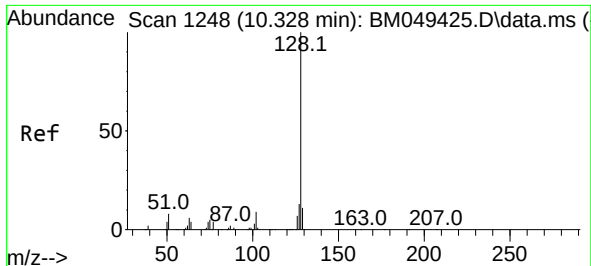
Instrument :
BNA_M
ClientSampleId :
DCZH5DL2

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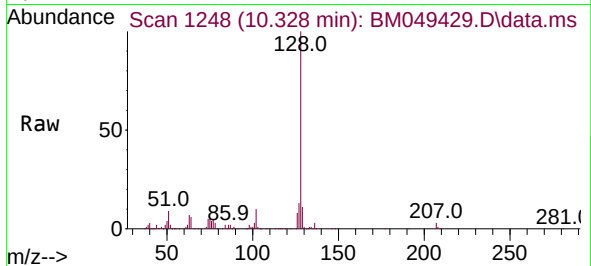
Quant Time: Jan 23 23:57:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
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#30
Naphthalene
Concen: 4.837 ng/ul
RT: 10.328 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BM049429.D
Acq: 23 Jan 2025 22:01

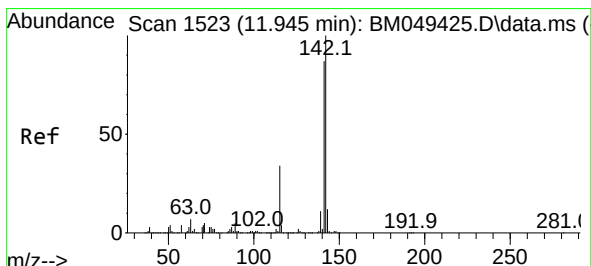
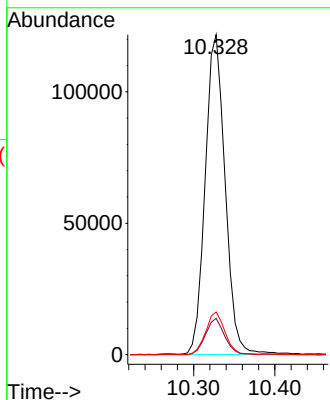
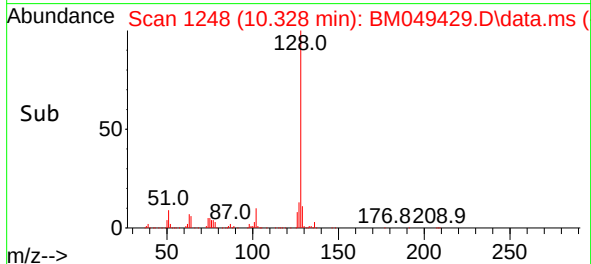
Instrument :
BNA_M
ClientSampleId :
DCZH5DL2



Tgt Ion:128 Resp: 207065
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.4 10.2 15.2

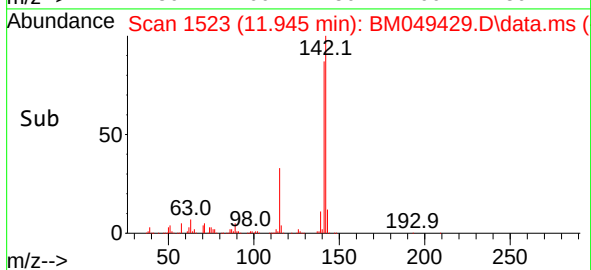
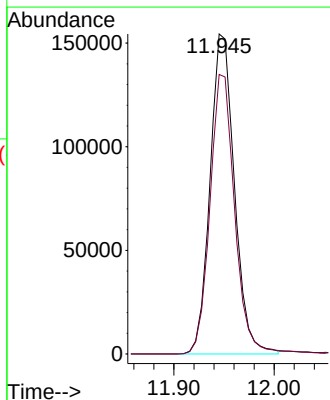
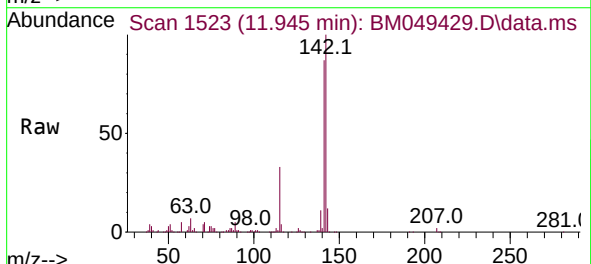
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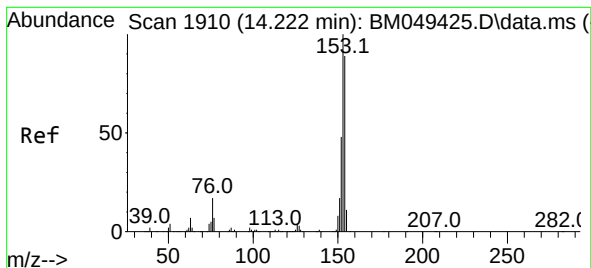
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#36
2-Methylnaphthalene
Concen: 8.534 ng/ul
RT: 11.945 min Scan# 1523
Delta R.T. -0.012 min
Lab File: BM049429.D
Acq: 23 Jan 2025 22:01

