Quantitation Report (Qedit)

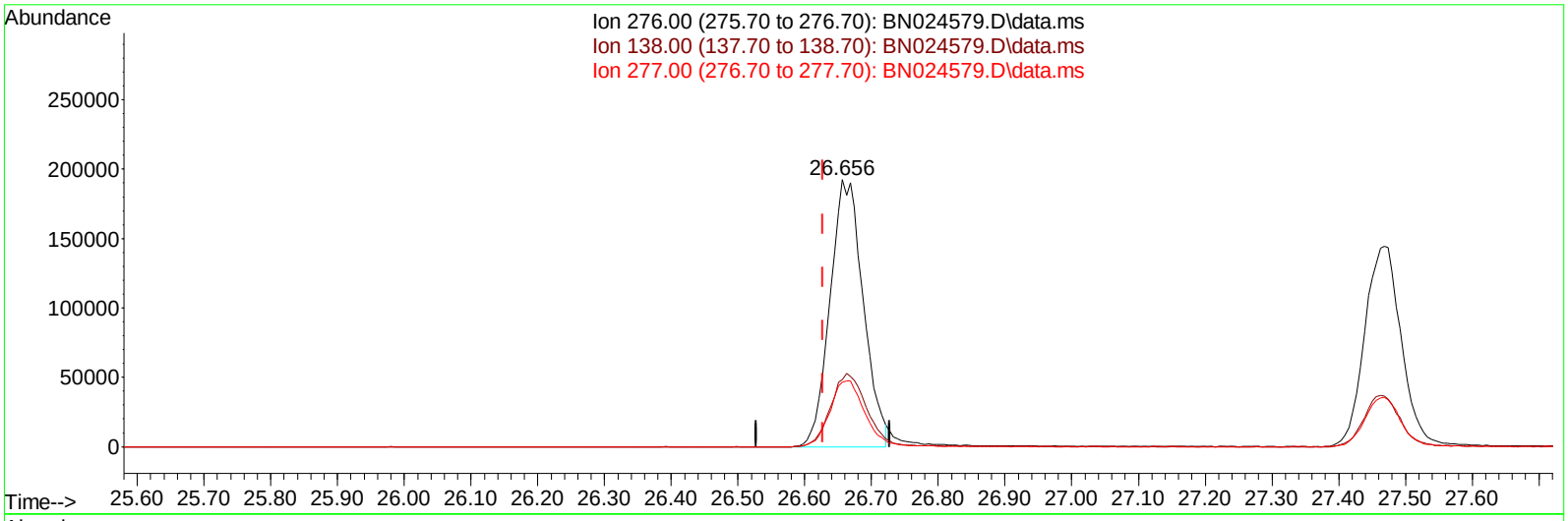
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024579.D
Acq On : 28 Mar 2023 10:55
Operator : CG/JU
Sample : SSTD00583
Misc :
ALS Vial : 2 Sample Multiplier: 1

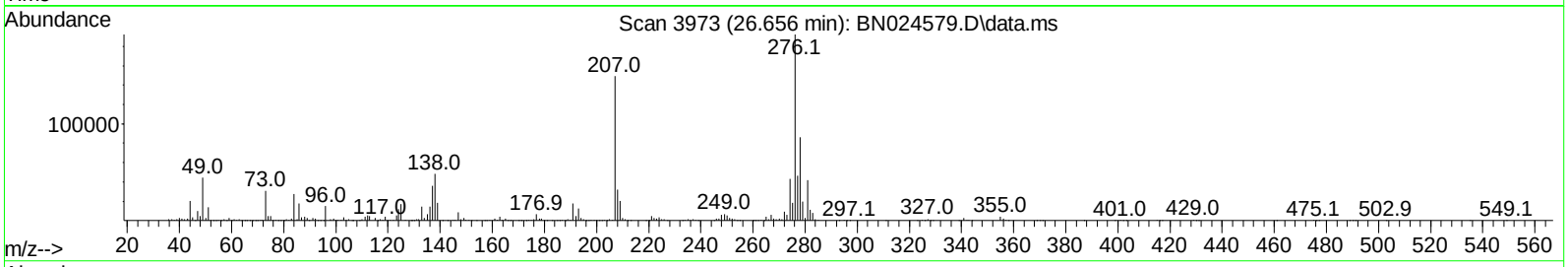
Quant Time: Mar 29 02:46:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 02:40:27 2023
Response via : Initial Calibration

