

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029427.D
 Acq On : 09 Apr 2021 12:25
 Operator : CG/JU
 Sample : M1881-10DL 25X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQG7DL

Manual Integrations
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mohammad
 4/12/2021 2:46:01 PM

Quant Time: Apr 09 12:57:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 09 11:03:41 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	97855	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	382344	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	211422	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	387953	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	349431	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	364377	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.86	99	4050	0.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	3178	0.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	3587	0.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	3107	0.49	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	1471	0.56	ng/ul	0.01
22) 2-Nitrophenol-d4	9.56	143	1424	0.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	2531	0.45	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.73	166	11734	0.77	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	12535	0.65	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.32	176	10080	0.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.16	188	15779	0.89	ng/ul	0.00
79) Pyrene-d10	19.45	212	16392	0.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	17193	0.92	ng/ul	0.00

Target Compounds

					Ovalue
50) Acenaphthene	14.39	153	28744	2.065	ng/ul 96
59) Fluorene	15.37	166	53678	3.356	ng/ul 100
70) Phenanthrene	17.10	178	522693	23.402	ng/ul 99
72) Anthracene	17.20	178	134467	5.866	ng/ul 97
77) Fluoranthene	19.12	202	461508	18.255	ng/ul 100
80) Pyrene	19.48	202	518987	22.427	ng/ul 97
83) Benzo(a)anthracene	21.23	228	196505	8.919	ng/ul 99
85) Chrysene	21.27	228	177499	8.239	ng/ul 97
88) Benzo(b)fluoranthene	22.79	252	178809	7.623	ng/ul# 96
89) Benzo(k)fluoranthene	22.83	252	63158m	2.742	ng/ul
91) Benzo(a)pyrene	23.35	252	160402	7.708	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.67	276	82911	3.044	ng/ul 94
94) Benzo(g,h,i)perylene	26.35	276	74840	3.383	ng/ul 98

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

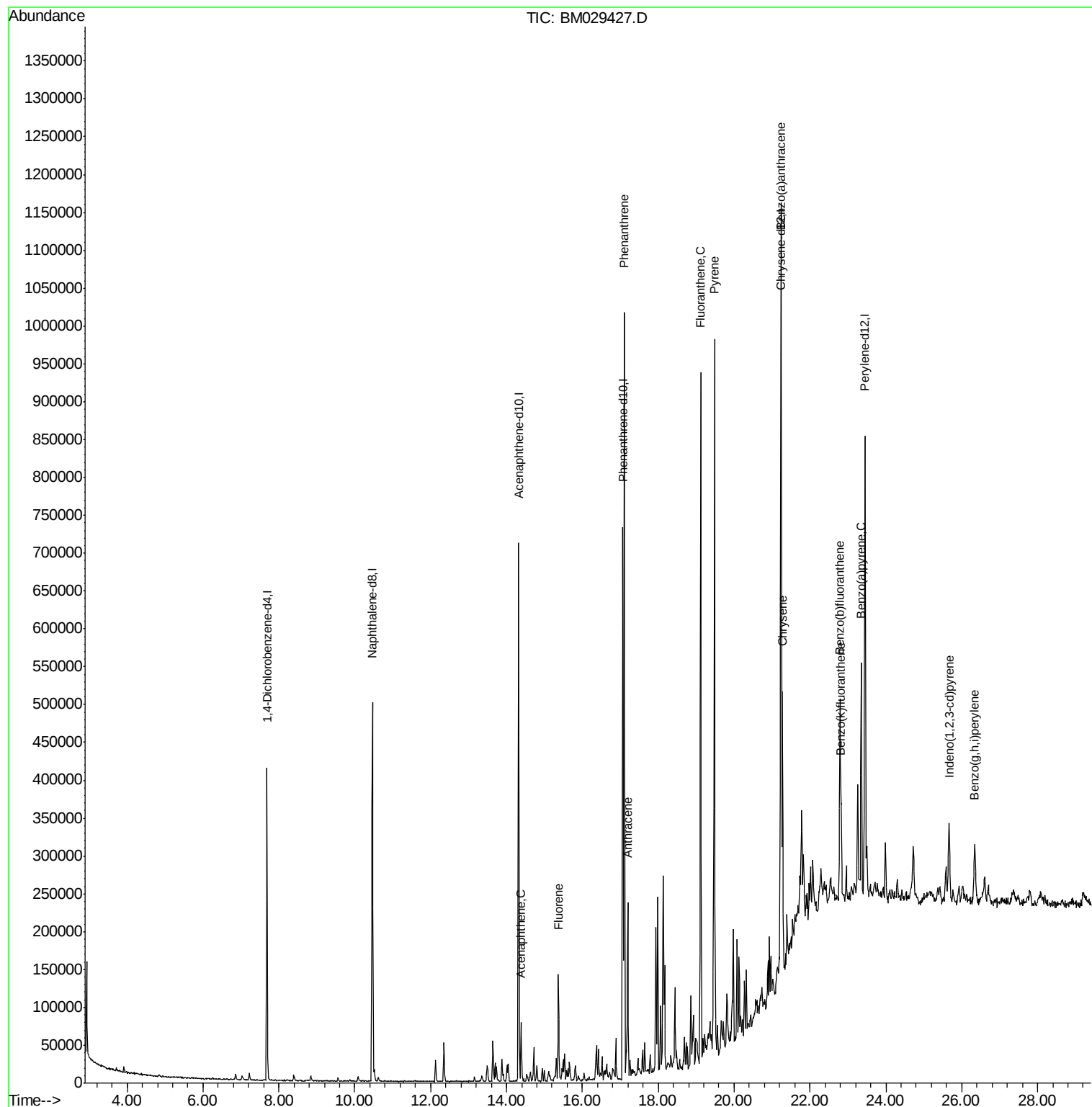
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

