Quantitation Report (QT Reviewed)

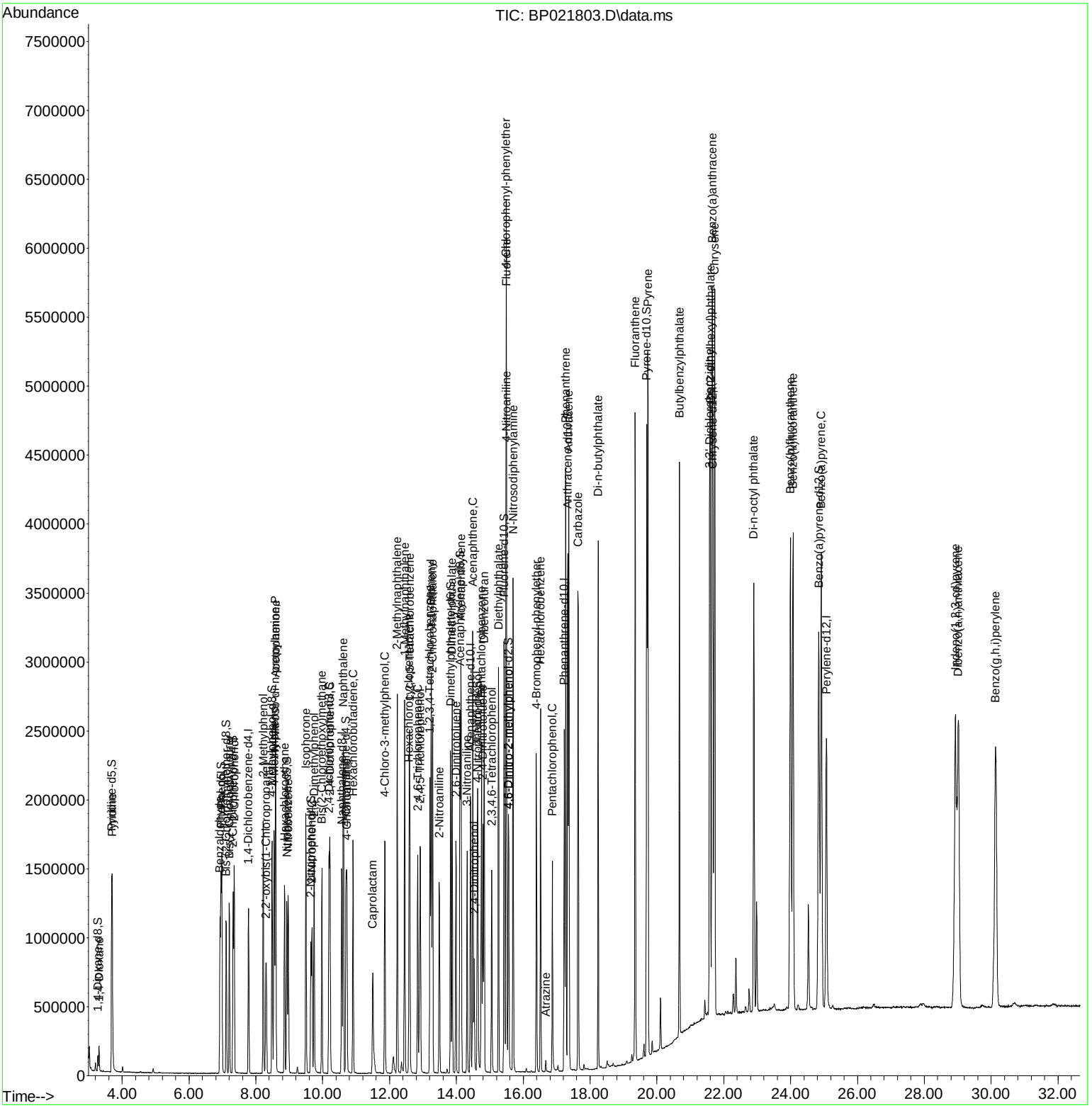
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021803.D
Acq On : 04 Sep 2024 01:39
Operator : RC/JU
Sample : PB163070BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 04 05:40:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS070

