

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049496.D
 Acq On : 29 Jan 2025 09:45
 Operator : RC/JU
 Sample : Q1139-06MEDL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH3MEDL

Quant Time: Jan 30 08:47:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

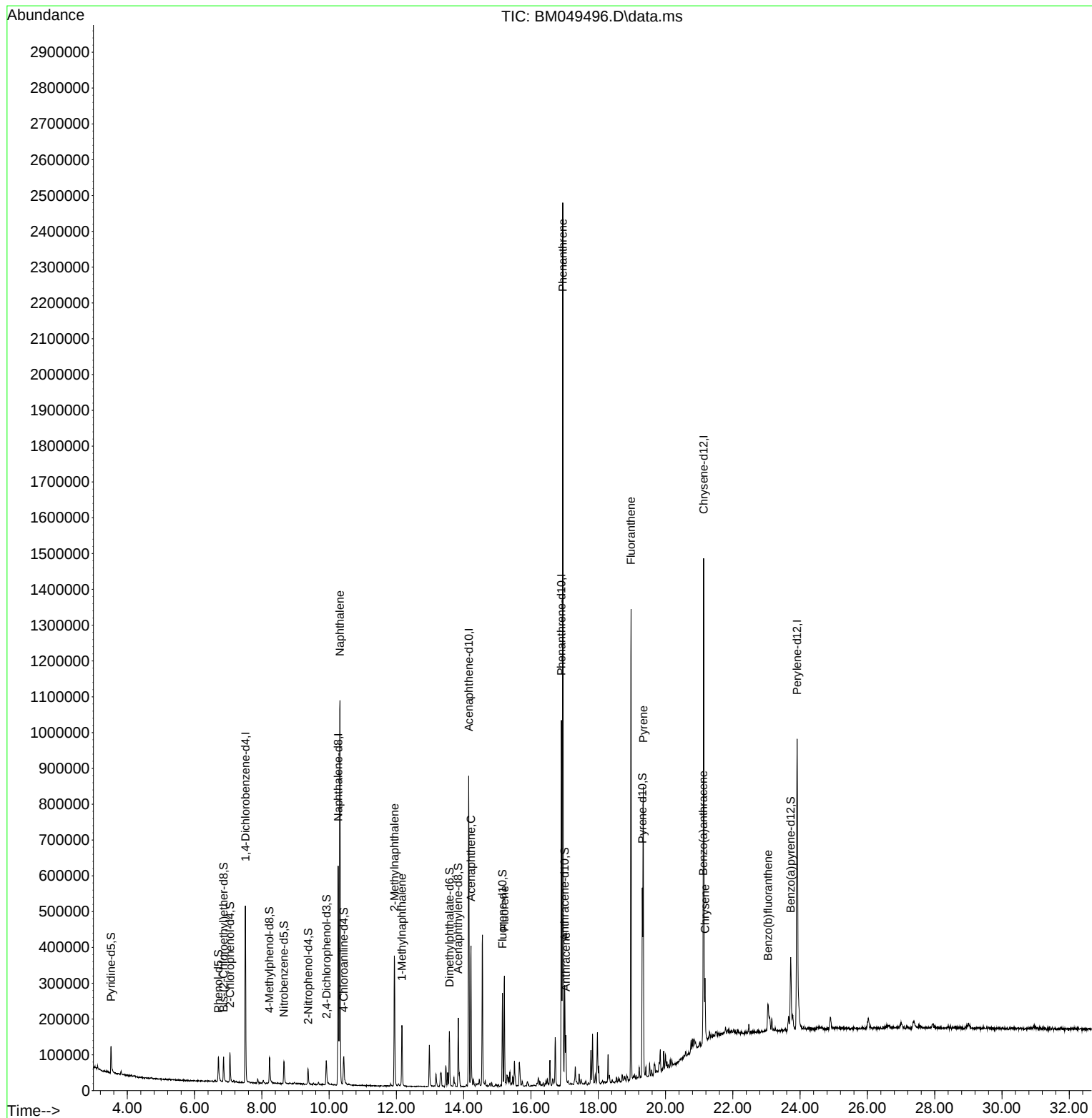
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	135346	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	483453	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	295738	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	601737	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	638291	20.000	ng/u1	0.00
88) Perylene-d12	23.909	264	715574	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	3573	0.978	ng/uL	0.00
4) Pyridine-d5	3.516	84	45097	4.202	ng/u1	0.00
7) Phenol-d5	6.710	99	44316	4.035	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	36705	4.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	36987	4.352	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	32069	3.985	ng/u1	0.00
21) Nitrobenzene-d5	8.657	128	15250	4.123	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	14468	3.586	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	29251	3.553	ng/u1	0.02
31) 4-Chloroaniline-d4	10.433	131	36225	3.430	ng/u1	0.01
46) Dimethylphthalate-d6	13.574	166	110090	5.077	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	126513	4.966	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.151	176	97235	5.099	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.004	188	156151	5.197	ng/u1	0.00
81) Pyrene-d10	19.309	212	192837	5.168	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	185491	4.860	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.322	128	831974	32.322	ng/u1	100
36) 2-Methylnaphthalene	11.939	142	181404	10.334	ng/u1	100
37) 1-Methylnaphthalene	12.163	142	83918	4.849	ng/u1	95
52) Acenaphthene	14.216	153	153217	8.199	ng/u1	98
61) Fluorene	15.210	166	133906	6.219	ng/u1	100
72) Phenanthrene	16.945	178	1388073	40.980	ng/u1	99
74) Anthracene	17.039	178	91837	2.692	ng/u1	97
80) Fluoranthene	18.974	202	776225	18.213	ng/u1	99
82) Pyrene	19.339	202	513409	11.196	ng/u1	99
85) Benzo(a)anthracene	21.115	228	115819	2.583	ng/u1	98
87) Chrysene	21.174	228	104456	2.509	ng/u1	99
90) Benzo(b)fluoranthene	23.050	252	78207	1.686	ng/u1	99