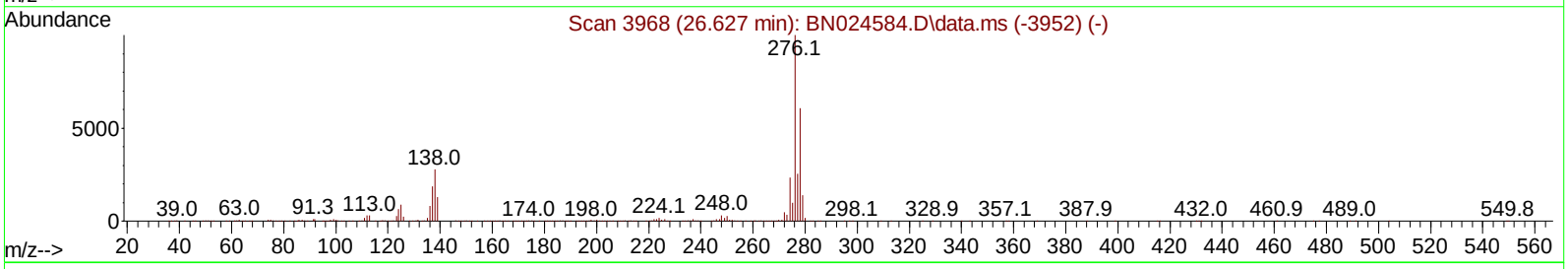
Instrument :
BNA_N
ClientSampleId :
SSTD005203

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023







TIC: BN024579.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

26.656min (+ 0.029) 4.51 ng/ul

response 665080

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.70	25.12
277.00	25.40	24.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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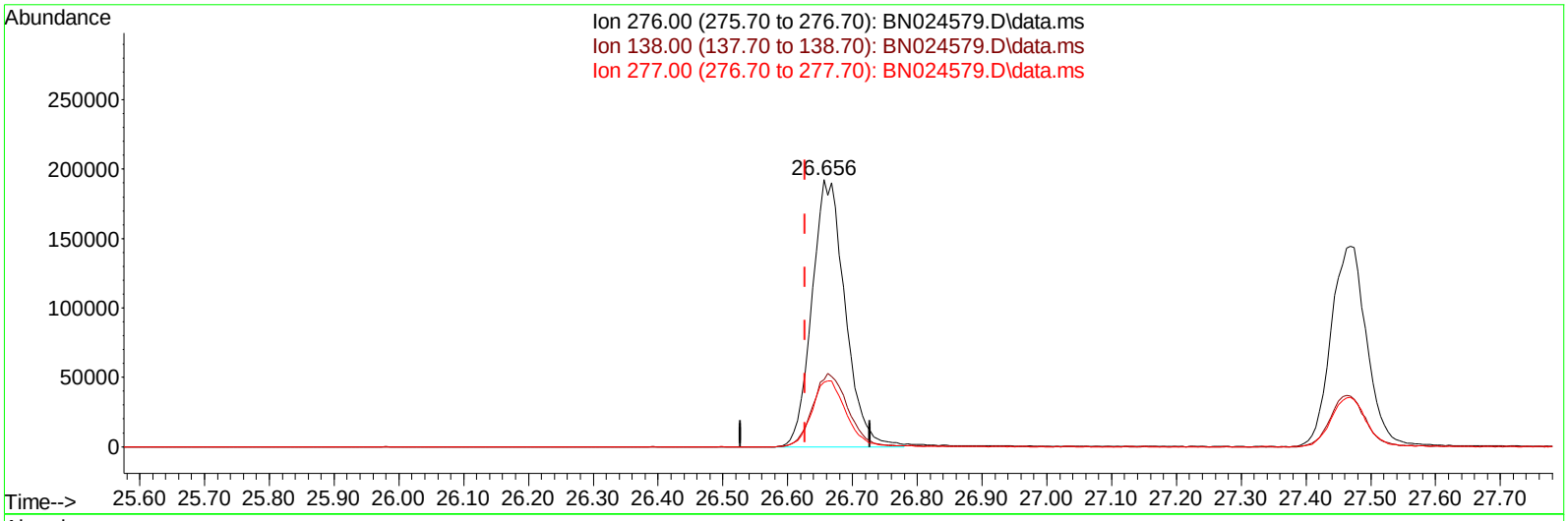

