

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031129.D
 Acq On : 22 Apr 2024 19:35
 Operator : MA/JU
 Sample : P2037-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CX8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 00:27:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	70781	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	343041	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	257492	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	607991	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.286	240	593941	20.000	ng/u1	# 0.02
88) Perylene-d12	24.233	264	762429m	20.000	ng/u1	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	4831	3.189	ng/uL	0.00
4) Pyridine-d5	3.564	84	39779	9.117	ng/u1	0.01
7) Phenol-d5	6.810	99	93278	15.622	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	77398	22.280	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	49456	10.638	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	25246	5.028	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	58703	23.817	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	15176	5.923	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	25007	4.950	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	133232	16.875	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	456503	25.477	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	618043	30.438	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	2376	0.635	ng/u1	0.01
60) Fluorene-d10	15.275	176	507382	32.528	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	916	0.299	ng/u1	0.00
73) Anthracene-d10	17.133	188	828800	31.451	ng/u1	0.00
81) Pyrene-d10	19.439	212	993049	34.025	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1117398	30.906	ng/u1	0.05
Target Compounds						
					Qvalue	
8) Phenol	6.834	94	8517	1.384	ng/u1#	90
16) Acetophenone	8.457	105	35905	4.615	ng/u1	99
72) Phenanthrene	17.075	178	87827	2.731	ng/u1#	75
80) Fluoranthene	19.104	202	110618	3.202	ng/u1#	90
82) Pyrene	19.469	202	132772	3.658	ng/u1#	90
87) Chrysene	21.327	228	62040	1.621	ng/u1#	42

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

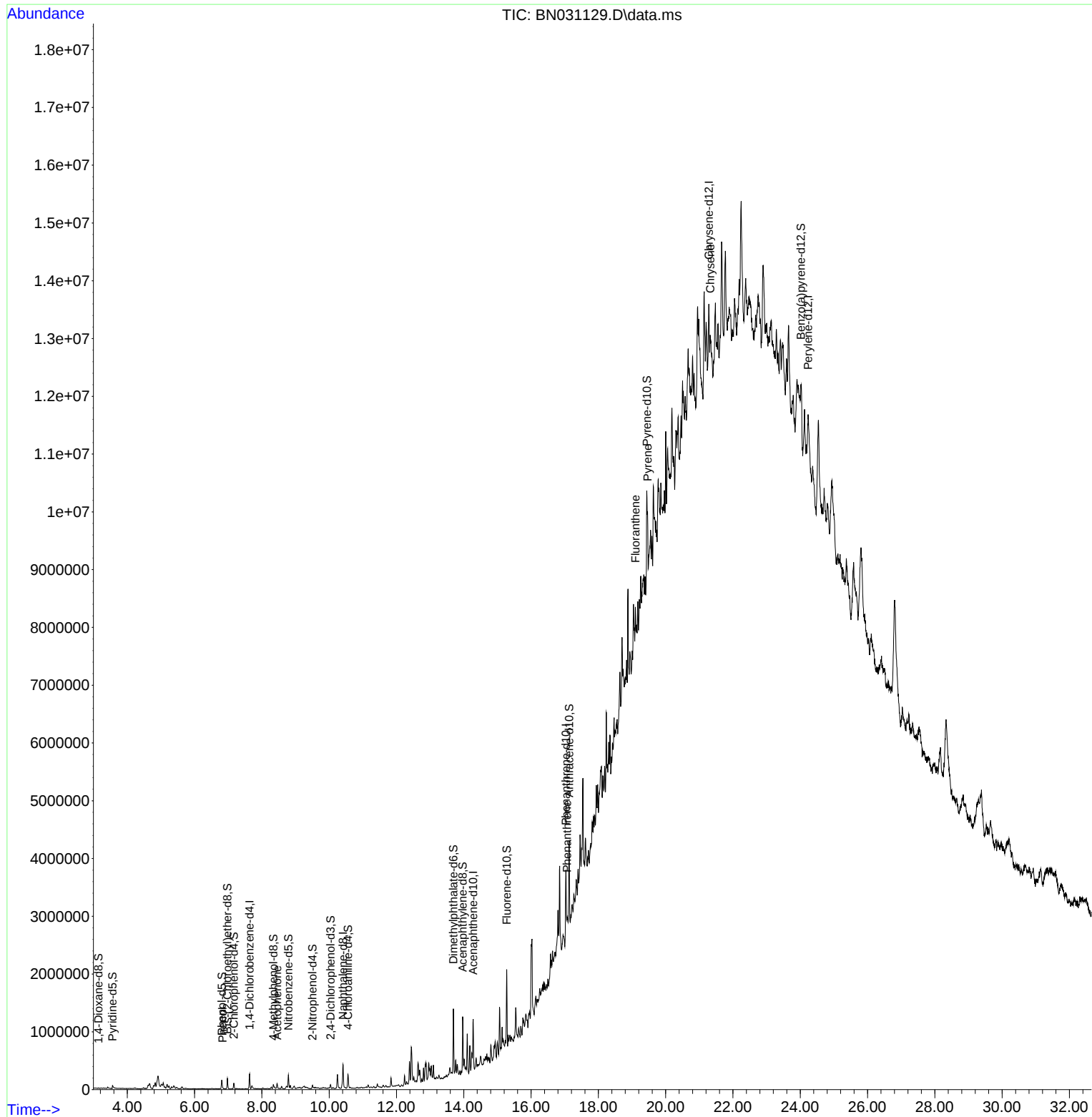
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031129.D
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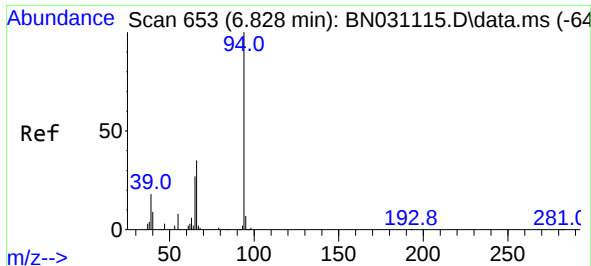
Instrument :
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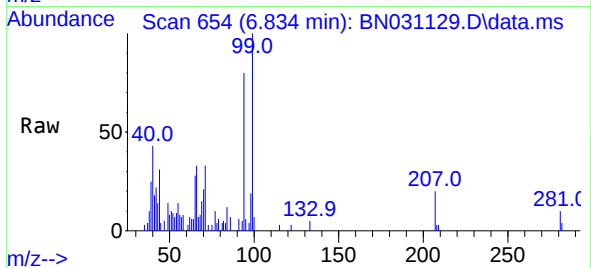
Quant Time: Apr 23 00:27:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.384 ng/ul
RT: 6.834 min Scan# 653
Delta R.T. -0.000 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