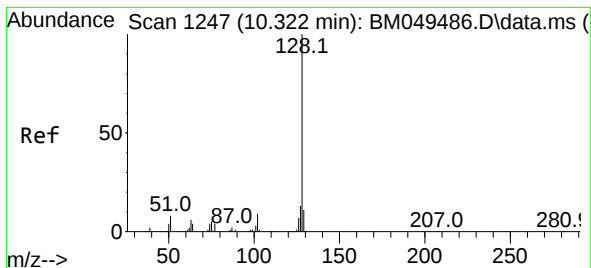
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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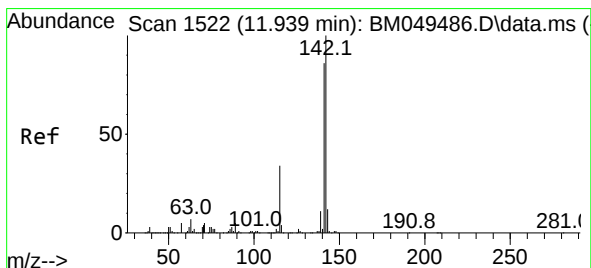
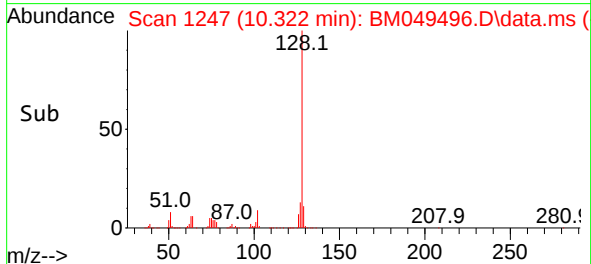
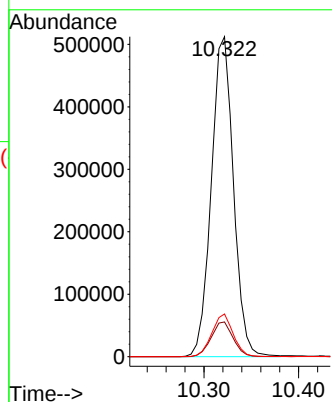
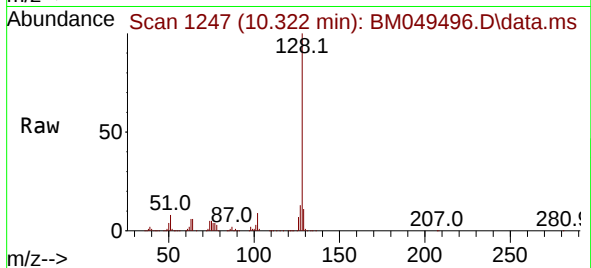