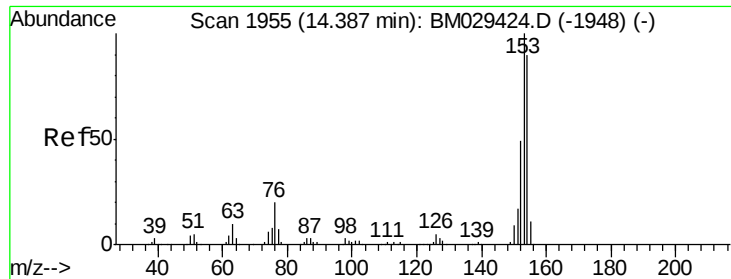
Instrument :
BNA_M
ClientSampleId :
ESQG7DL

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Quant Time: Apr 09 12:57:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 09 11:03:41 2021
Response via : Initial Calibration





#50

Acenaphthene

Concen: 2.065 ng/ul

RT: 14.39 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM029427.D

Acq: 09 Apr 2021 12:25

Instrument :

BNA_M

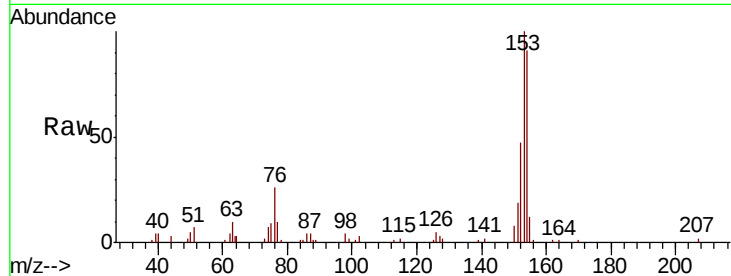
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ESQG7DL

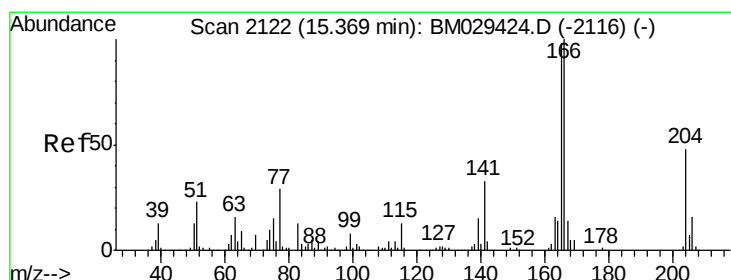
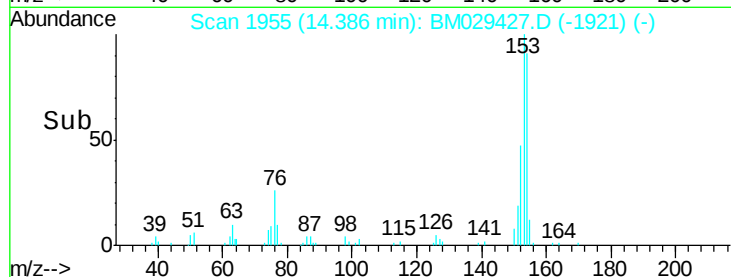
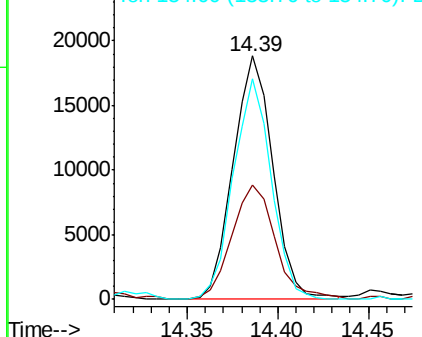
Tot Ion:	153	Resp:	28744
Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.0	55.4
154	90.8	68.7	103.1