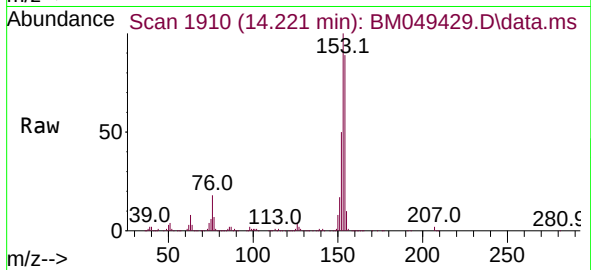
Tgt Ion:142 Resp: 261414
Ion Ratio Lower Upper
142 100
141 87.4 69.6 104.4





#52
Acenaphthene
Concen: 8.862 ng/ul
RT: 14.221 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM049429.D
Acq: 23 Jan 2025 22:01

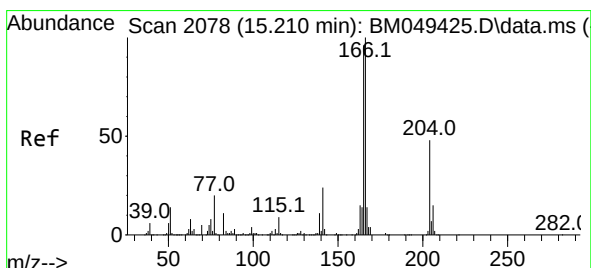
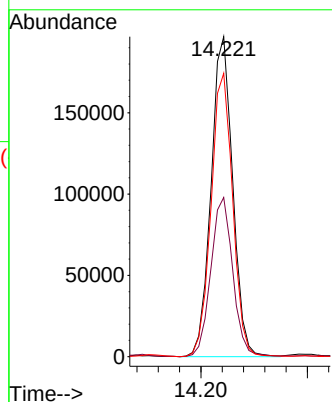
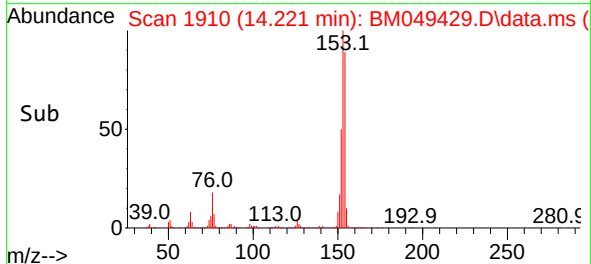
Instrument :
BNA_M
ClientSampleId :
DCZH5DL2



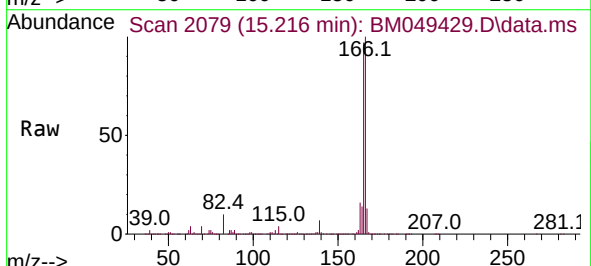
Tgt Ion:153 Resp: 276999
Ion Ratio Lower Upper
153 100
152 49.8 39.0 58.6
154 88.6 71.6 107.4