#30
Naphthalene
Concen: 32.322 ng/ul
RT: 10.322 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BM049496.D
Acq: 29 Jan 2025 09:45

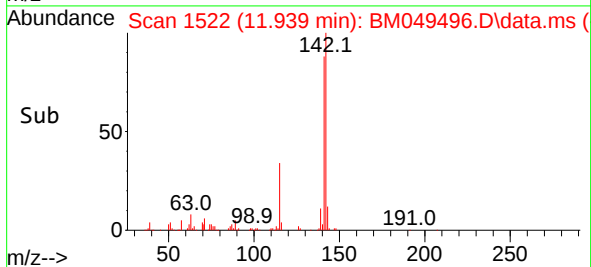
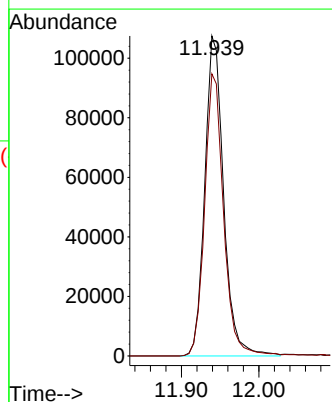
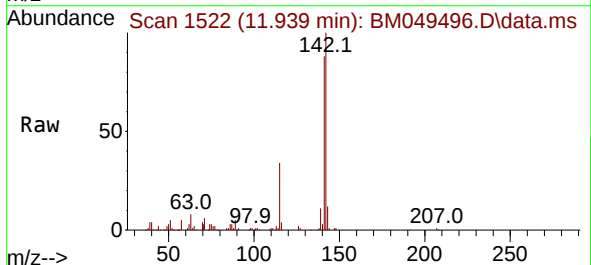
Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

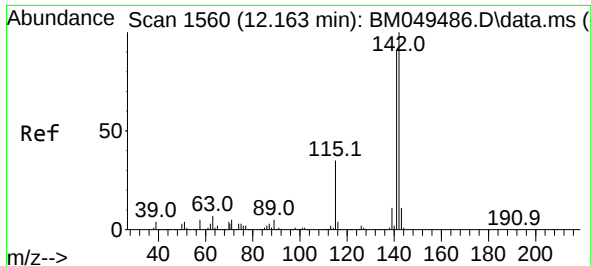
Tgt Ion:128 Resp: 831974
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 15.8



#36
2-Methylnaphthalene
Concen: 10.334 ng/ul
RT: 11.939 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BM049496.D
Acq: 29 Jan 2025 09:45

Tgt Ion:142 Resp: 181404
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

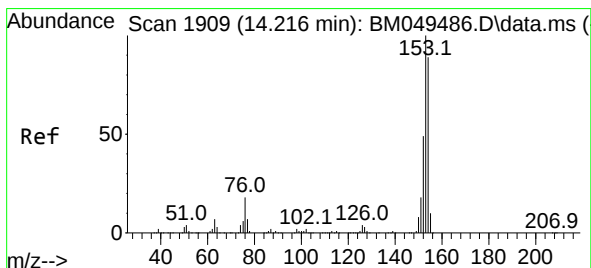
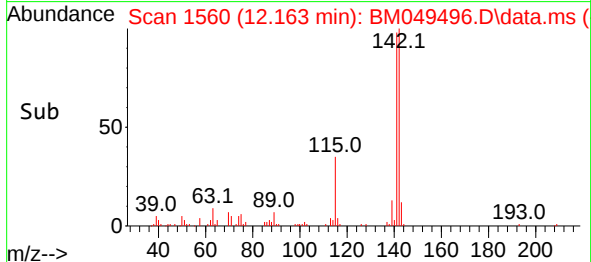
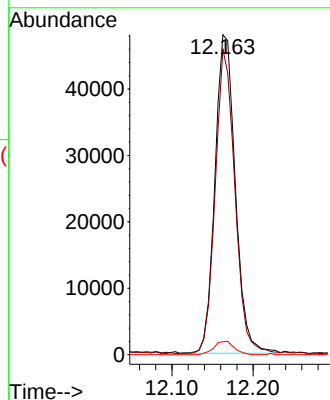
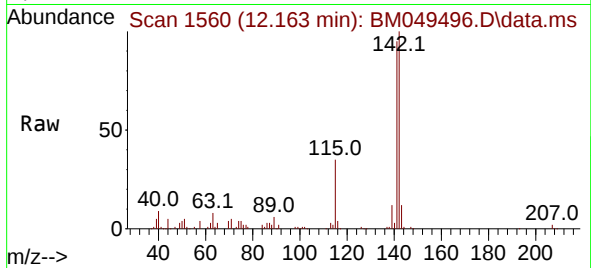