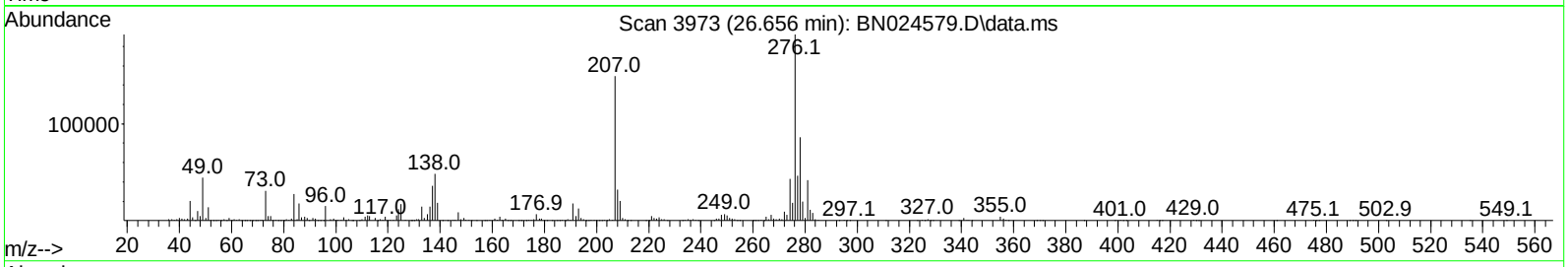

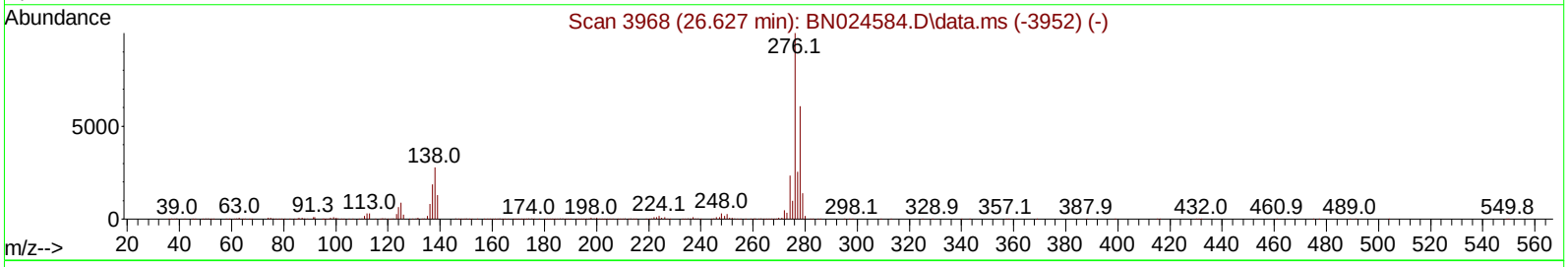

TIC: BN024579.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

26.656min (+ 0.029) 4.62 ng/ul m

response 681310

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.70	25.12
277.00	25.40	24.24
0.00	0.00	0.00

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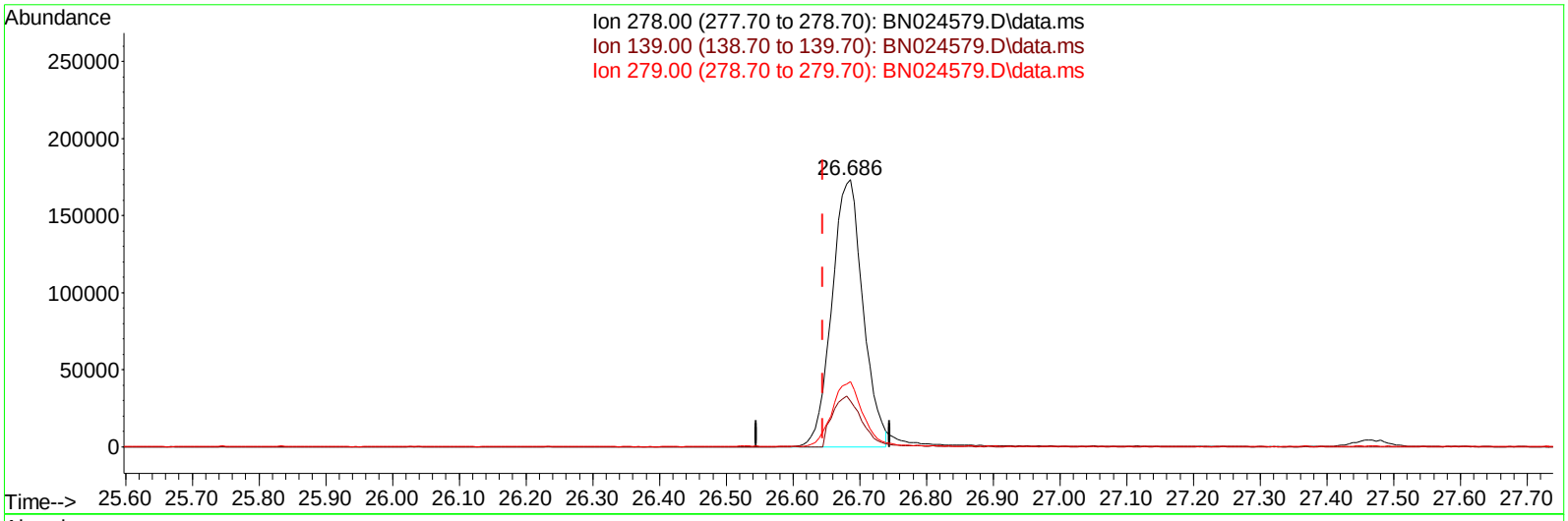