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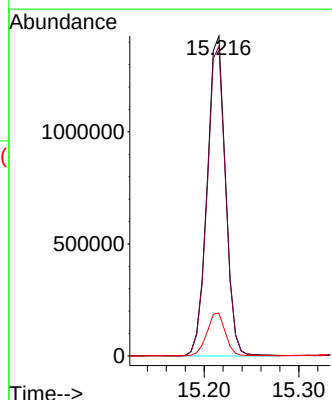
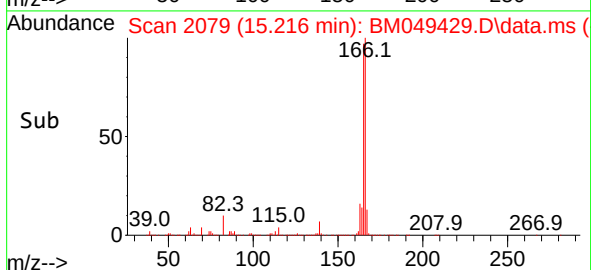
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

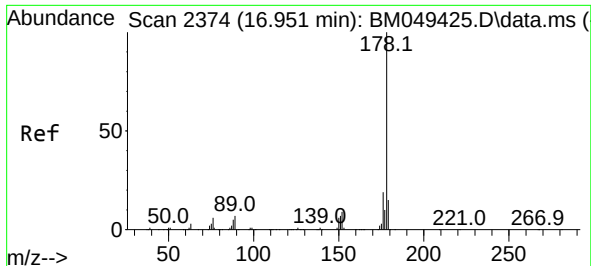


#61
Fluorene
Concen: 52.918 ng/ul
RT: 15.216 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM049429.D
Acq: 23 Jan 2025 22:01



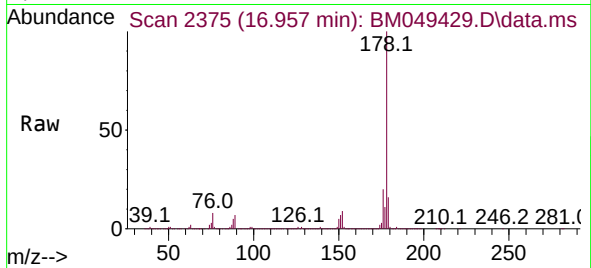
Tgt Ion:166 Resp: 1919034
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 13.4 10.7 16.1





#72
Phenanthrene
Concen: 102.762 ng/u1
RT: 16.957 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049429.D
Acq: 23 Jan 2025 22:01

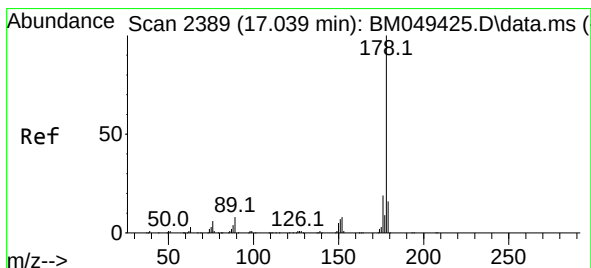
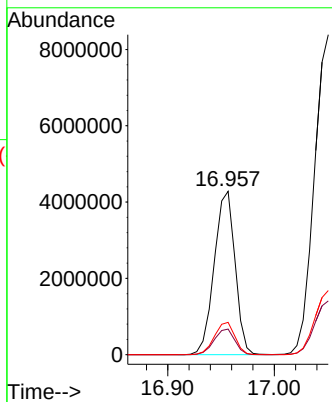
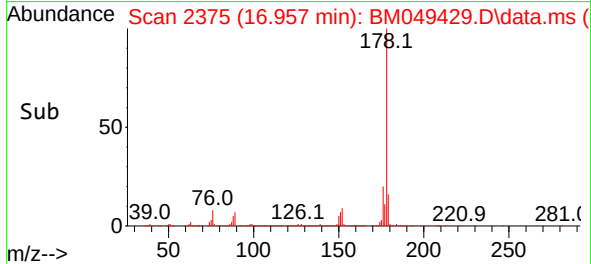
Instrument :
BNA_M
ClientSampleId :
DCZH5DL2