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 3.356 ng/ul

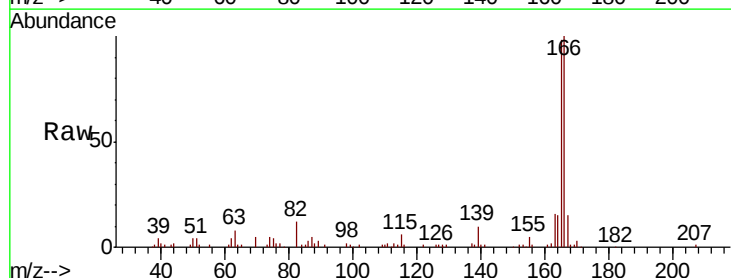
RT: 15.37 min Scan# 2122

Delta R.T. -0.00 min

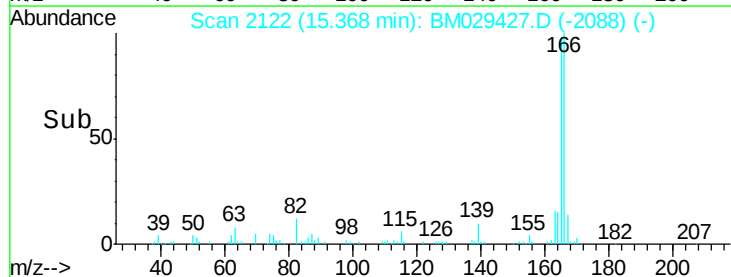
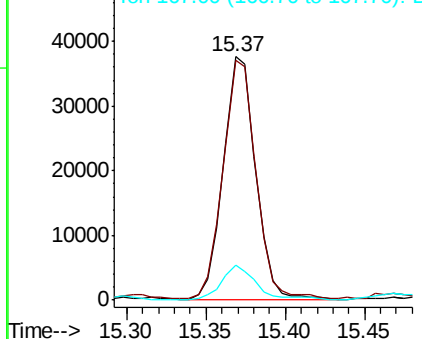
Lab File: BM029427.D

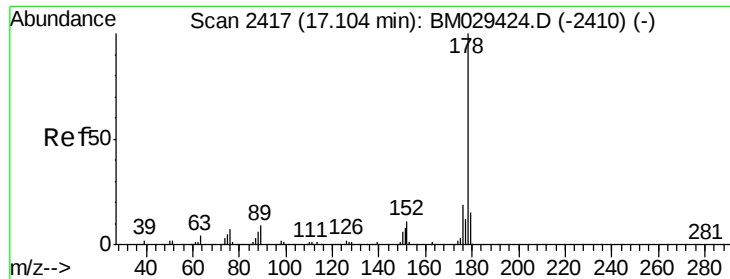
Acq: 09 Apr 2021 12:25

Tgt Ion:	166	Resp:	53678
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.9	118.3
167	14.6	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





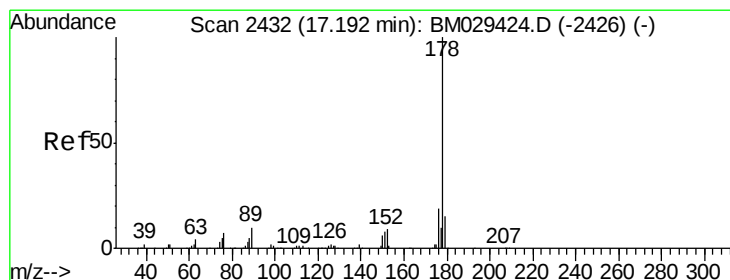
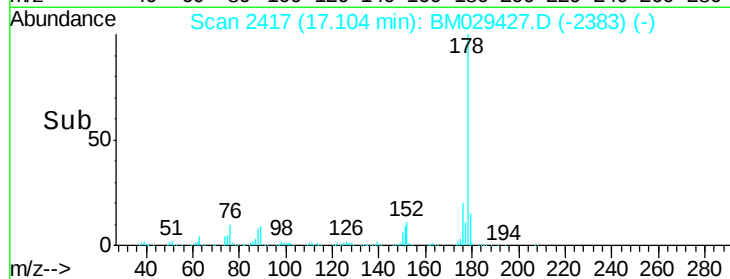
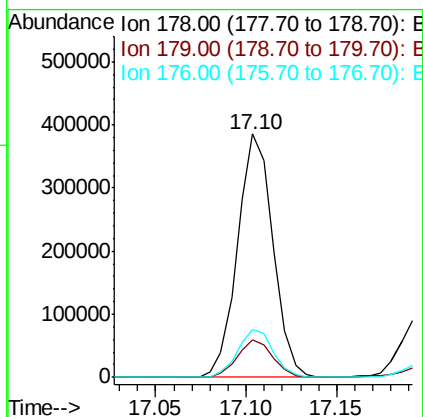
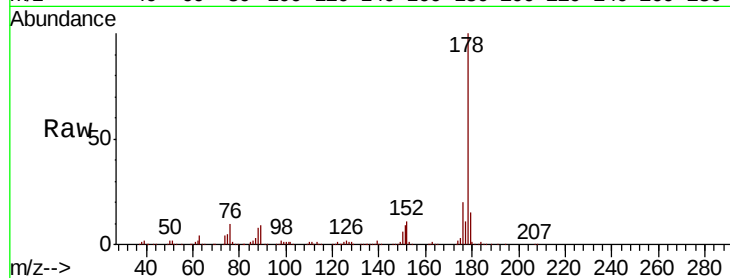
#70
Phenanthrene
Concen: 23.402 ng/ul
RT: 17.10 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM029427.D
Acq: 09 Apr 2021 12:25

Instrument :
BNA_M
ClientSampleId :
ESQG7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.5	15.4	23.2