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024



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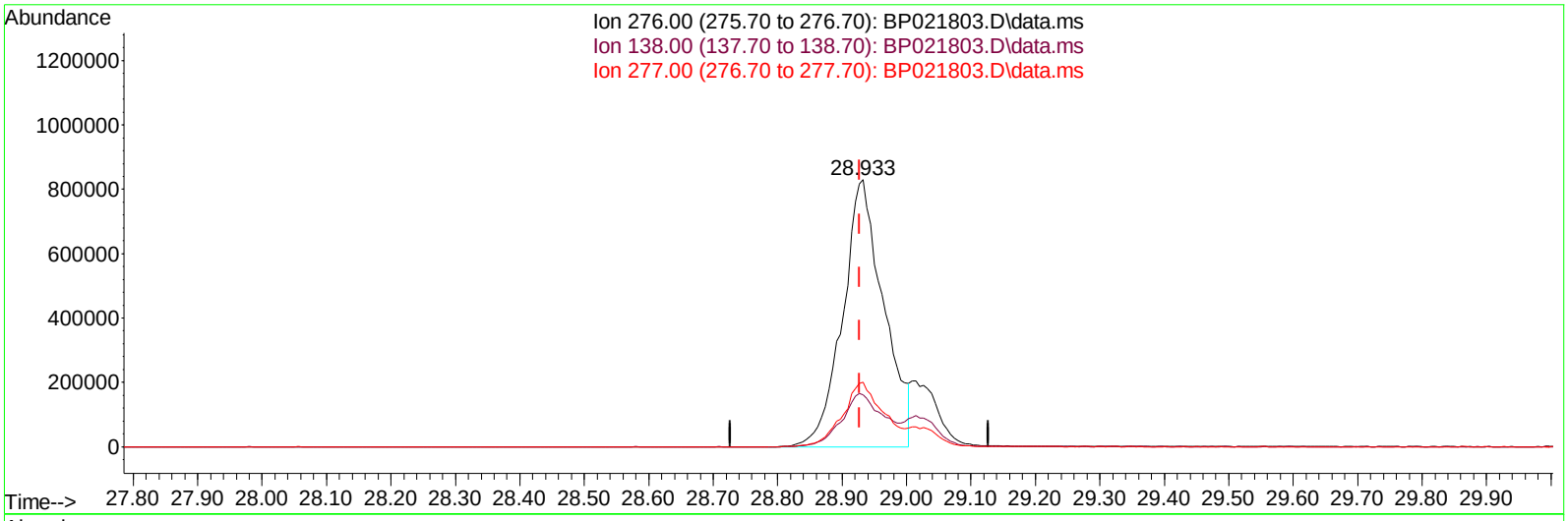

