Quantitation Report (Qedit)

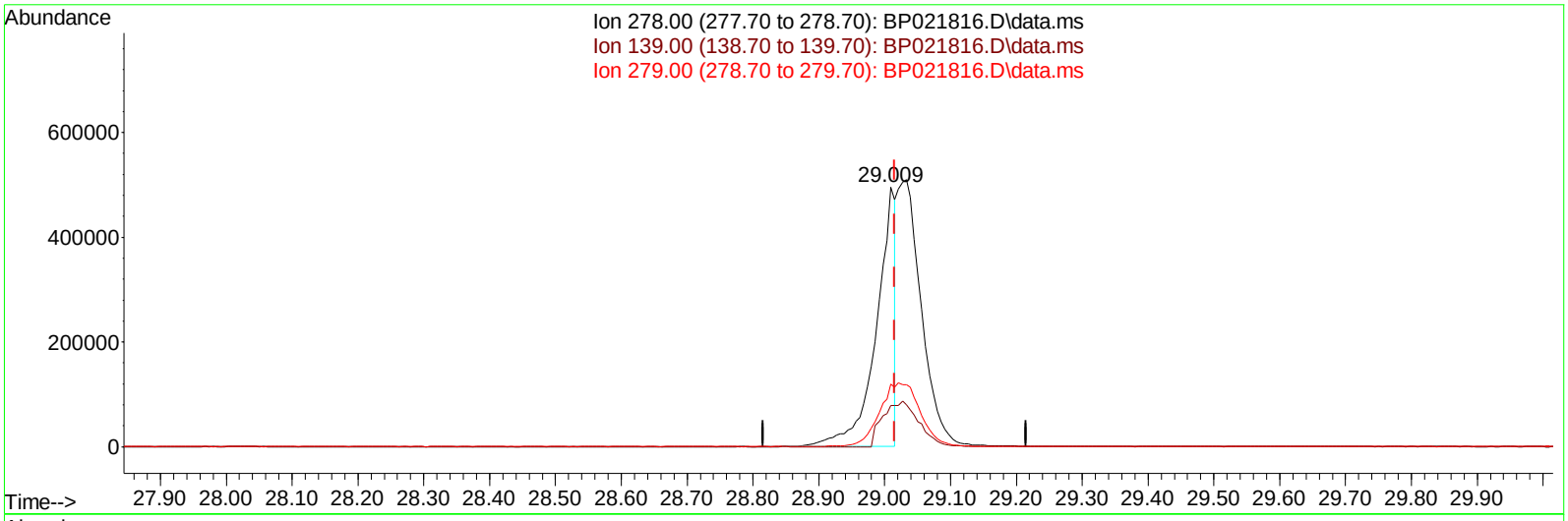
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090424\
Data File : BP021816.D
Acq On : 04 Sep 2024 12:38
Operator : RC/JU
Sample : P3808-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

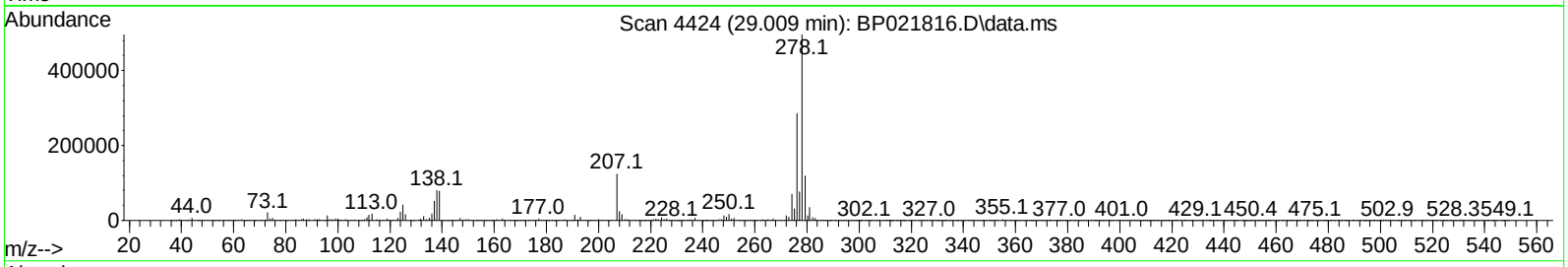
Quant Time: Sep 04 13:08:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

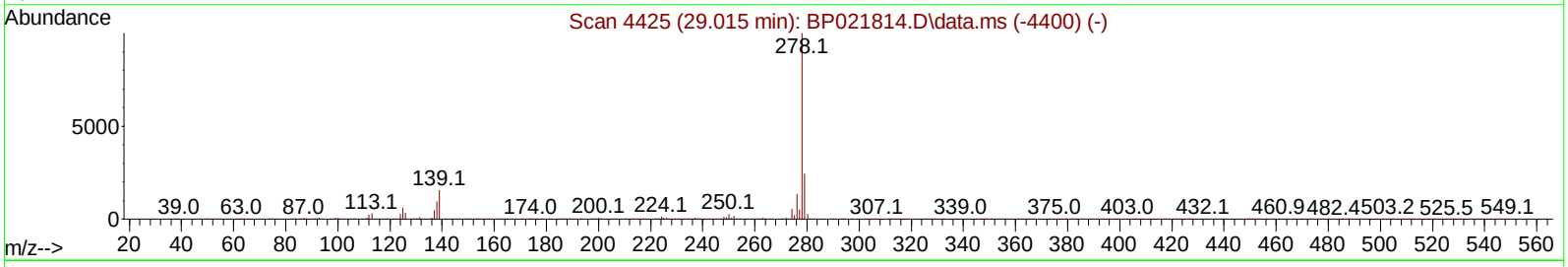
Instrument :
BNA_P
ClientSampleId :
X0B24