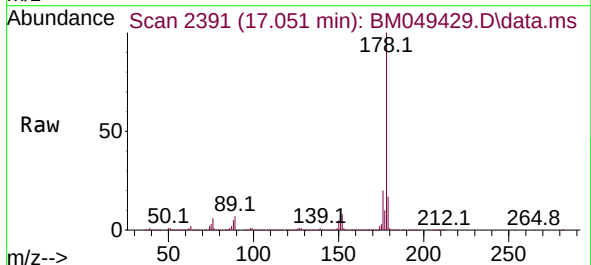
Tgt Ion:178 Resp: 5807464
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.8 15.4 23.2

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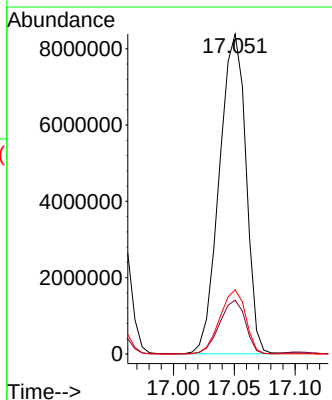
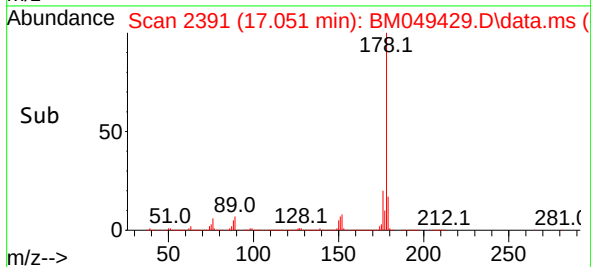
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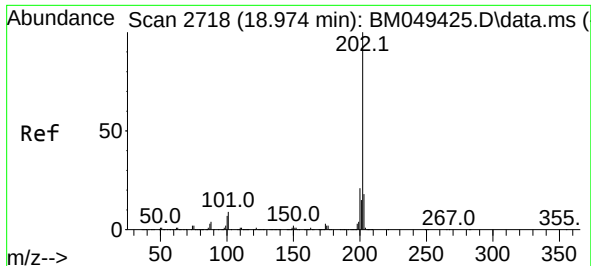


#74
Anthracene
Concen: 224.885 ng/u1
RT: 17.051 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM049429.D
Acq: 23 Jan 2025 22:01



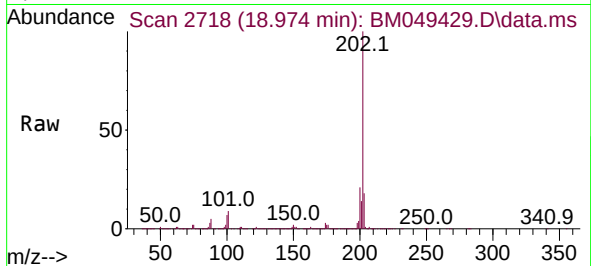
Tgt Ion:178 Resp:12756562
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 20.0 15.1 22.7





#80
Fluoranthene
Concen: 21.992 ng/u1
RT: 18.974 min Scan# 2718
Delta R.T. -0.012 min
Lab File: BM049429.D
Acq: 23 Jan 2025 22:01

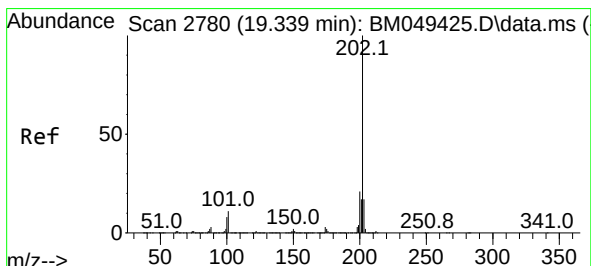
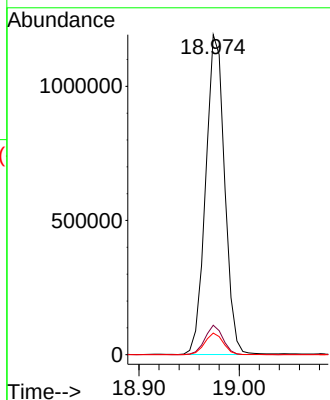
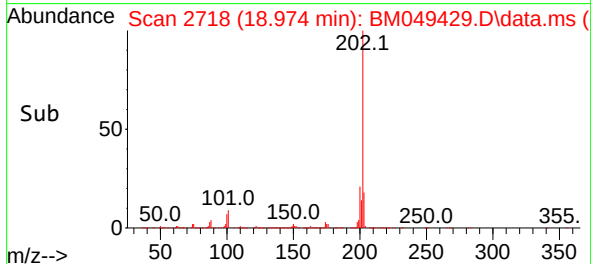
Instrument :
BNA_M
ClientSampleId :
DCZH5DL2



