Quantitation Report (Qedit)

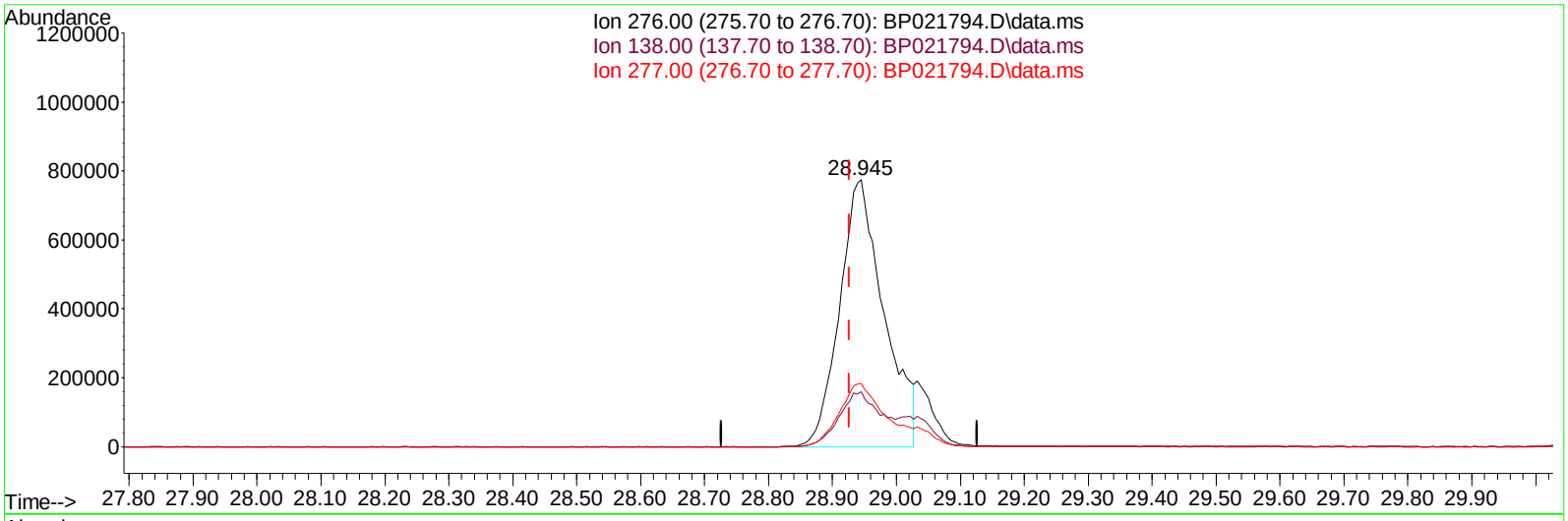
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021794.D
Acq On : 03 Sep 2024 19:13
Operator : RC/JU
Sample : P3722-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

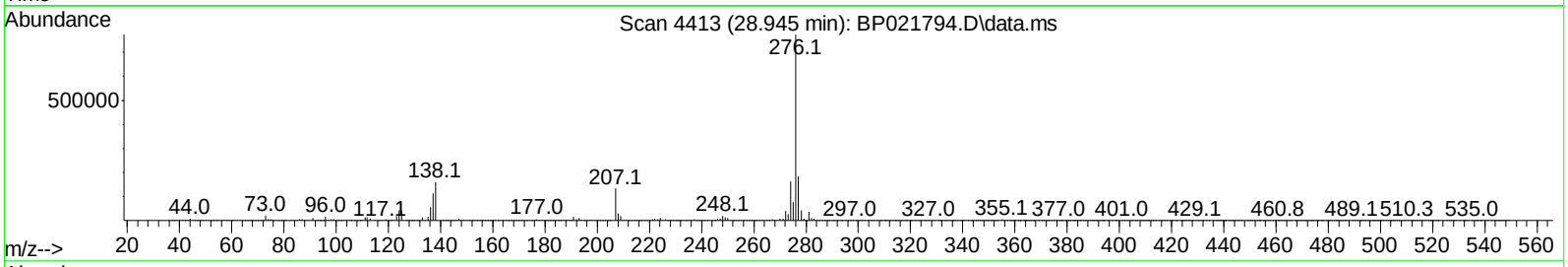
Quant Time: Sep 04 04:01:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

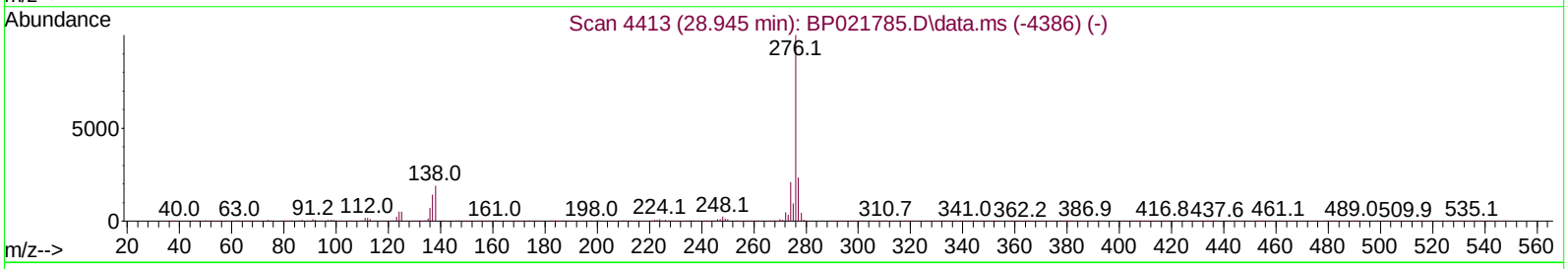
Instrument :
BNA_P
ClientSampleId :
DCYD5MS