#37
1-Methylnaphthalene
Concen: 4.849 ng/ul
RT: 12.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM049496.D
Acq: 29 Jan 2025 09:45

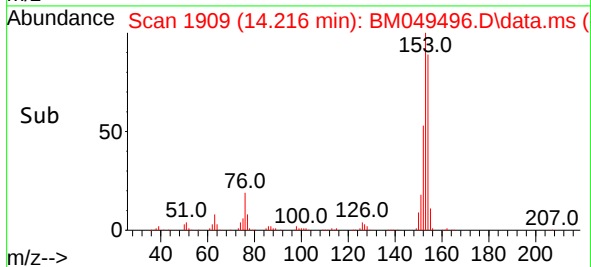
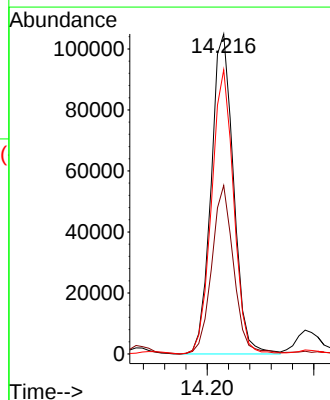
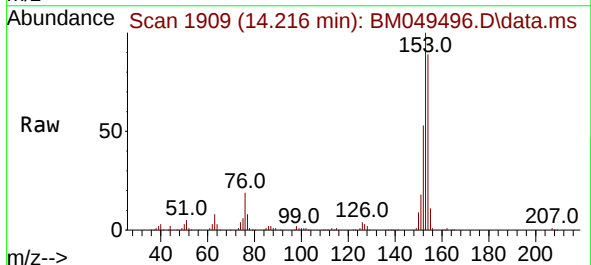
Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

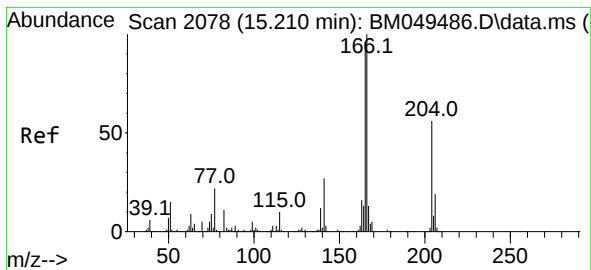
Tgt Ion:142 Resp: 83918
Ion Ratio Lower Upper
142 100
141 95.5 72.8 109.2
116 4.0 3.0 4.6



#52
Acenaphthene
Concen: 8.199 ng/ul
RT: 14.216 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BM049496.D
Acq: 29 Jan 2025 09:45

Tgt Ion:153 Resp: 153217
Ion Ratio Lower Upper
153 100
152 52.7 39.0 58.4
154 88.8 71.5 107.3





#61

Fluorene

Concen: 6.219 ng/ul

RT: 15.210 min Scan# 2078

Delta R.T. -0.000 min

Lab File: BM049496.D

Acq: 29 Jan 2025 09:45

Instrument :

BNA_M

ClientSampleId :