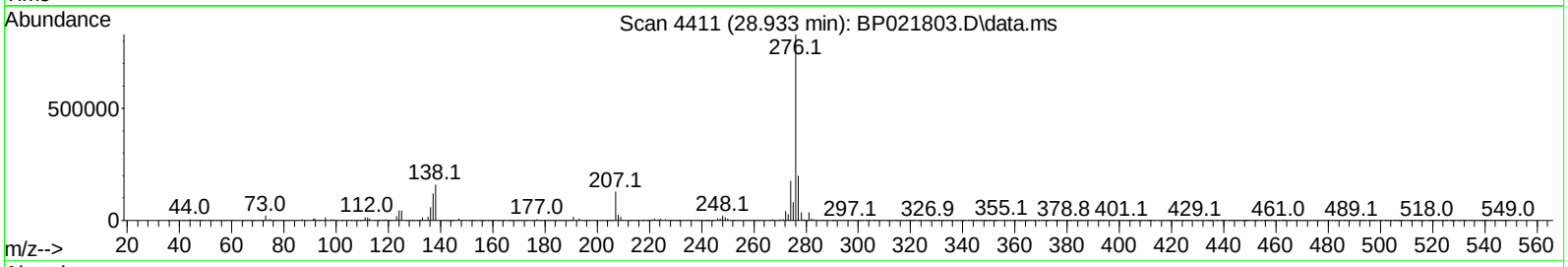

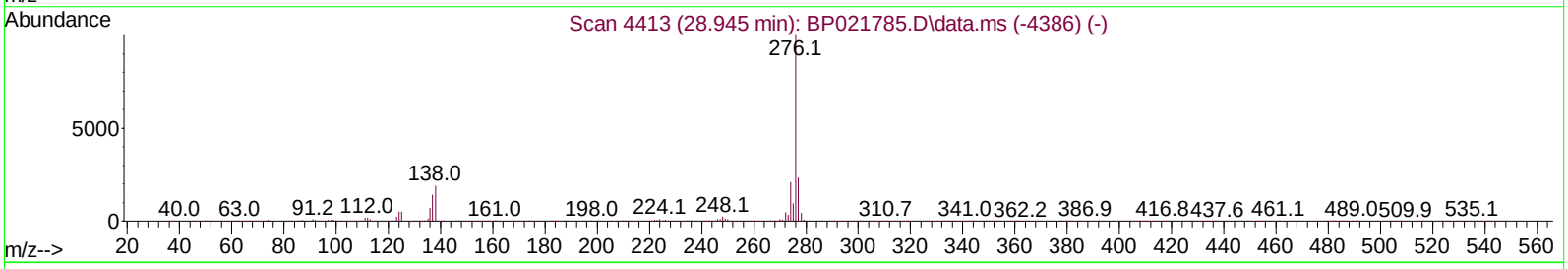

TIC: BP021803.D\data.ms

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

28.933min (+ 0.005) 24.97 ng/ul

response 3683066

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.37
277.00	23.80	24.21
0.00	0.00	0.00

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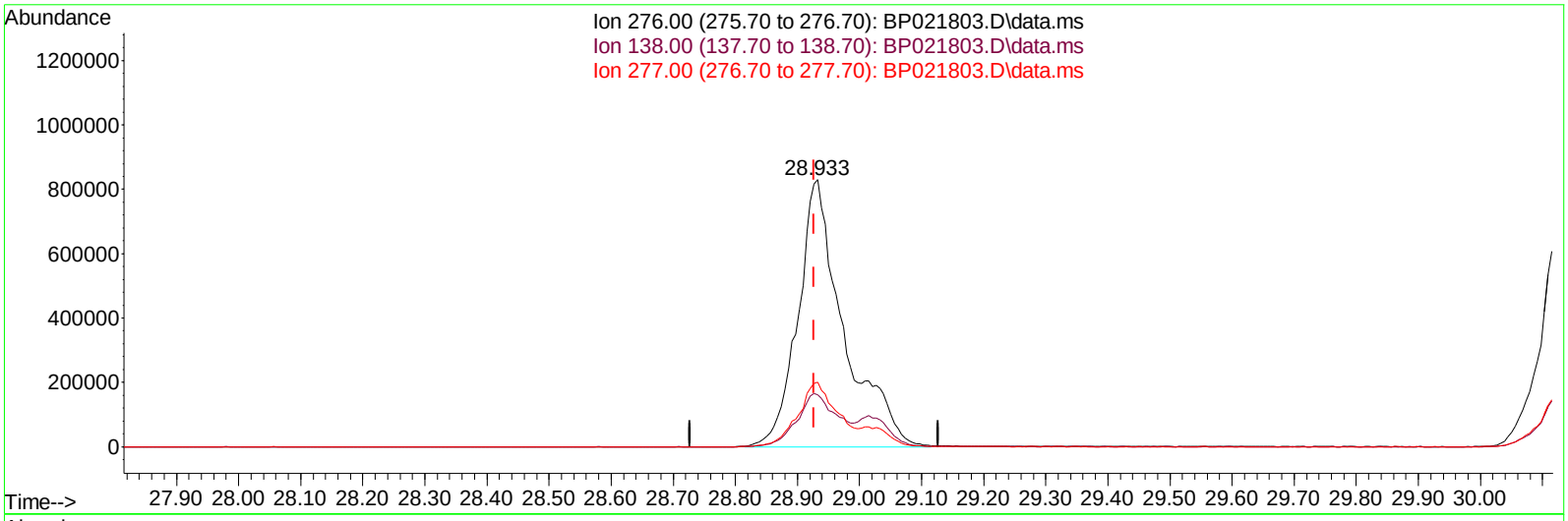