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024







TIC: BP021816.D\data.ms

(95) Dibenzo(a,h)anthracene

29.009min (-0.006) 10.20 ng/ul

response 1010282

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.96
279.00	23.60	24.12
0.00	0.00	0.00

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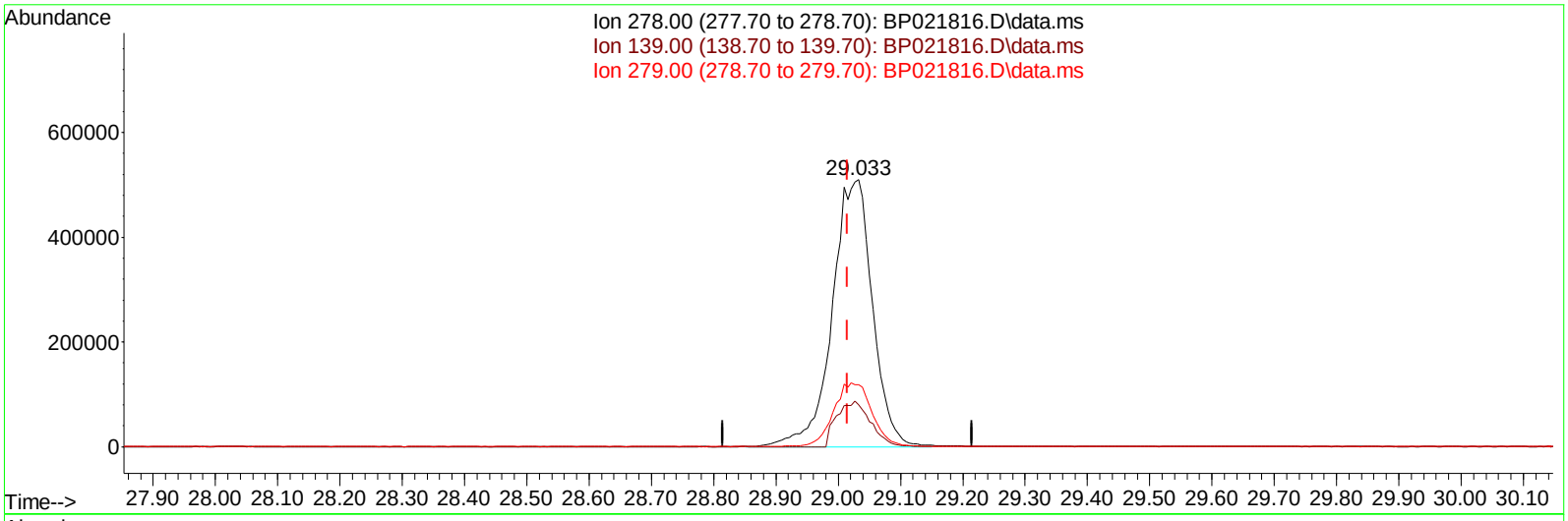