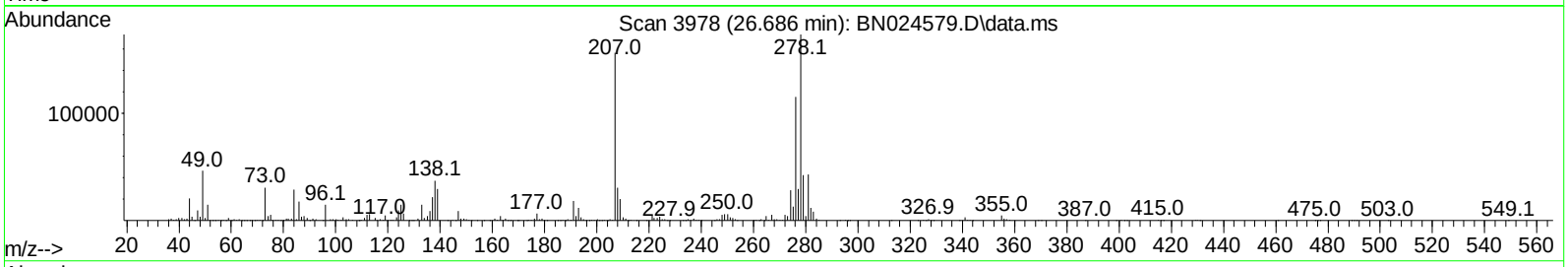

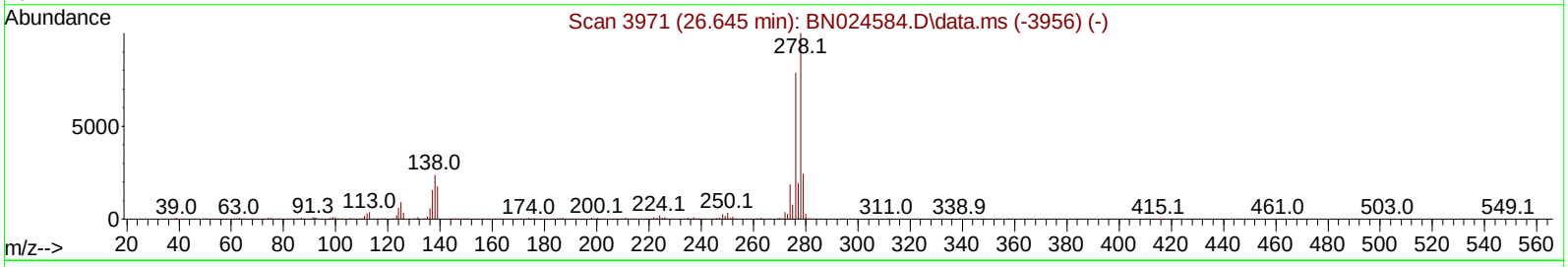

TIC: BN024579.D\data.ms

(95) Dibenzo(a,h)anthracene

26.686min (+ 0.041) 4.58 ng/ul

response 560169

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.80	17.10
279.00	24.50	24.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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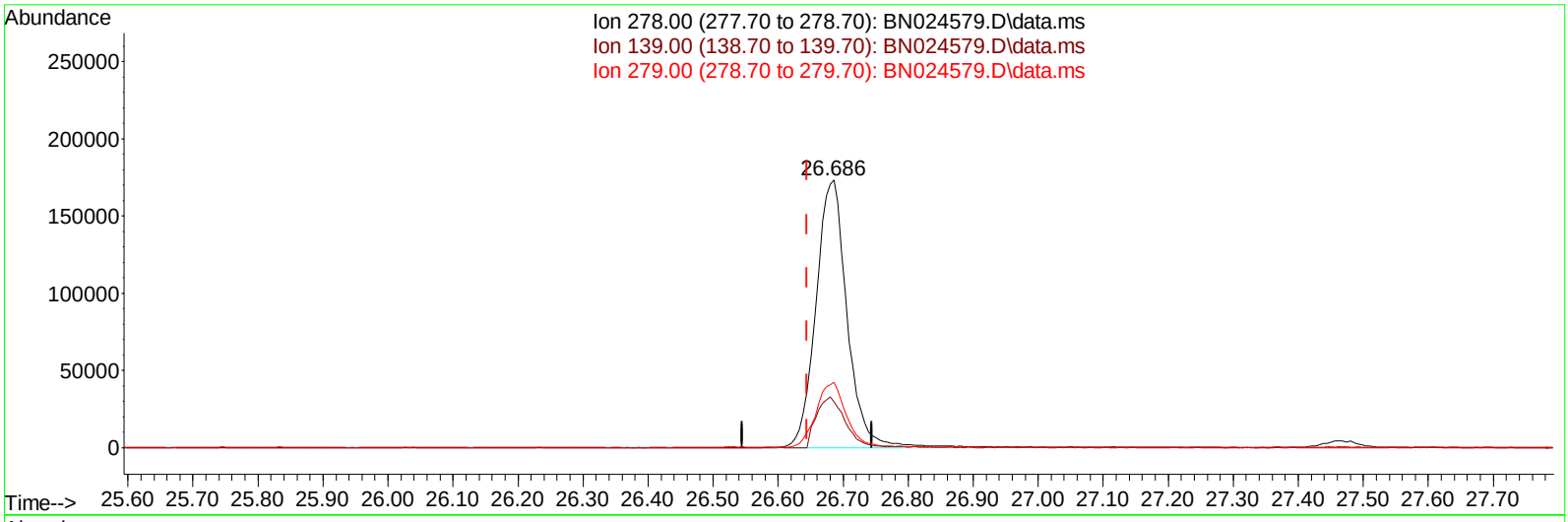