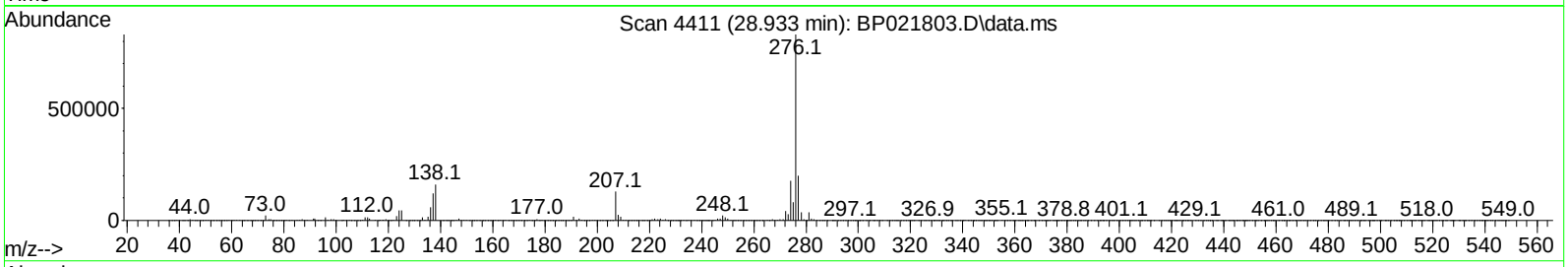

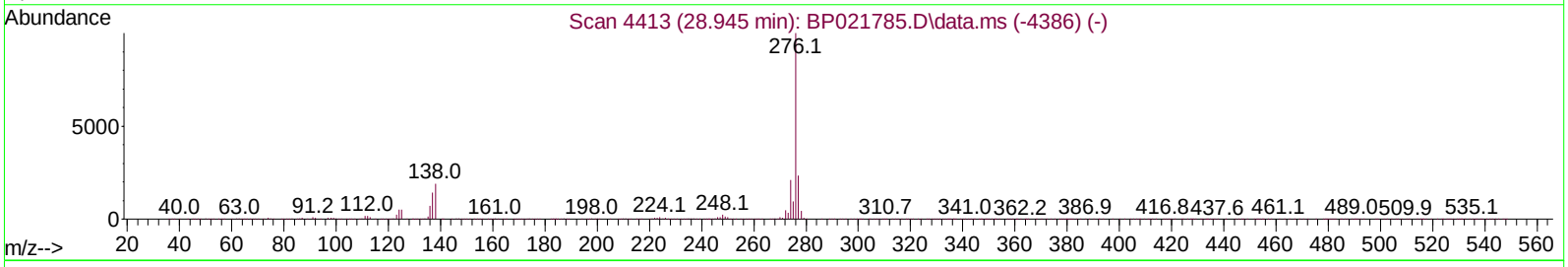

TIC: BP021803.D\data.ms

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

28.933min (+ 0.005) 28.84 ng/ul m

response 4254437

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.37
277.00	23.80	24.21
0.00	0.00	0.00