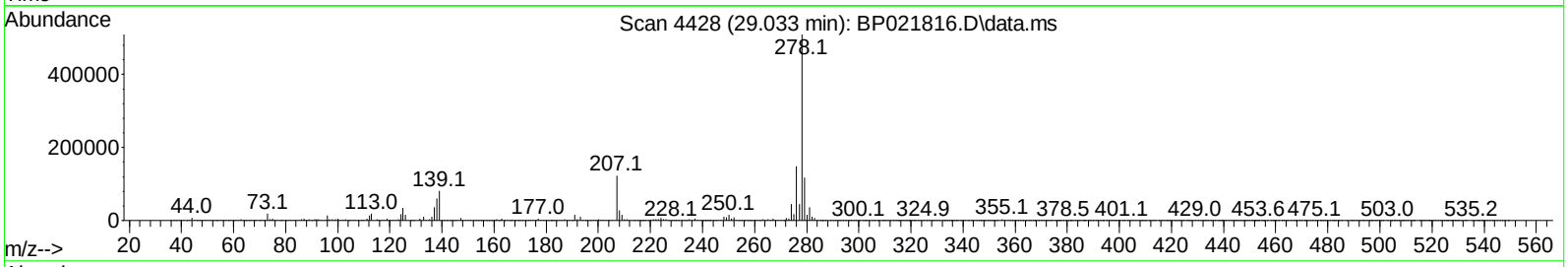

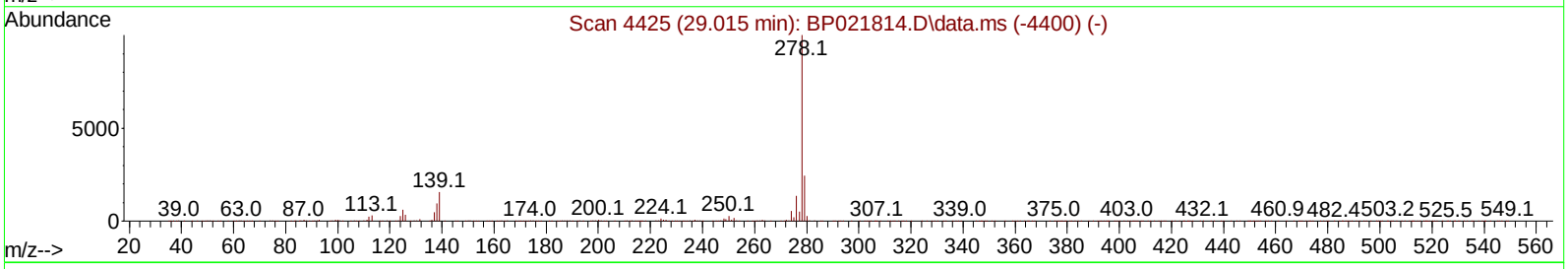

TIC: BP021816.D\data.ms

(95) Dibenzo(a,h)anthracene

29.033min (+ 0.017) 23.12 ng/ul m

response 2291040

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.82
279.00	23.60	23.19
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	233611	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.557	136	960661	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.410	164	613761	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.222	188	1356876	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	1459177	20.000	ng/ul	0.00
88) Perylene-d12	25.080	264	1658866	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	35596	5.059	ng/uL	0.00
4) Pyridine-d5	3.681	84	514325	25.270	ng/ul	0.00
7) Phenol-d5	6.952	99	749853	30.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	387542	28.564	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.310	132	496572	30.851	ng/ul	-0.01
15) 4-Methylphenol-d8	8.475	113	576973	29.949	ng/ul	-0.01
21) Nitrobenzene-d5	8.922	128	242056	31.318	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.640	143	254922	32.494	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.187	165	467277	30.225	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	671452	29.853	ng/ul	-0.01
46) Dimethylphthalate-d6	13.810	166	1502819	32.000	ng/ul	-0.03
49) Acenaphthylene-d8	14.098	160	1688869	32.030	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.616	143	275618	30.847	ng/ul	-0.01
60) Fluorene-d10	15.422	176	1305878	33.075	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.539	200	198068	26.540	ng/ul	-0.02
73) Anthracene-d10	17.328	188	2090240	32.459	ng/ul	-0.01
81) Pyrene-d10	19.698	212	2651651	31.790	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.845	264	2989240	33.793	ng/ul	0.00
Target Compounds						Qvalue
10) Bis(2-Chloroethyl)ether	7.199	93	1312578	64.958	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	354009	24.289	ng/ul	98
19) Hexachloroethane	8.852	117	404623	53.565	ng/ul	96
22) Nitrobenzene	8.963	77	1272320	59.036	ng/ul	99
23) Isophorone	9.493	82	5163456	119.396	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	3398286	125.297	ng/ul	98
30) Naphthalene	10.610	128	5344468	98.710	ng/ul	100
33) Hexachlorobutadiene	10.898	225	1271542	121.987	ng/ul	98
36) 2-Methylnaphthalene	12.216	142	1967704	53.731	ng/ul	100
40) Hexachlorocyclopentadiene	12.569	237	860228	77.498	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	2931068	80.504	ng/ul	98
47) Dimethylphthalate	13.857	163	1974699	41.992	ng/ul	99
48) 2,6-Dinitrotoluene	13.981	165	151089	17.421	ng/ul	99
50) Acenaphthylene	14.128	152	2031238	35.819	ng/ul	99
59) Diethylphthalate	15.245	149	2237686	47.387	ng/ul	99
61) Fluorene	15.475	166	1530722	34.302	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	3084345	137.555	ng/ul	95
68) 4-Bromophenyl-phenylether	16.398	248	1092916	72.962	ng/ul	97
69) Hexachlorobenzene	16.510	284	1175966	66.129	ng/ul	95
72) Phenanthrene	17.269	178	2589271	34.759	ng/ul	99
74) Anthracene	17.363	178	3095520	41.018	ng/ul	100
78) Di-n-butylphthalate	18.233	149	4426479	53.576	ng/ul	99
87) Chrysene	21.727	228	3319536	33.982	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Di-n-octyl phthalate	22.904	149	2614416	24.898	ng/ul	100
90) Benzo(b)fluoranthene	24.004	252	2893805	27.879	ng/ul	99
91) Benzo(k)fluoranthene	24.080	252	5340488	52.556	ng/ul	99
93) Benzo(a)pyrene	24.915	252	3314882	34.665	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.956	276	5461779	44.297	ng/ul	100
95) Dibenzo(a,h)anthracene	29.033	278	2291040m	23.123	ng/ul	

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

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