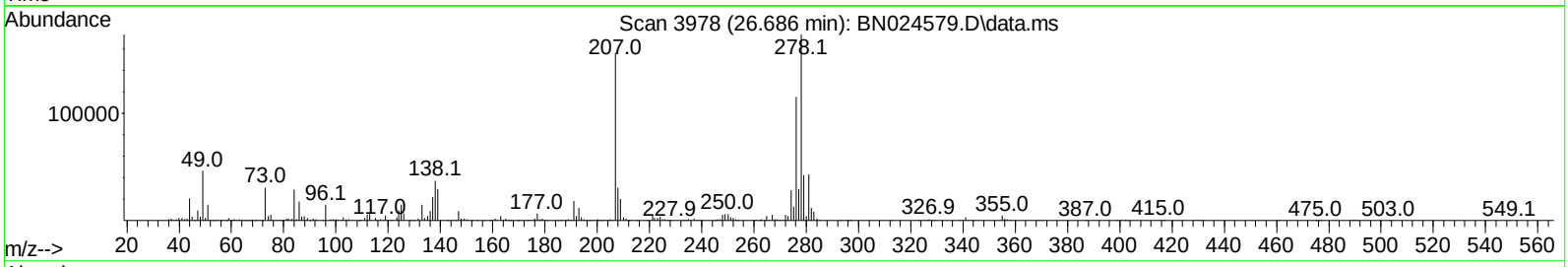

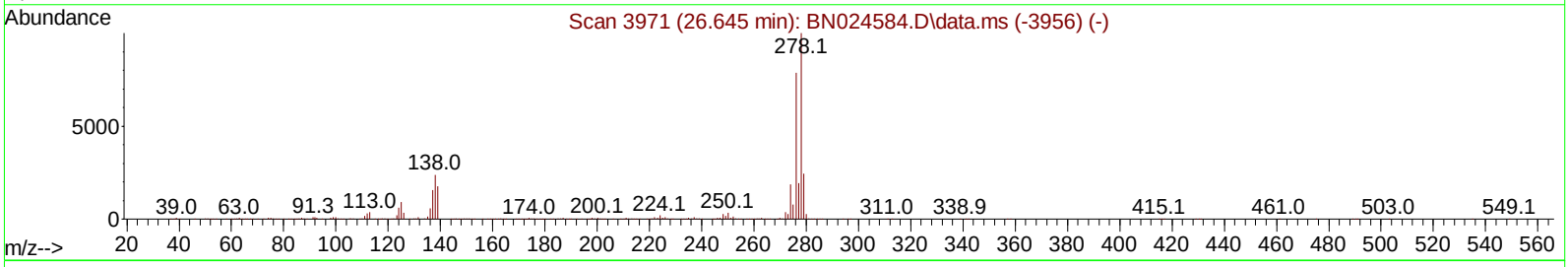

TIC: BN024579.D\data.ms

(95) Dibenzo(a,h)anthracene

26.686min (+ 0.041) 4.68 ng/ul m

response 572822

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.80	17.10
279.00	24.50	24.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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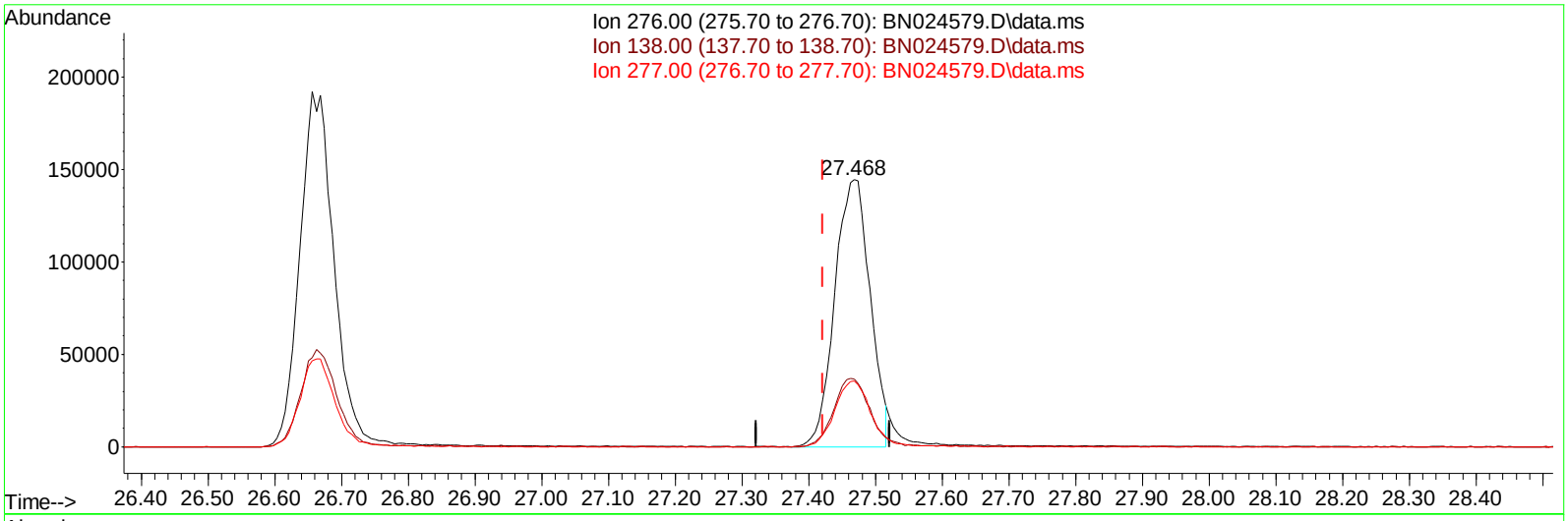