DCZH3MEDL

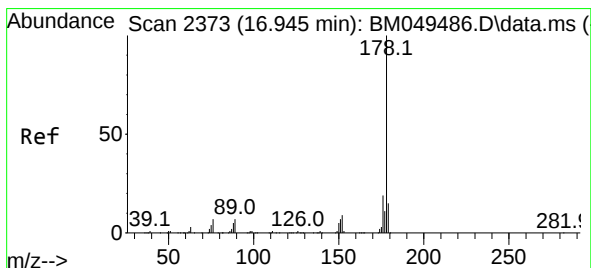
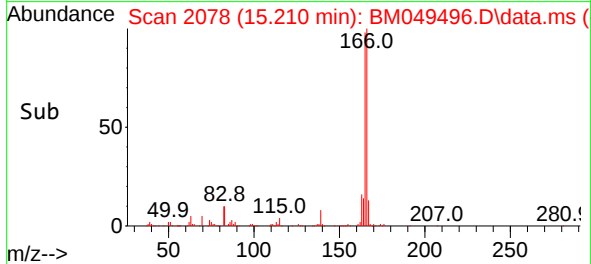
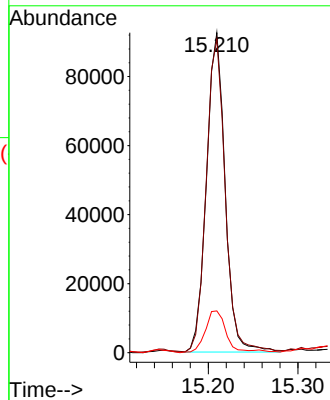
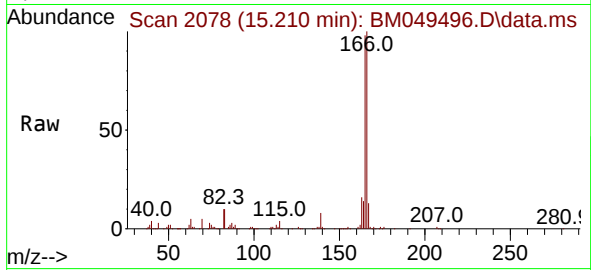
Tgt Ion:166 Resp: 133906

Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

167 13.1 10.7 16.1



#72

Phenanthrene

Concen: 40.980 ng/ul

RT: 16.945 min Scan# 2373

Delta R.T. -0.000 min

Lab File: BM049496.D

Acq: 29 Jan 2025 09:45

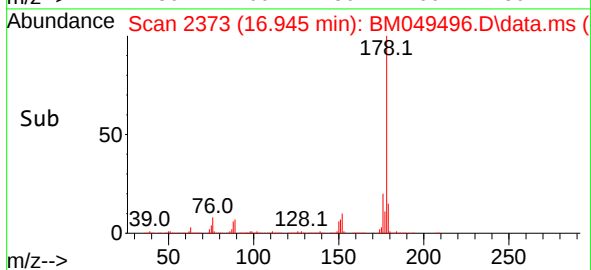
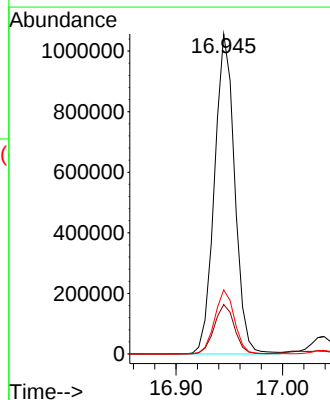
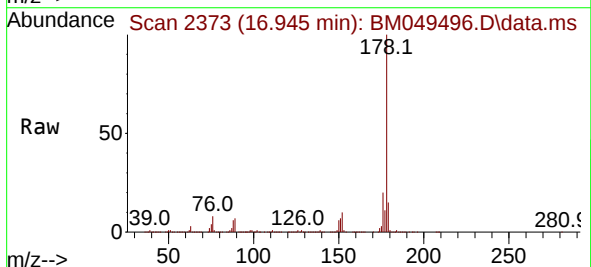
Tgt Ion:178 Resp: 1388073

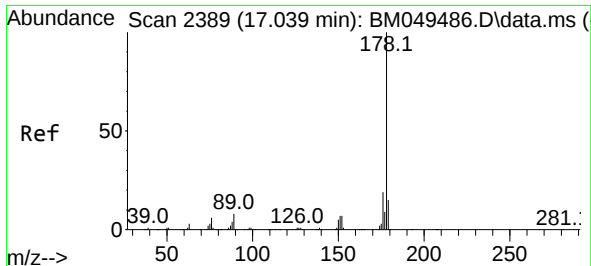
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 20.1 15.6 23.4