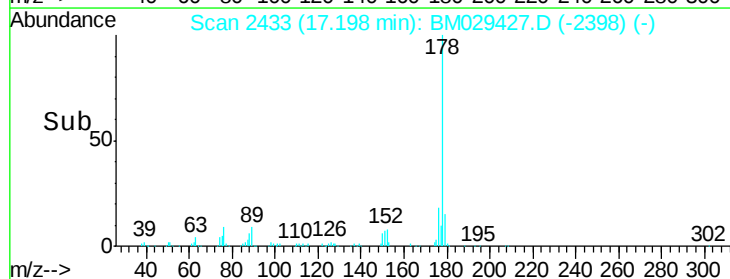
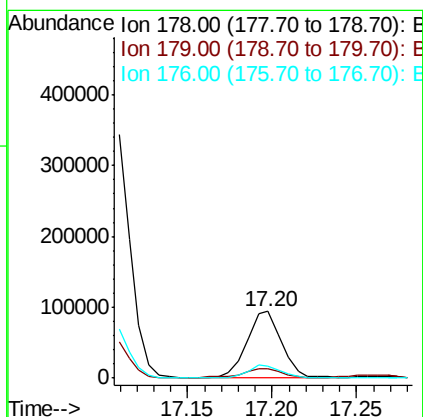
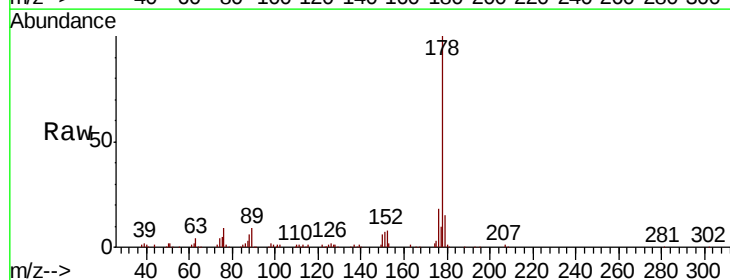
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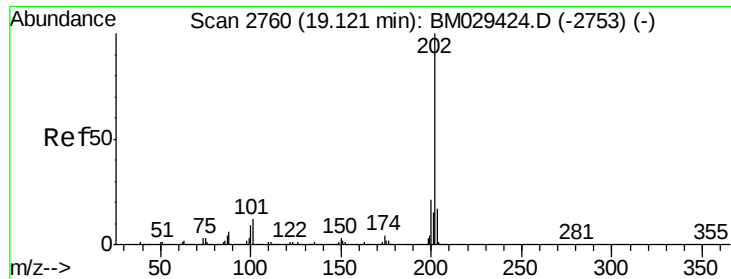
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#72
Anthracene
Concen: 5.866 ng/ul
RT: 17.20 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BM029427.D
Acq: 09 Apr 2021 12:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	18.1	15.4	23.0





#77

Fluoranthene

Concen: 18.255 ng/ul

RT: 19.12 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BM029427.D

Acq: 09 Apr 2021 12:25

Instrument :

BNA_M

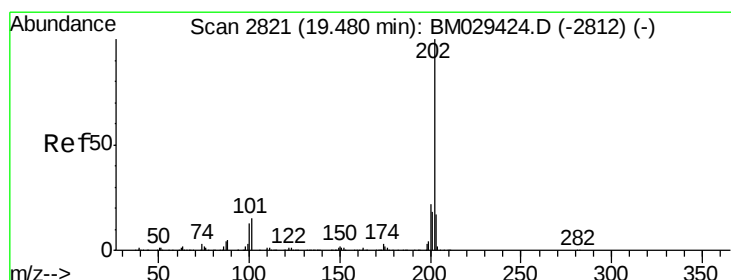
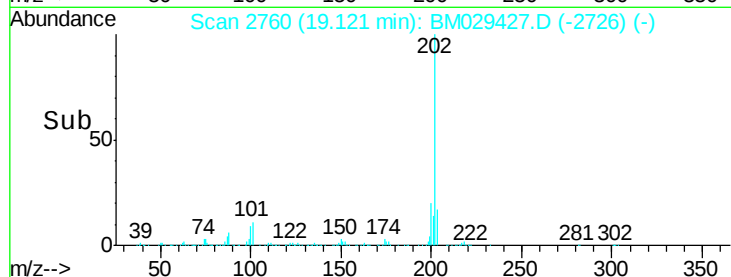
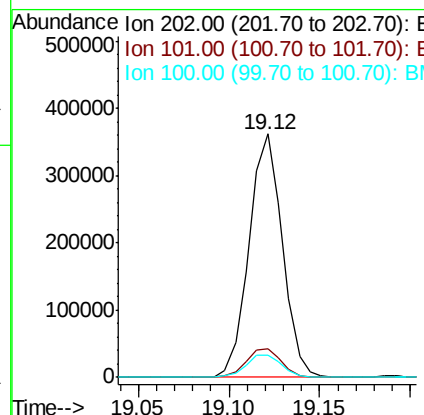
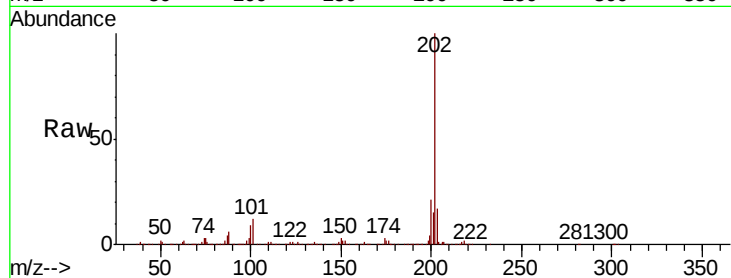
ClientSampleId :

ESQG7DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		461508		
101	11.9	9.8	14.6		
100	9.2	7.4	11.0		