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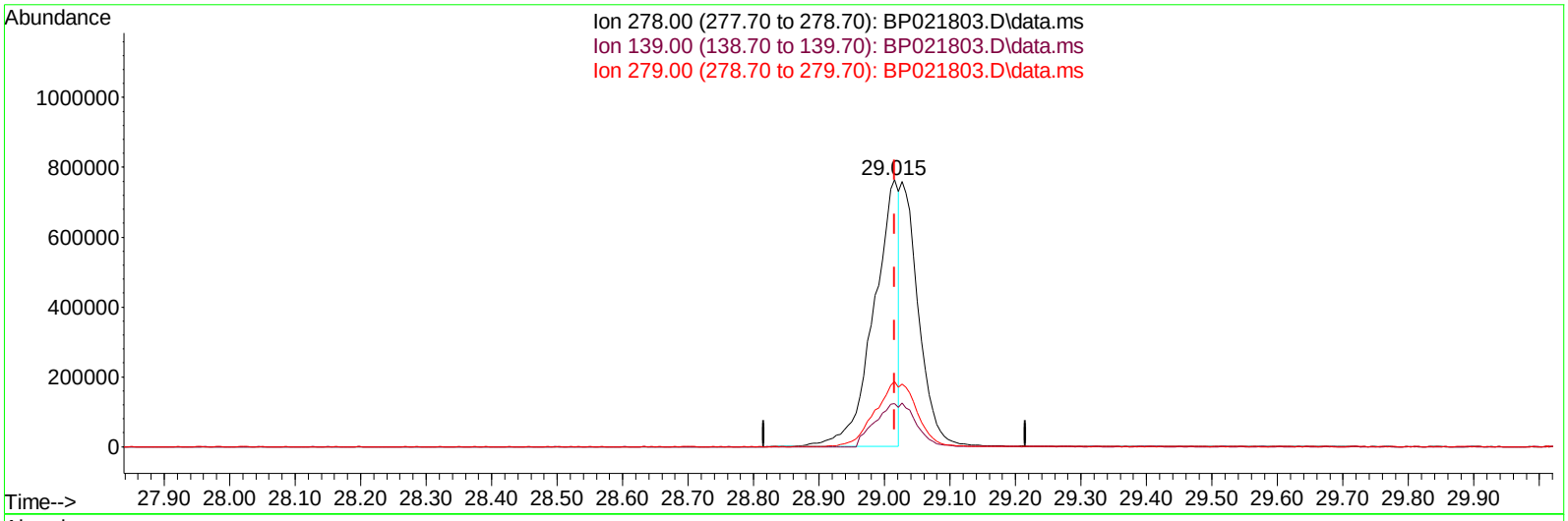