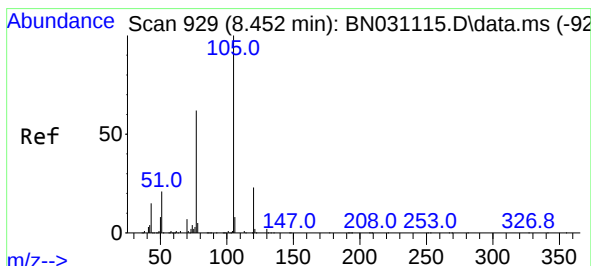
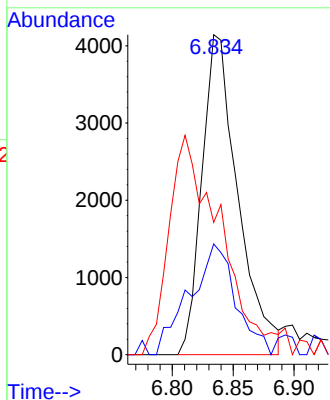
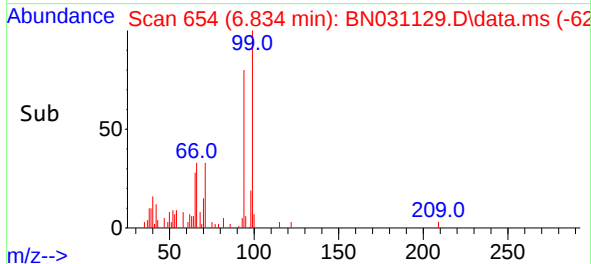
Instrument :
BNA_N
ClientSampleId :
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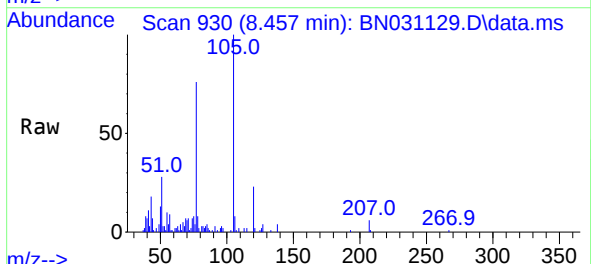
Tgt Ion: 94 Resp: 851
Ion Ratio Lower Upper
94 100
65 34.6 22.0 33.0
66 41.4 29.8 44.6