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#80

Pyrene

Concen: 22.427 ng/ul

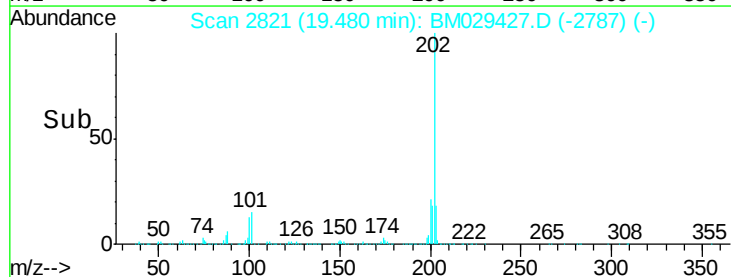
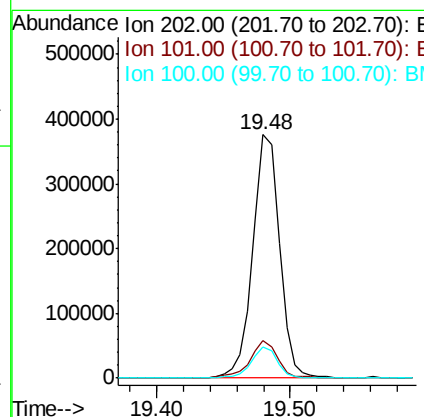
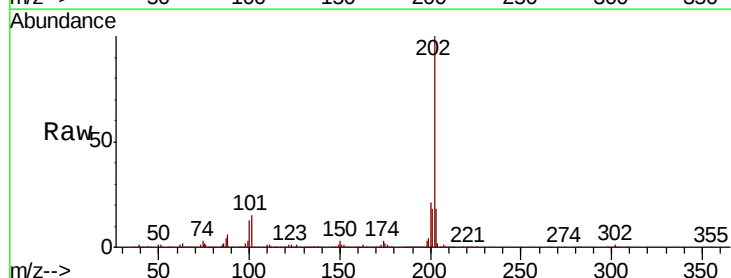
RT: 19.48 min Scan# 2821

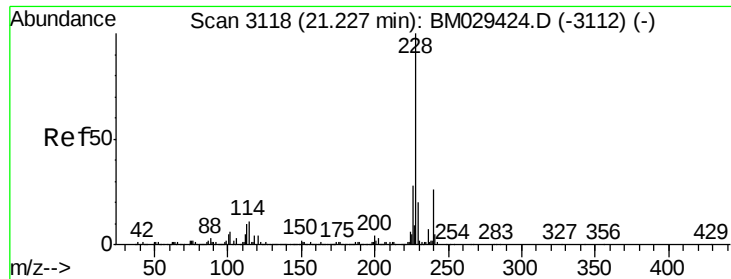
Delta R.T. -0.00 min

Lab File: BM029427.D

Acq: 09 Apr 2021 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		518987		
101	15.4	11.0	16.6		
100	12.8	9.5	14.3		





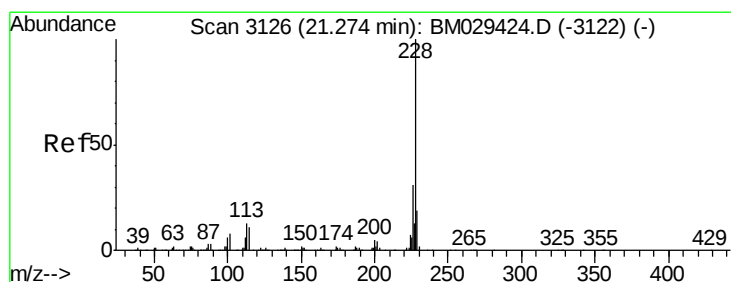
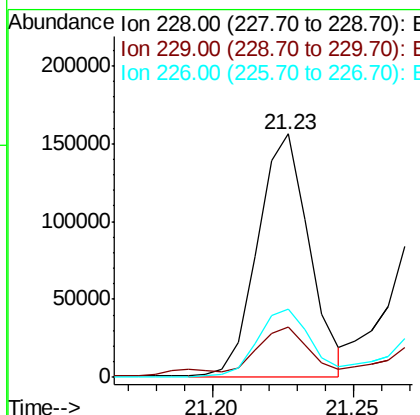
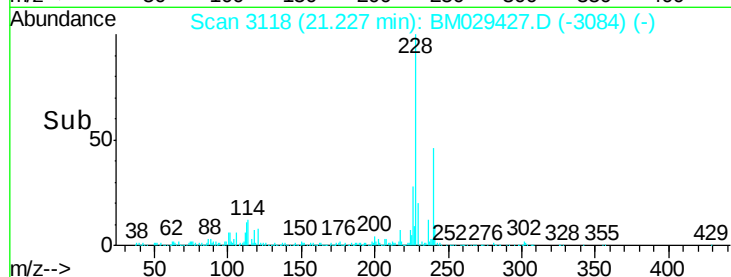
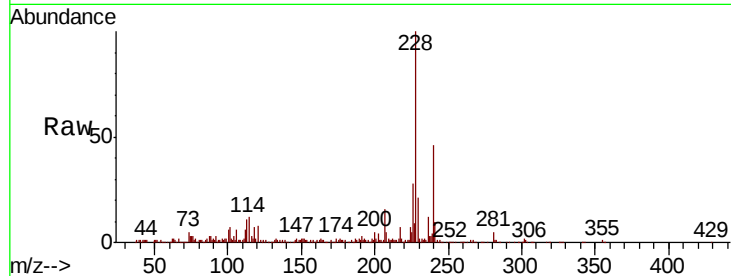
#83
Benzo(a)anthracene
Concen: 8.919 ng/ul
RT: 21.23 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM029427.D
Acq: 09 Apr 2021 12:25