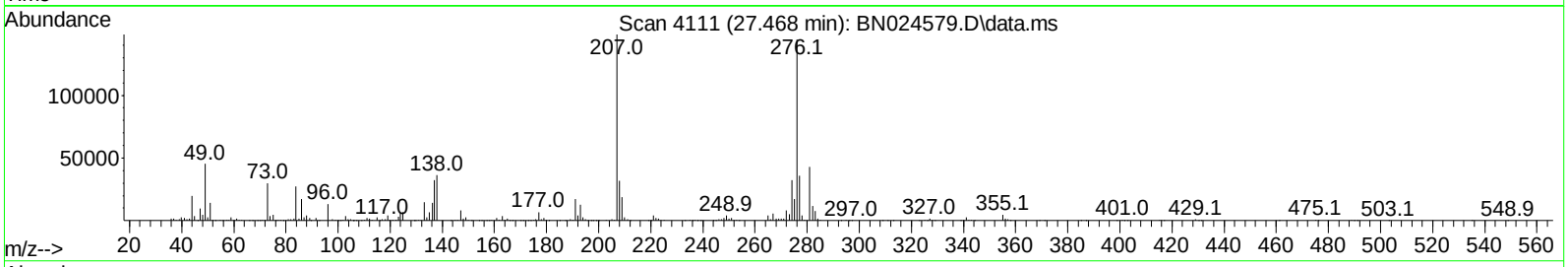

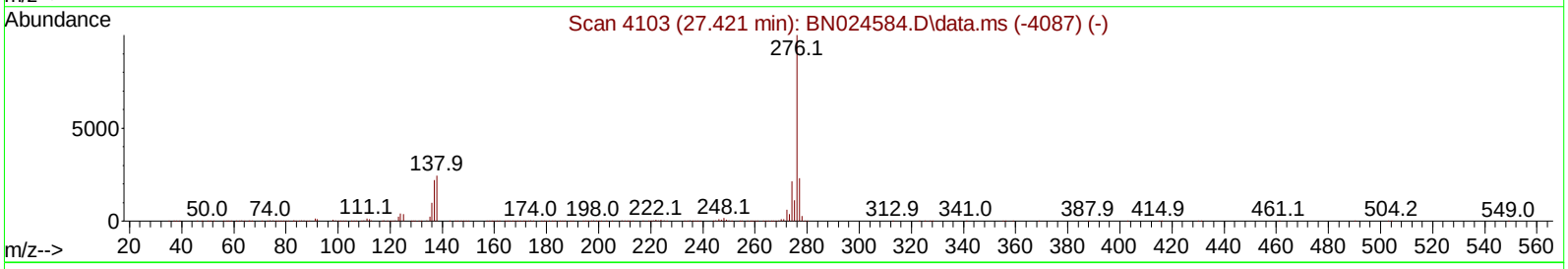

TIC: BN024579.D\data.ms

(96) Benzo(g,h,i)perylene

27.468min (+ 0.047) 4.35 ng/ul

response 531399

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.30
277.00	23.00	24.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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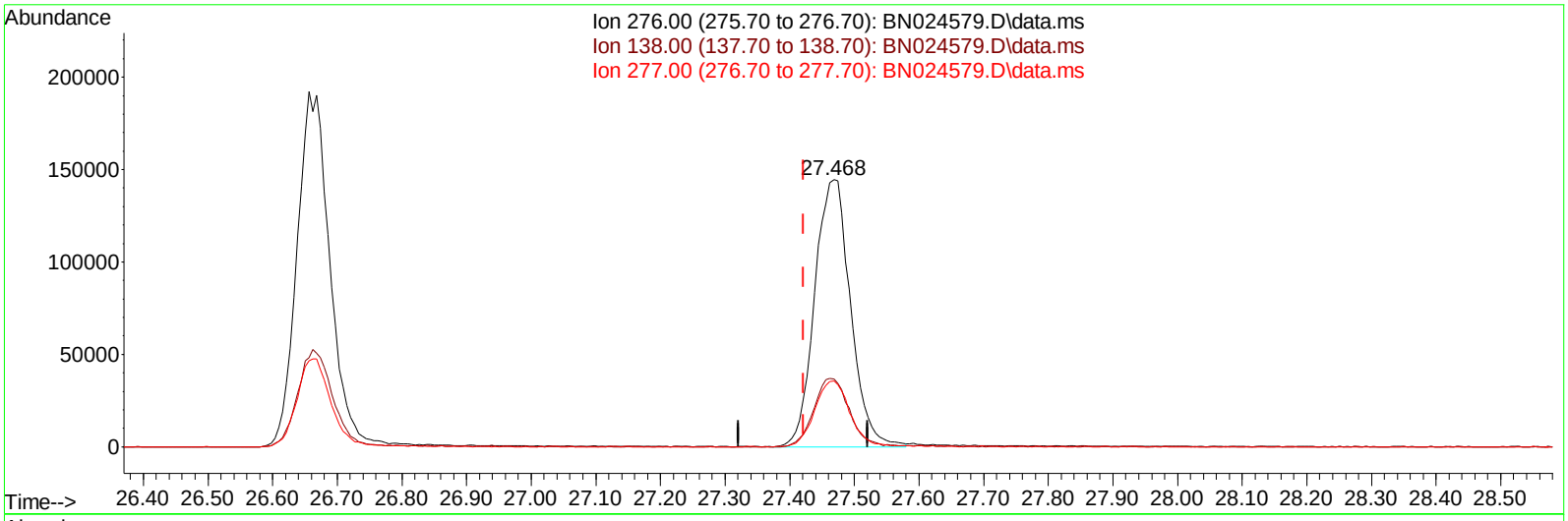