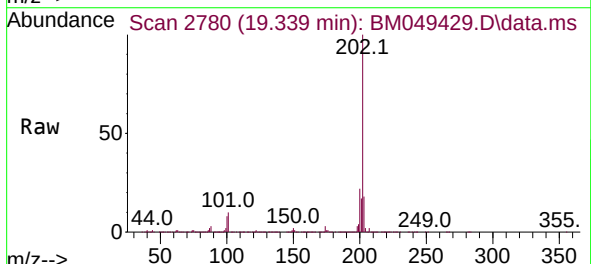
Tgt Ion:202 Resp: 157069
Ion Ratio Lower Upper
202 100
101 9.2 7.0 10.4
100 6.7 5.0 7.6

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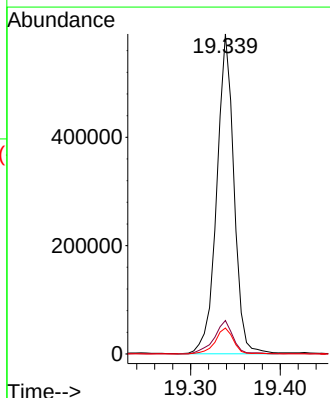
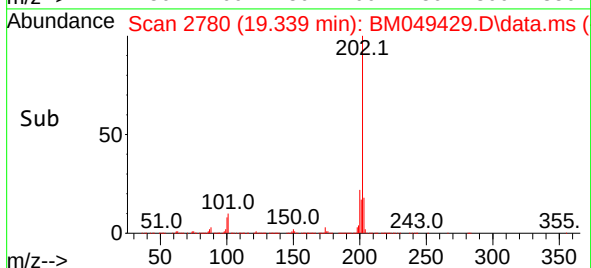
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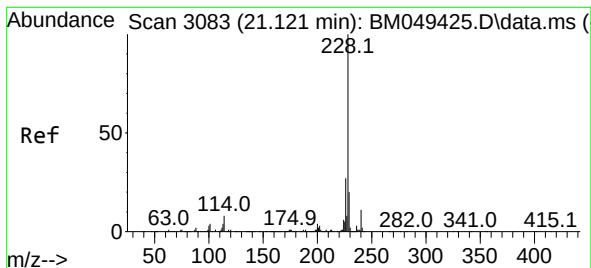


#82
Pyrene
Concen: 10.332 ng/u1
RT: 19.339 min Scan# 2780
Delta R.T. -0.012 min
Lab File: BM049429.D
Acq: 23 Jan 2025 22:01



Tgt Ion:202 Resp: 785528
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.8
100 8.1 6.6 10.0





#85

Benzo(a)anthracene

Concen: 3.106 ng/u1

RT: 21.121 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM049429.D

Acq: 23 Jan 2025 22:01

Instrument :

BNA_M

ClientSampleId :

DCZH5DL2

Tgt Ion:228 Resp: 22109

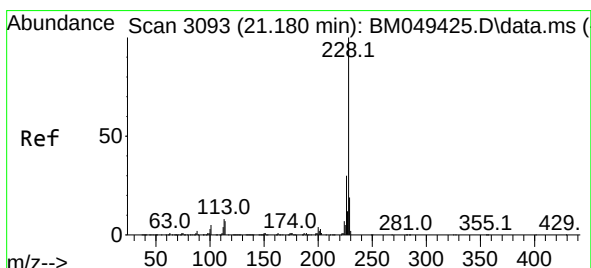
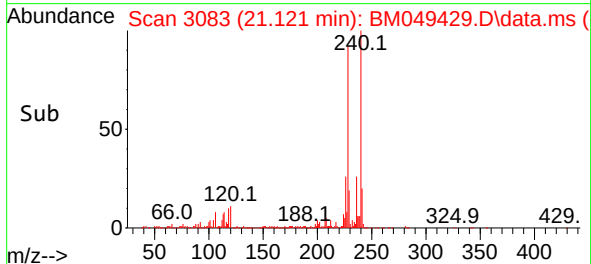
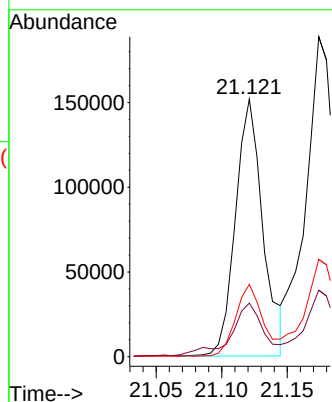
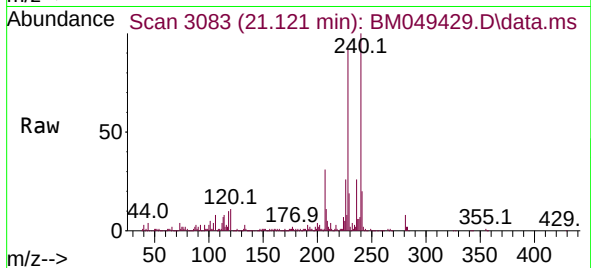
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	28.1	22.1	33.1