Instrument :
BNA_M
ClientSampleId :
ESQG7DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.9	22.3	33.5

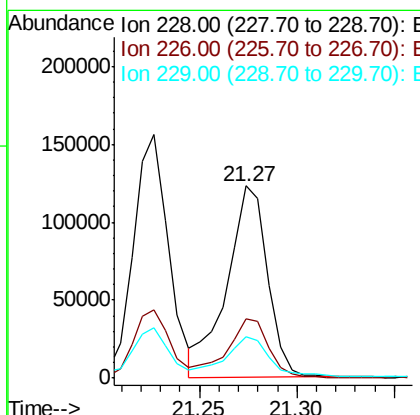
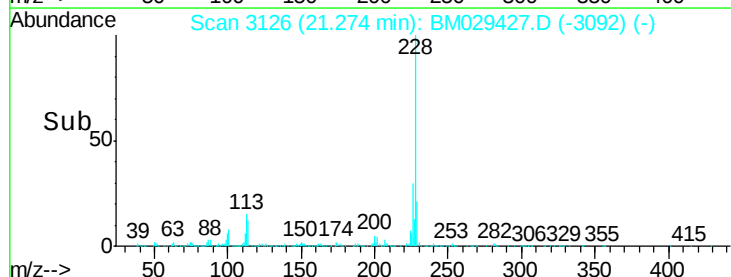
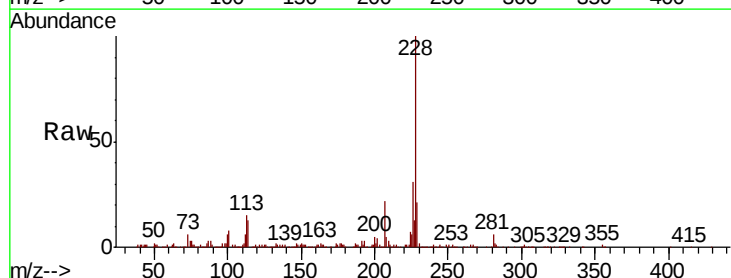
Manual Integrations
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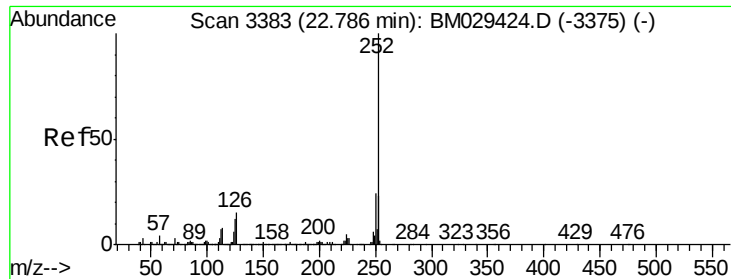
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#85
Chrysene
Concen: 8.239 ng/ul
RT: 21.27 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BM029427.D
Acq: 09 Apr 2021 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	21.4	15.4	23.0





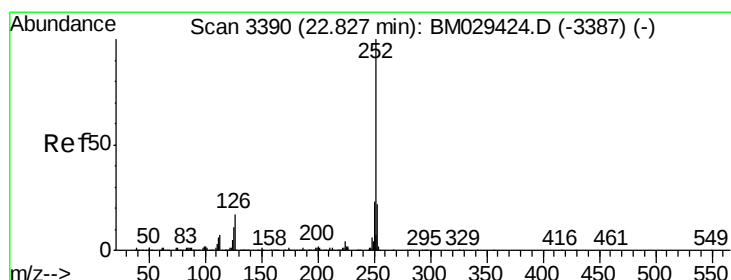
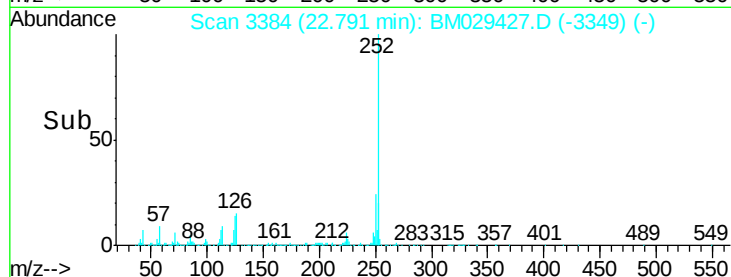
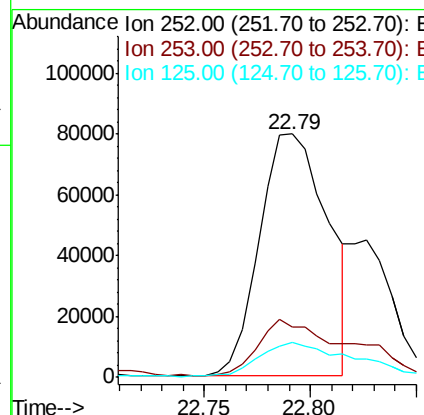
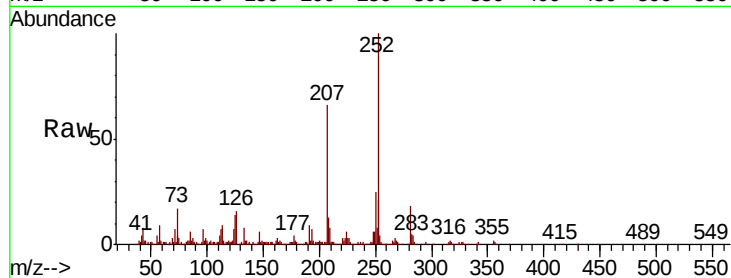
#88
Benzo(b)fluoranthene
Concen: 7.623 ng/ul
RT: 22.79 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM029427.D
Acq: 09 Apr 2021 12:25