Manual Integrations
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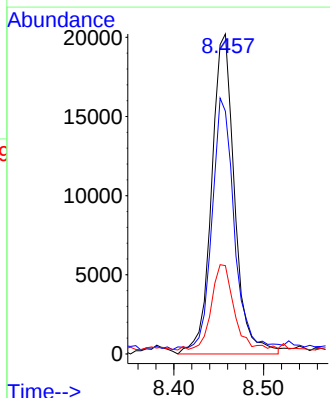
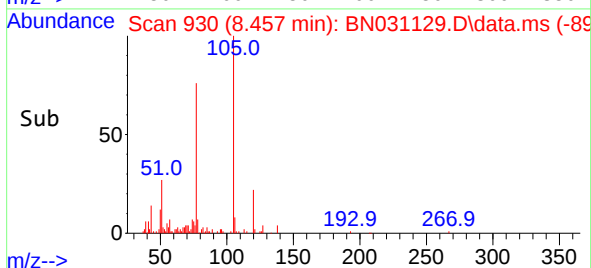
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

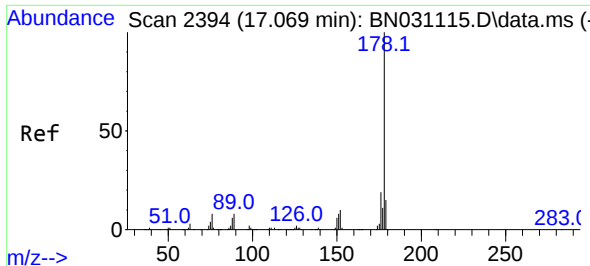


#16
Acetophenone
Concen: 4.615 ng/ul
RT: 8.457 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35



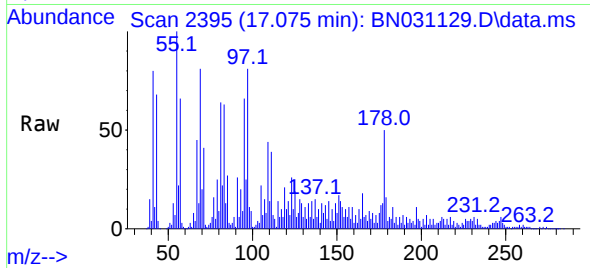
Tgt Ion:105 Resp: 35905
Ion Ratio Lower Upper
105 100
77 75.8 60.2 90.4
51 27.6 20.6 31.0





#72
Phenanthrene
Concen: 2.731 ng/u1
RT: 17.075 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

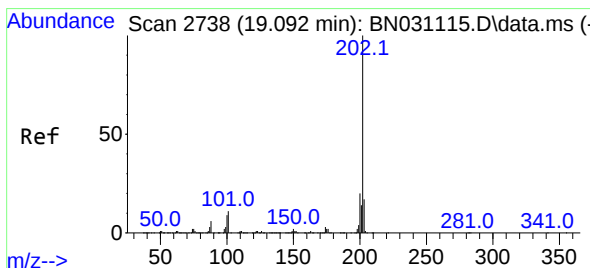
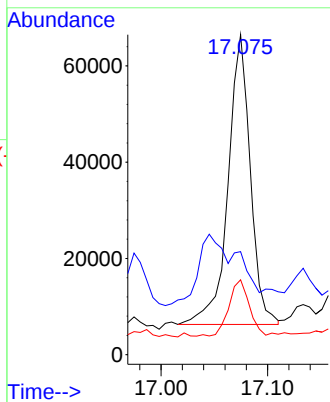
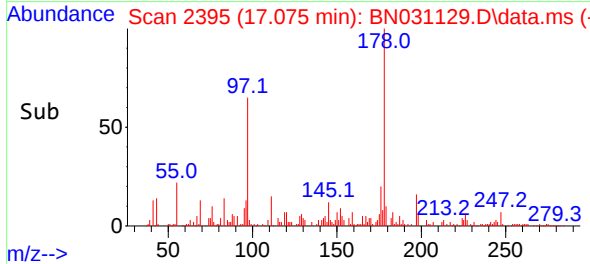
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Tgt Ion:178 Resp: 8782
Ion Ratio Lower Upper
178 100
179 32.2 12.4 18.6#
176 23.4 14.6 21.8#