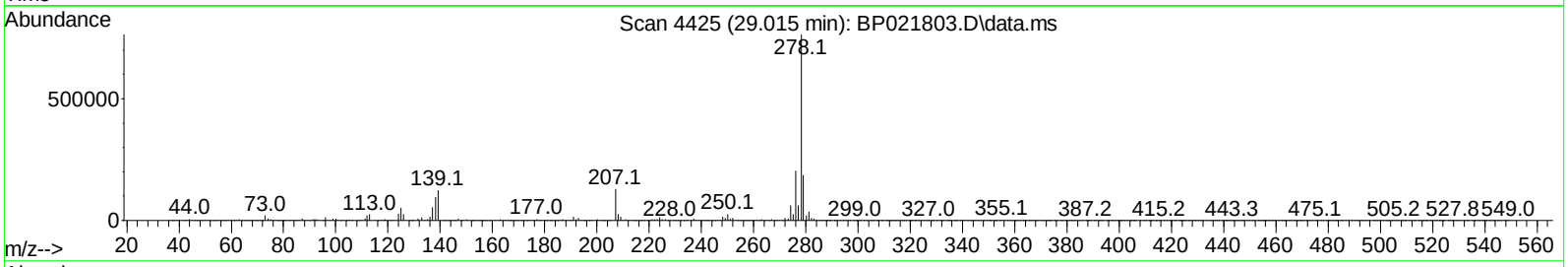

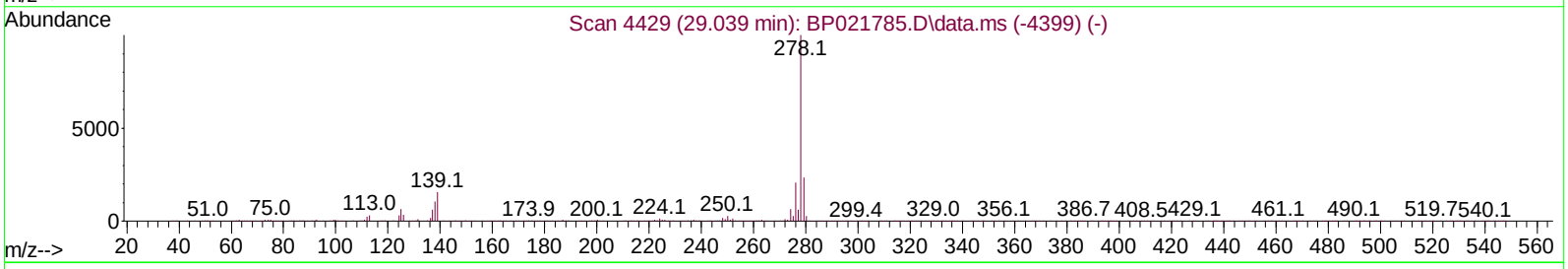

TIC: BP021803.D\data.ms

(95) Dibenzo(a,h)anthracene

29.015min (-0.000) 17.10 ng/ul

response 2026874

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.29
279.00	23.60	24.35
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_P
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Manual IntegrationsAPPROVED

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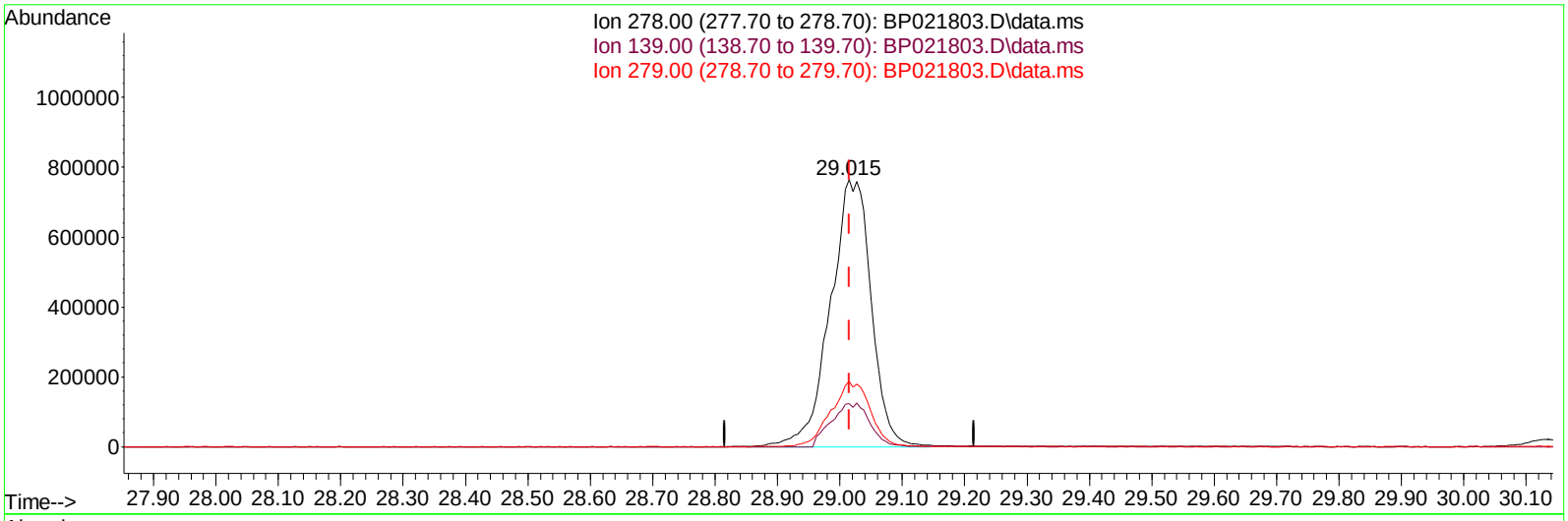