Manual Integrations

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#87

Chrysene

Concen: 4.527 ng/u1

RT: 21.174 min Scan# 3092

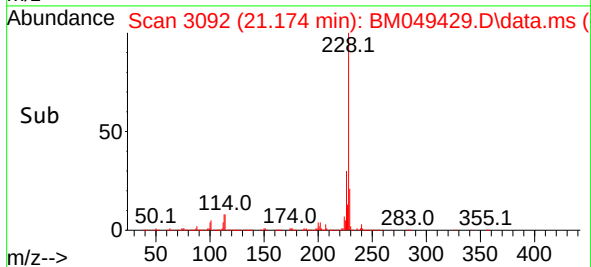
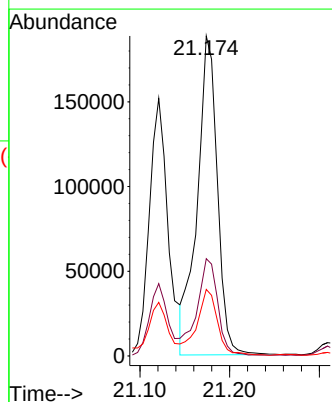
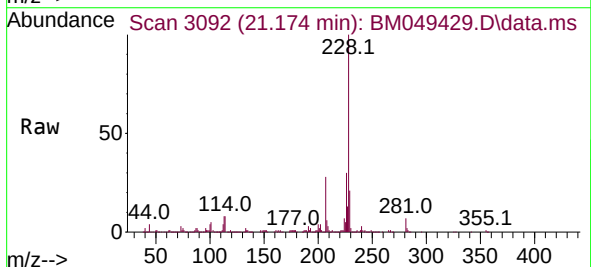
Delta R.T. -0.012 min

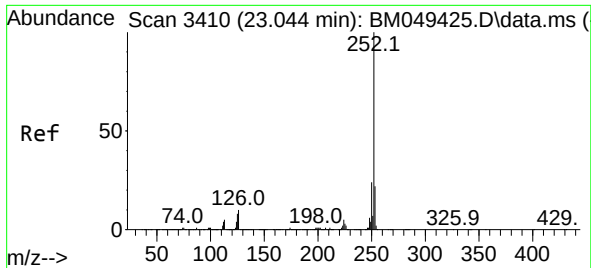
Lab File: BM049429.D

Acq: 23 Jan 2025 22:01

Tgt Ion:228 Resp: 294119

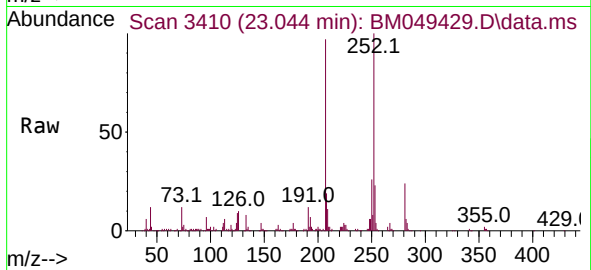
Ion	Ratio	Lower	Upper
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226	30.4	24.3	36.5
229	20.8	16.0	24.0





#90
Benzo(b)fluoranthene
Concen: 2.429 ng/ul
RT: 23.044 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM049429.D
Acq: 23 Jan 2025 22:01

Instrument :
BNA_M
ClientSampleId :
DCZH5DL2



Tgt Ion:252 Resp: 163549
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 8.6 6.6 9.8

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