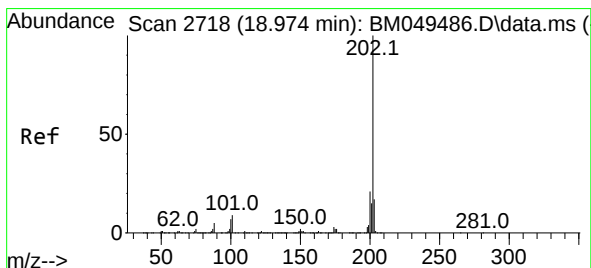
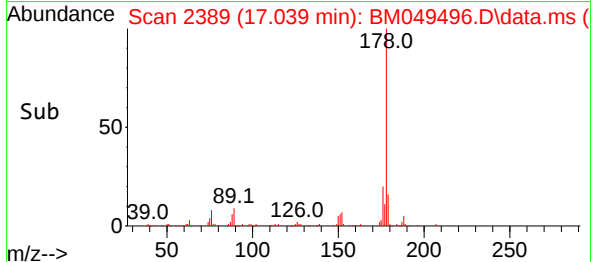
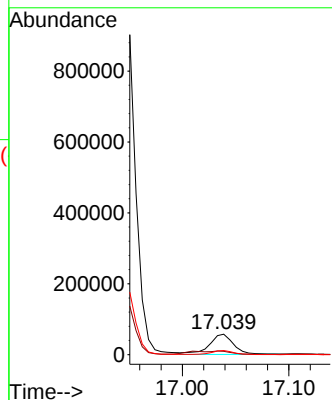
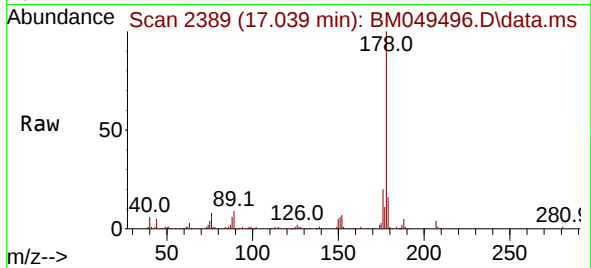




#74
 Anthracene
 Concen: 2.692 ng/ul
 RT: 17.039 min Scan# 2389
 Delta R.T. -0.000 min
 Lab File: BM049496.D
 Acq: 29 Jan 2025 09:45

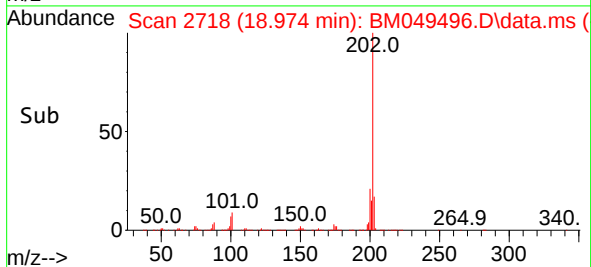
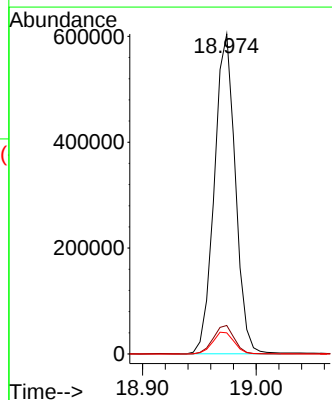
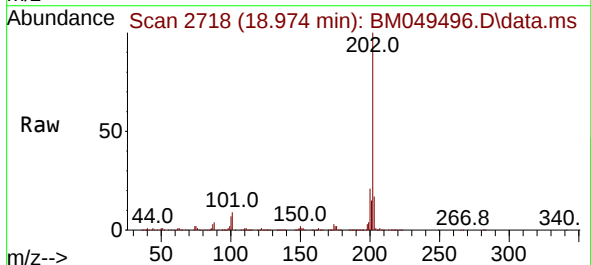
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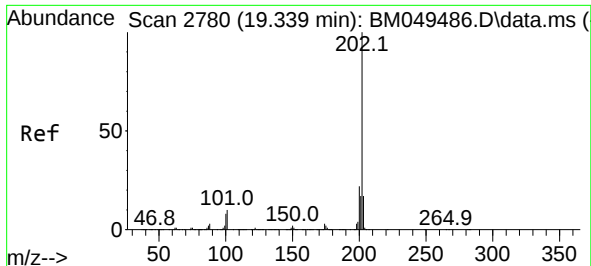
Tgt Ion:178 Resp: 91837
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.2 18.4
 176 20.1 15.0 22.4