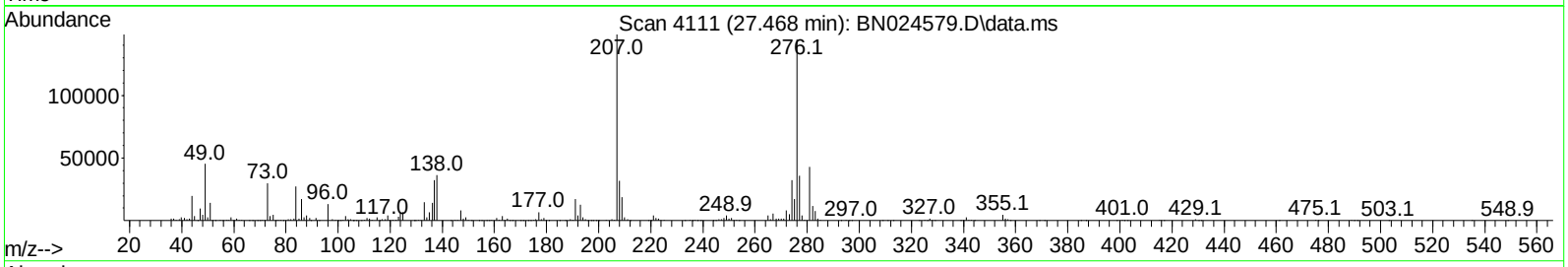

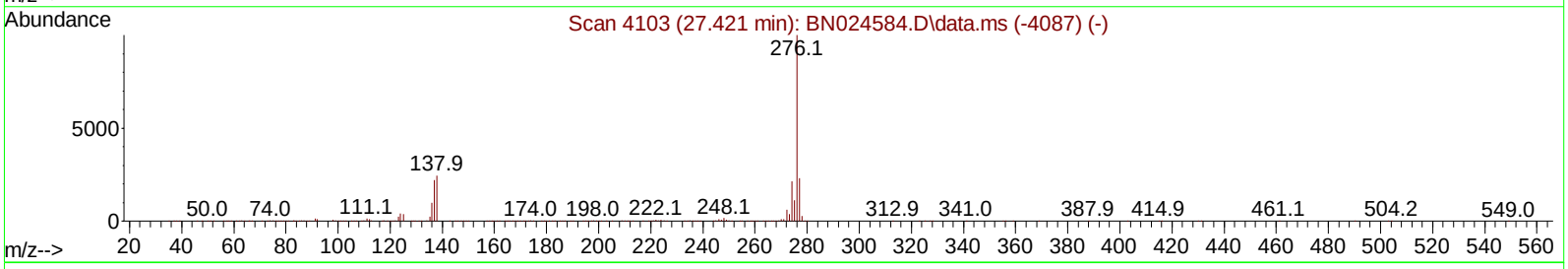

TIC: BN024579.D\data.ms

(96) Benzo(g,h,i)perylene

27.468min (+ 0.047) 4.51 ng/ul m

response 551775

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.30
277.00	23.00	24.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	327246	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1385492	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	895619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1955673	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1798748	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	2013326	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	16133	1.911	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.528	132	100542	4.379	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.163	128	45747	4.172	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	47218	3.978	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	95828	4.445	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.045	166	329086	4.778	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	349780	4.460	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.633	176	286856	4.854	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.486	188	430258	4.678	ng/ul	0.00
81) Pyrene-d10	19.774	212	490195	4.713	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	455376	4.464	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	17539	1.929	ng/uL	90
12) 2-Chlorophenol	7.557	128	108023	4.510	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.810	70	89110	4.379	ng/ul	99
19) Hexachloroethane	9.087	117	42743	4.518	ng/ul	89
22) Nitrobenzene	9.210	77	131624	4.621	ng/ul	95
23) Isophorone	9.740	82	232501	4.392	ng/ul	97
25) 2-Nitrophenol	9.928	139	53786	4.168	ng/ul	98
26) 2,4-Dimethylphenol	9.981	107	125118	4.668	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.222	93	166057	4.888	ng/ul	98
29) 2,4-Dichlorophenol	10.457	162	99812	4.565	ng/ul	98
30) Naphthalene	10.869	128	380856	4.947	ng/ul	99
33) Hexachlorobutadiene	11.151	225	60018	4.766	ng/ul	96
35) 4-Chloro-3-methylphenol	12.092	107	110975	4.439	ng/ul	98
36) 2-Methylnaphthalene	12.469	142	250661	4.863	ng/ul	98
37) 1-Methylnaphthalene	12.692	142	249436	4.884	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.839	216	129598	4.882	ng/ul	97