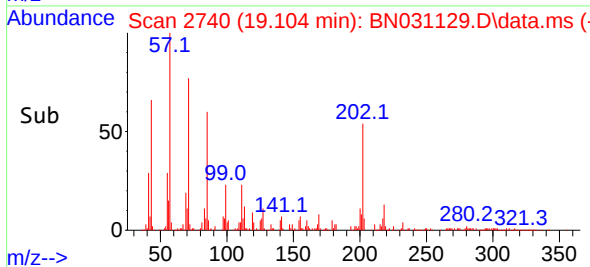
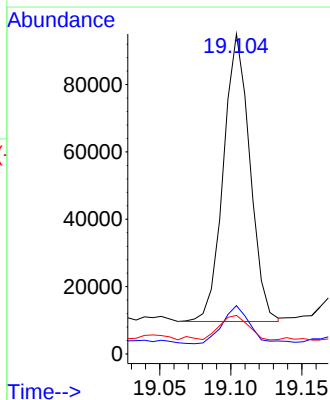
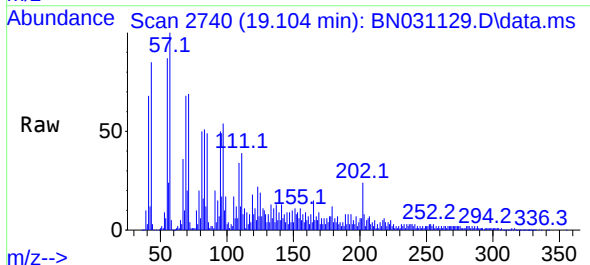
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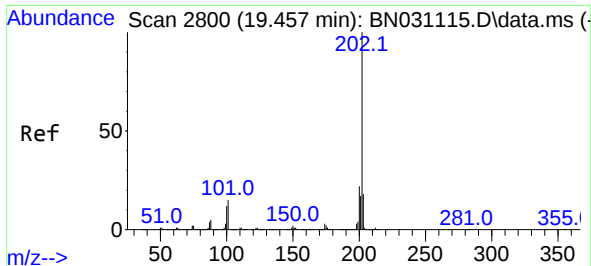
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#80
Fluoranthene
Concen: 3.202 ng/u1
RT: 19.104 min Scan# 2740
Delta R.T. 0.006 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

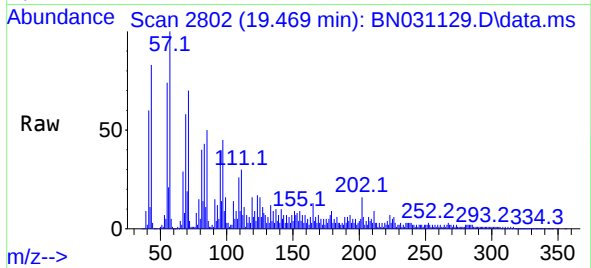
Tgt Ion:202 Resp: 110618
Ion Ratio Lower Upper
202 100
101 15.1 9.0 13.6#
100 12.1 6.9 10.3#





#82
Pyrene
Concen: 3.658 ng/u1
RT: 19.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

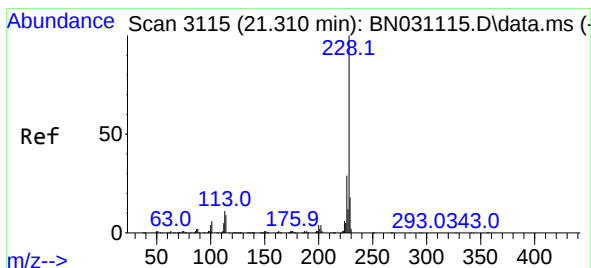
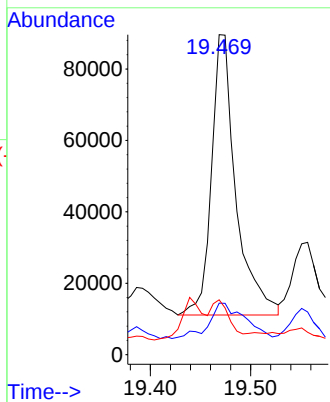
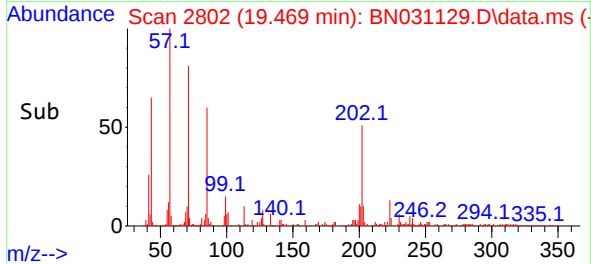
Instrument :
BNA_N
ClientSampleId :
E1CX8



Tgt Ion:202 Resp: 132772
Ion Ratio Lower Upper
202 100
101 16.1 11.1 16.7
100 17.2 9.3 13.9

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Supervised By :mohammad ahmed 04/24/2024



#87
Chrysene
Concen: 1.621 ng/u1
RT: 21.327 min Scan# 3118
Delta R.T. 0.018 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

Tgt Ion:228 Resp: 62040
Ion Ratio Lower Upper
228 100
226 47.8 22.6 34.0#
229 60.4 15.8 23.8#