#80
 Fluoranthene
 Concen: 18.213 ng/ul
 RT: 18.974 min Scan# 2718
 Delta R.T. -0.000 min
 Lab File: BM049496.D
 Acq: 29 Jan 2025 09:45

Tgt Ion:202 Resp: 776225
 Ion Ratio Lower Upper
 202 100
 101 8.9 6.9 10.3
 100 6.6 5.1 7.7

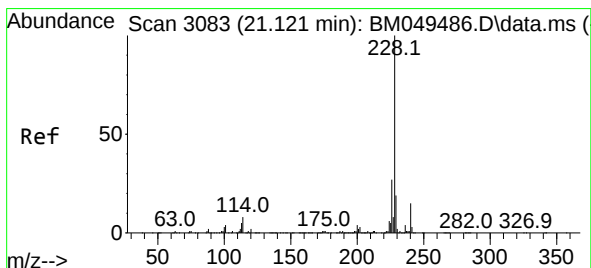
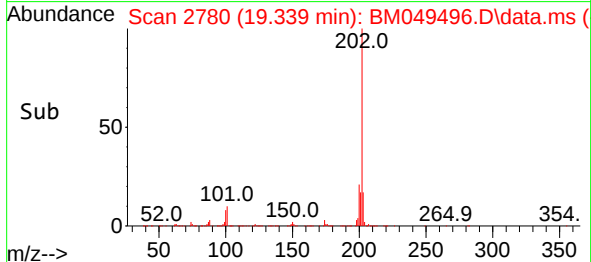
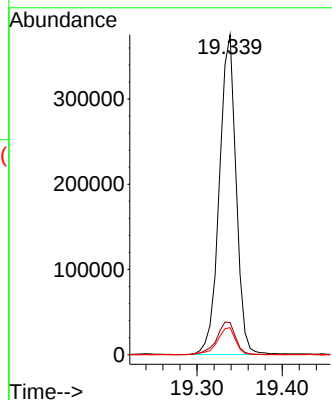
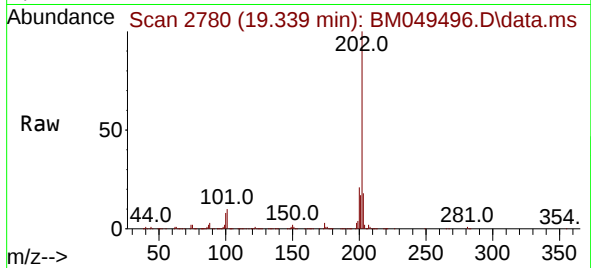




#82
 Pyrene
 Concen: 11.196 ng/ul
 RT: 19.339 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM049496.D
 Acq: 29 Jan 2025 09:45