41) 2,4,6-Trichlorophenol	13.075	196	77364	4.374	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	84400	4.342	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	345187	4.851	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	265958	4.788	ng/ul	98
45) 2-Nitroaniline	13.722	65	65827	3.814	ng/ul	91
47) Dimethylphthalate	14.092	163	336936	4.818	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	49365	3.726	ng/ul	87

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50)	Acenaphthylene	14.363	152	401703	4.678	ng/ul	99
52)	Acenaphthene	14.704	153	289473	4.838	ng/ul	93
56)	Dibenzofuran	15.039	168	411898	4.947	ng/ul	97
57)	2,4-Dinitrotoluene	14.998	165	72645	3.743	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.263	232	69332	4.280	ng/ul	100
59)	Diethylphthalate	15.451	149	317573	4.640	ng/ul	99
61)	Fluorene	15.686	166	332656	4.983	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.681	204	159484	5.035	ng/ul	98
67)	N-Nitrosodiphenylamine	15.892	169	271179	4.637	ng/ul	100
68)	4-Bromophenyl-phenylether	16.575	248	88851	4.552	ng/ul	95
69)	Hexachlorobenzene	16.692	284	109928	4.785	ng/ul	94
72)	Phenanthrene	17.427	178	535593	4.887	ng/ul	100
74)	Anthracene	17.522	178	526329	4.781	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.445	216	129699	4.639	ng/uL	99
76)	Pentachlorobenzene	14.957	250	128342	4.725	ng/uL	98
78)	Di-n-butylphthalate	18.351	149	477447	4.256	ng/ul	99
80)	Fluoranthene	19.445	202	589629	4.781	ng/ul	97
82)	Pyrene	19.804	202	640254	4.924	ng/ul	98
83)	Butylbenzylphthalate	20.704	149	191988	3.878	ng/ul	99
85)	Benzo(a)anthracene	21.563	228	624181	4.912	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.480	149	267738	3.879	ng/ul	99
87)	Chrysene	21.616	228	597638	4.971	ng/ul	99
90)	Benzo(b)fluoranthene	23.304	252	604382	4.584	ng/ul	99
91)	Benzo(k)fluoranthene	23.351	252	580084	4.609	ng/ul	100
93)	Benzo(a)pyrene	23.957	252	540925	4.686	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.656	276	681310m	4.620	ng/ul	
95)	Dibenzo(a,h)anthracene	26.686	278	572822m	4.680	ng/ul	
96)	Benzo(g,h,i)perylene	27.468	276	551775m	4.514	ng/ul	

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

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