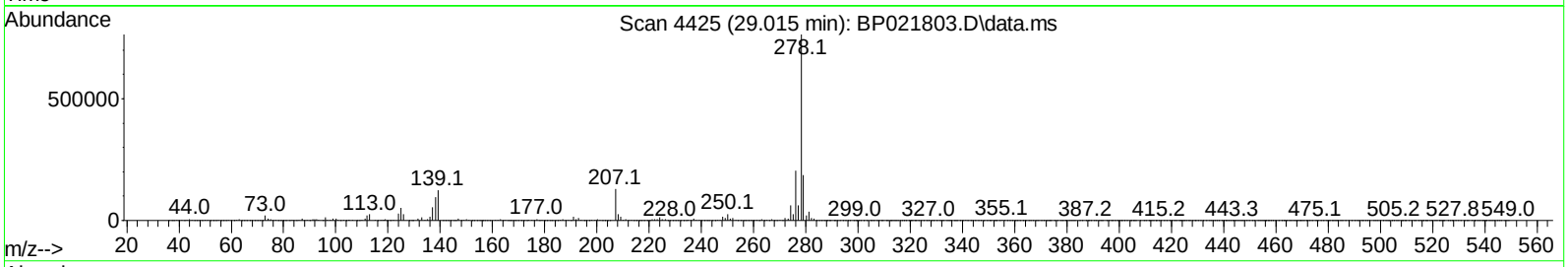

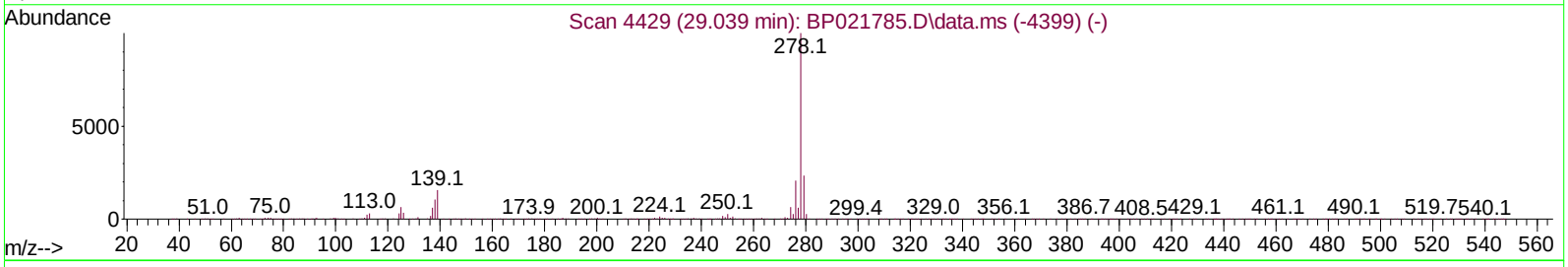

TIC: BP021803.D\data.ms

(95) Dibenzo(a,h)anthracene

29.015min (-0.000) 29.41 ng/ul m

response 3485563

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.29
279.00	23.60	24.35
0.00	0.00	0.00