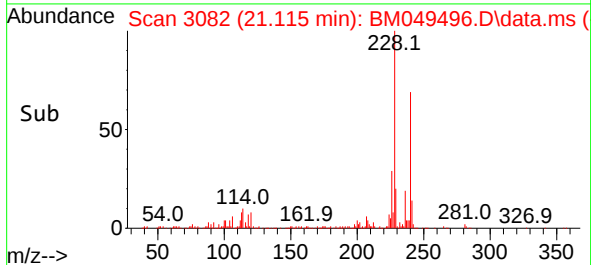
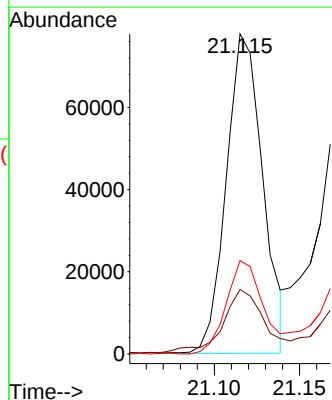
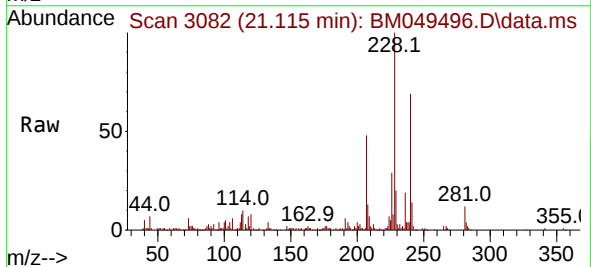
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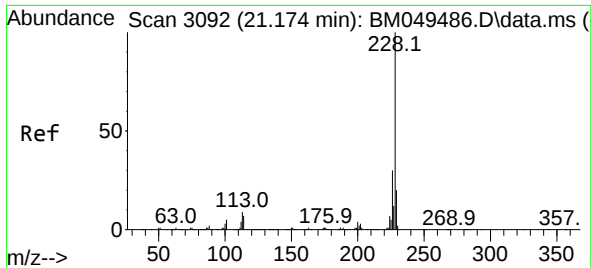
Tgt Ion:202 Resp: 513409
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.3 12.5
 100 8.4 6.6 9.8



#85
 Benzo(a)anthracene
 Concen: 2.583 ng/ul
 RT: 21.115 min Scan# 3082
 Delta R.T. -0.000 min
 Lab File: BM049496.D
 Acq: 29 Jan 2025 09:45

Tgt Ion:228 Resp: 115819
 Ion Ratio Lower Upper
 228 100
 229 20.1 15.7 23.5
 226 29.2 22.1 33.1

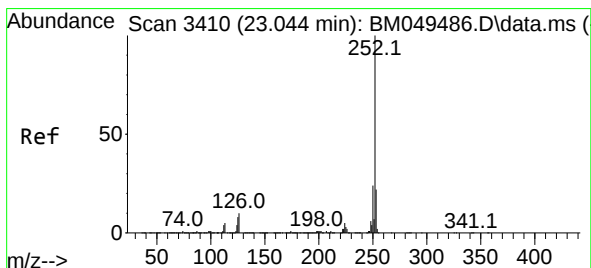
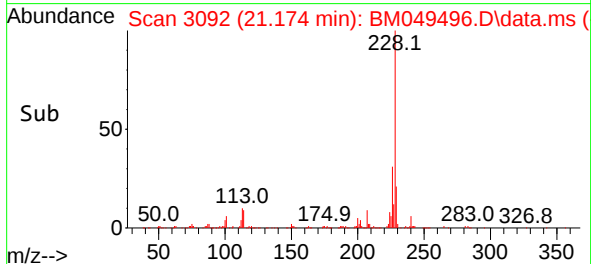
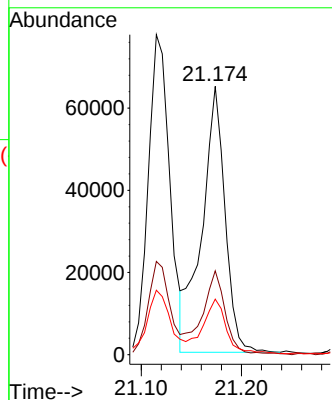
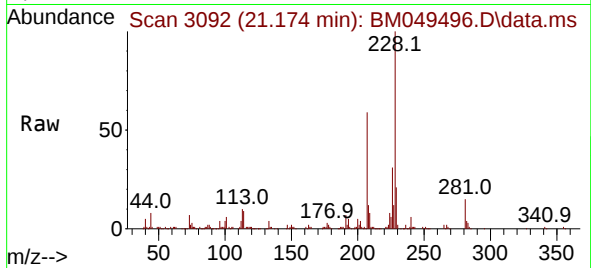




#87
Chrysene
Concen: 2.509 ng/ul
RT: 21.174 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BM049496.D
Acq: 29 Jan 2025 09:45

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

Tgt Ion:228 Resp: 104456
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 20.7 15.9 23.9



#90
Benzo(b)fluoranthene
Concen: 1.686 ng/ul
RT: 23.050 min Scan# 3411
Delta R.T. 0.006 min
Lab File: BM049496.D
Acq: 29 Jan 2025 09:45

Tgt Ion:252 Resp: 78207
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 8.8 6.3 9.5