Instrument :
BNA_M
ClientSampleId :
ESQG7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	14.4	8.8	13.2

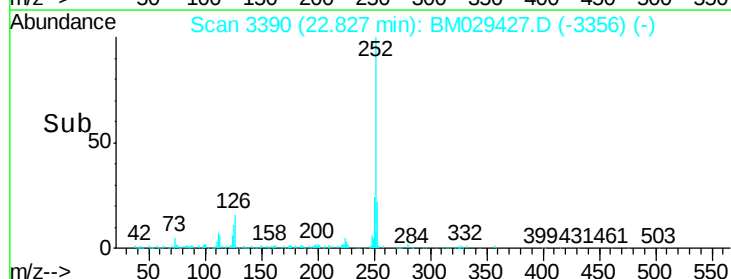
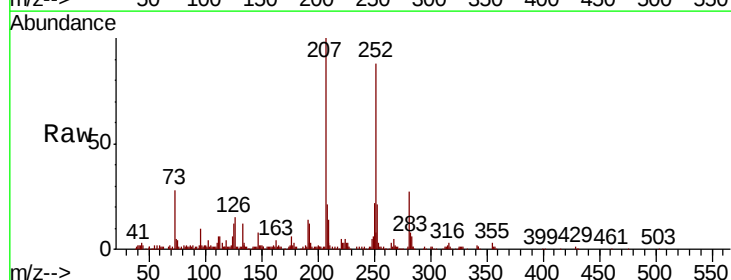
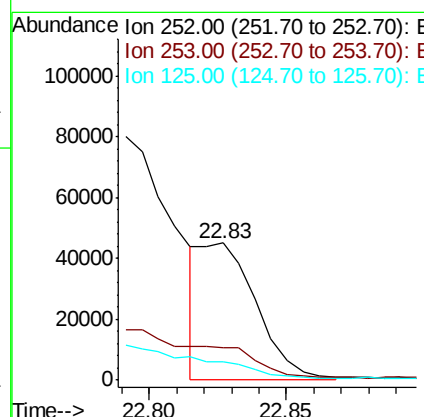
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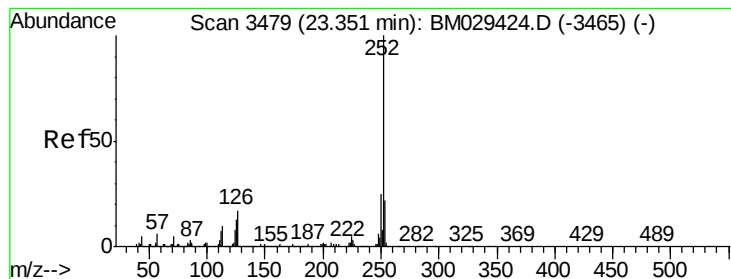
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#89
Benzo(k)fluoranthene
Concen: 2.742 ng/ul m
RT: 22.83 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BM029427.D
Acq: 09 Apr 2021 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	13.0	9.4	14.0





#91

Benzo(a)pyrene

Concen: 7.708 ng/ul

RT: 23.35 min Scan# 3479

Delta R.T. -0.00 min

Lab File: BM029427.D

Acq: 09 Apr 2021 12:25

Instrument :