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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	7.781	152	312163	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1222048	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	750134	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	1628733	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	1695193	20.000	ng/ul	0.00
88) Perylene-d12	25.074	264	1984546	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	57727	6.139	ng/uL	0.00
4) Pyridine-d5	3.687	84	707614	26.019	ng/ul	0.00
7) Phenol-d5	6.957	99	886885	26.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	479059	26.424	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	580809	27.004	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	658737	25.589	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	283597	28.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	288425	28.901	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	542625	27.591	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	676775	23.654	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	1574950	27.439	ng/ul	-0.02
49) Acenaphthylene-d8	14.110	160	1828854	28.379	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	324967	29.759	ng/ul	0.00
60) Fluorene-d10	15.427	176	1364087	28.268	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.551	200	250655	27.981	ng/ul	0.00
73) Anthracene-d10	17.333	188	2109522	27.291	ng/ul	0.00
81) Pyrene-d10	19.698	212	2749166	28.370	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.845	264	3037391	28.703	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	100257	10.033	ng/uL	96
5) Pyridine	3.704	79	705709	25.967	ng/ul	99
6) Benzaldehyde	6.928	77	377416	22.149	ng/ul	99
8) Phenol	6.981	94	909901	26.194	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.204	93	714289	26.454	ng/ul	99
12) 2-Chlorophenol	7.351	128	618549	27.400	ng/ul	100
13) 2-Methylphenol	8.222	108	642910	25.655	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.304	45	678572	26.037	ng/ul	98
16) Acetophenone	8.592	105	1045717	25.338	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	477475	24.516	ng/ul	98
18) 4-Methylphenol	8.545	108	705693	25.723	ng/ul	100
19) Hexachloroethane	8.857	117	279027	27.643	ng/ul	94
22) Nitrobenzene	8.969	77	778781	28.407	ng/ul	99
23) Isophorone	9.498	82	1397888	25.410	ng/ul	100
25) 2-Nitrophenol	9.681	139	315625	28.544	ng/ul	99
26) 2,4-Dimethylphenol	9.739	107	581589	21.430	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.975	93	907913	26.315	ng/ul	99
29) 2,4-Dichlorophenol	10.216	162	539444	27.297	ng/ul	99
30) Naphthalene	10.616	128	1874785	27.220	ng/ul	100
32) 4-Chloroaniline	10.722	127	626430	21.686	ng/ul	100
33) Hexachlorobutadiene	10.910	225	360513	27.188	ng/ul	99
34) Caprolactam	11.498	113	206615	24.724	ng/ul	95
35) 4-Chloro-3-methylphenol	11.863	107	711916	27.218	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.233	142	1230448	26.412	ng/ul	99
37) 1-Methylnaphthalene	12.451	142	1227095	26.188	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	662173	28.008	ng/ul	97
40) Hexachlorocyclopentadiene	12.586	237	308075	22.709	ng/ul	98
41) 2,4,6-Trichlorophenol	12.845	196	369893	24.300	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	429218	26.113	ng/ul	100
43) 1,1'-Biphenyl	13.251	154	1590618	28.027	ng/ul	99
44) 2-Chloronaphthalene	13.286	162	1243599	27.947	ng/ul	99
45) 2-Nitroaniline	13.486	65	425084	30.493	ng/ul	96
47) Dimethylphthalate	13.875	163	1577631	27.450	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	315794	29.793	ng/ul	99
50) Acenaphthylene	14.139	152	2047703	29.545	ng/ul	99
51) 3-Nitroaniline	14.322	138	344997	29.785	ng/ul	98
52) Acenaphthene	14.492	153	1342512	27.544	ng/ul	99
53) 2,4-Dinitrophenol	14.533	184	160073	25.225	ng/ul	91
55) 4-Nitrophenol	14.639	109	306150	30.619	ng/ul	96
56) Dibenzofuran	14.833	168	1862185	27.617	ng/ul	98
57) 2,4-Dinitrotoluene	14.792	165	482638	30.301	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	301612	21.298	ng/ul	97
59) Diethylphthalate	15.263	149	1581382	27.400	ng/ul	99
61) Fluorene	15.492	166	1534412	28.134	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	737565	26.914	ng/ul	96
63) 4-Nitroaniline	15.504	138	378784	33.836	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.569	198	274103	27.354	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	1311581	27.374	ng/ul	98
68) 4-Bromophenyl-phenylether	16.398	248	470619	26.174	ng/ul	97
69) Hexachlorobenzene	16.521	284	561363	26.299	ng/ul	98
70) Atrazine	16.674	200	13751	0.757	ng/ul	95
71) Pentachlorophenol	16.874	266	247706	18.132	ng/ul	98
72) Phenanthrene	17.274	178	2540536	28.412	ng/ul	99
74) Anthracene	17.363	178	2507327	27.678	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	653854	27.002	ng/uL	98
76) Pentachlorobenzene	14.751	250	635322	25.313	ng/uL	100
77) Carbazole	17.639	167	2448909	30.057	ng/ul	100
78) Di-n-butylphthalate	18.245	149	2680693	27.030	ng/ul	99
80) Fluoranthene	19.351	202	3192691	28.233	ng/ul	100
82) Pyrene	19.727	202	3392401	28.325	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1365515	27.847	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.574	252	1117688	26.163	ng/ul	99
85) Benzo(a)anthracene	21.657	228	3457093	28.669	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	1889392	26.106	ng/ul	99
87) Chrysene	21.733	228	3208923	28.276	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	3240621	25.797	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	3616178	29.122	ng/ul	98
91) Benzo(k)fluoranthene	24.074	252	3571707	29.381	ng/ul	99
93) Benzo(a)pyrene	24.921	252	3246382	28.377	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.933	276	4254437m	28.842	ng/ul	
95) Dibenzo(a,h)anthracene	29.015	278	3485563m	29.406	ng/ul	
96) Benzo(g,h,i)perylene	30.127	276	3434723	30.137	ng/ul	99

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