BNA_M

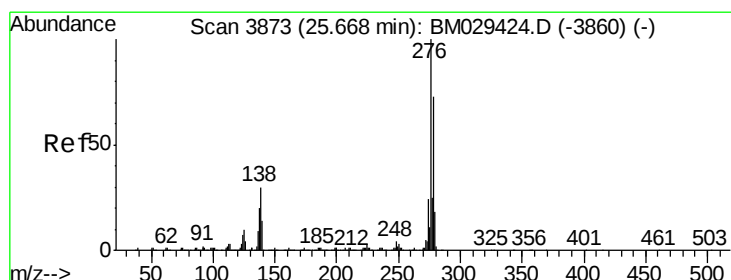
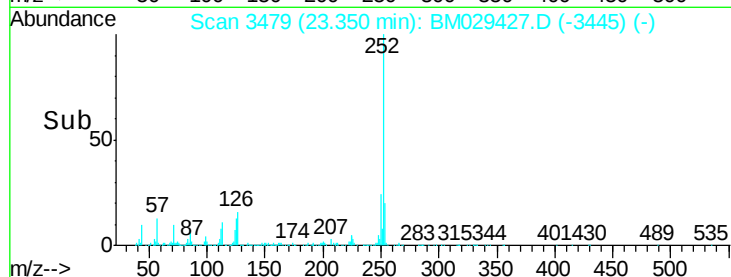
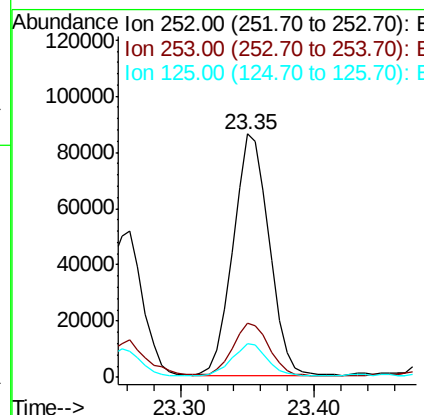
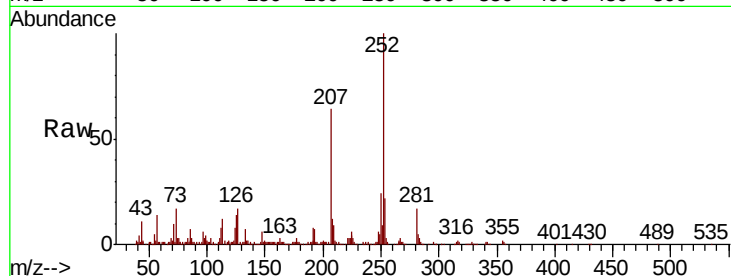
ClientSampleId :

ESQG7DL

Tot Ion:	252	Resp:	160402
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	14.0	9.8	14.8

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.044 ng/ul

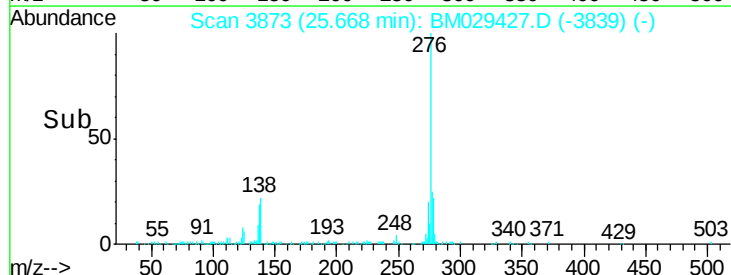
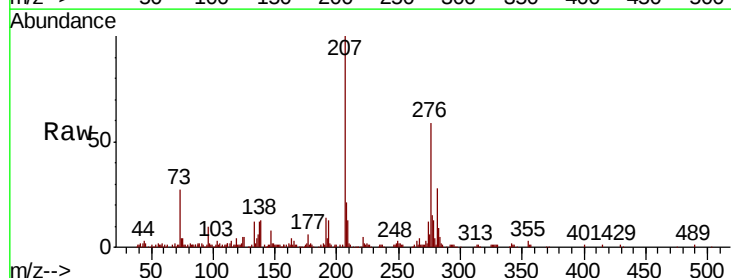
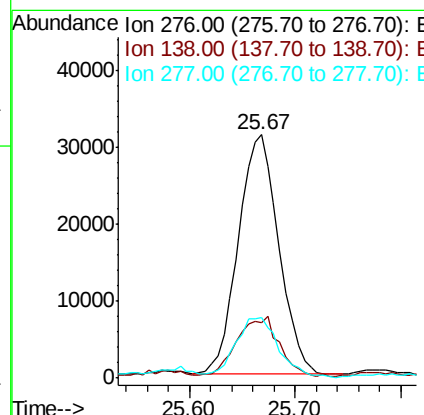
RT: 25.67 min Scan# 3873

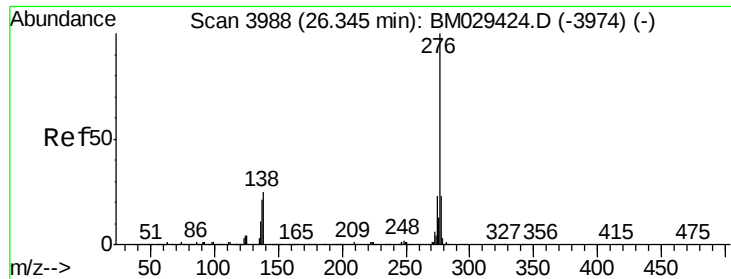
Delta R.T. -0.00 min

Lab File: BM029427.D

Acq: 09 Apr 2021 12:25

Tgt Ion:	276	Resp:	82911
Ion Ratio	Lower	Upper	
276	100		
138	22.7	22.3	33.5
277	25.1	19.7	29.5





#94

Benzo(a,h,i)perylene

Concen: 3.383 ng/ul

RT: 26.35 min Scan# 3989

Delta R.T. 0.01 min

Lab File: BM029427.D

Acq: 09 Apr 2021 12:25

Instrument :

BNA_M

ClientSampleId :

ESQG7DL

Tot Ion:	276	Resp:	74840
Ion Ratio	Lower	Upper	
276	100		
138	26.3	19.5	29.3
277	23.5	18.8	28.2

Manual Integrations
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