Manual IntegrationsAPPROVED

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







TIC: BP021794.D\data.ms

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

28.945min (+ 0.018) 35.16 ng/ul

response 3710216

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.69
277.00	23.80	23.82
0.00	0.00	0.00

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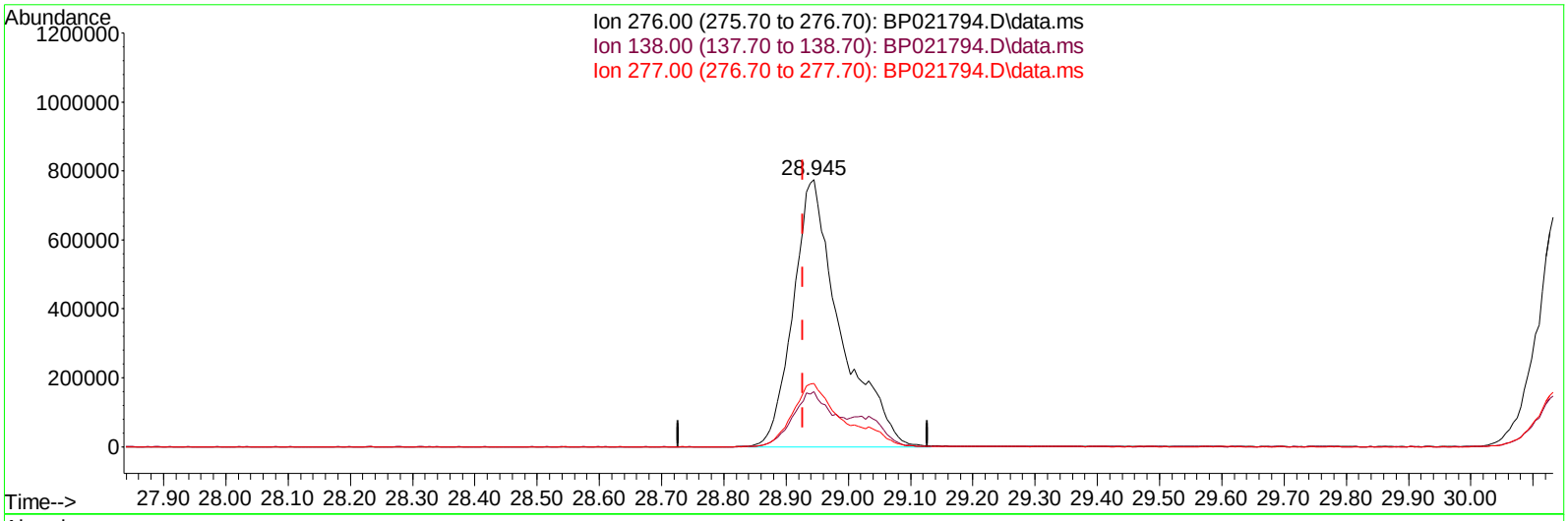

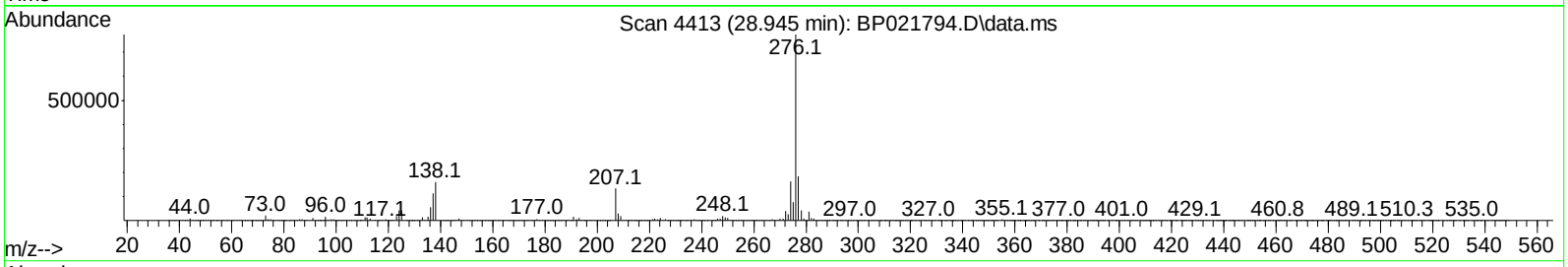

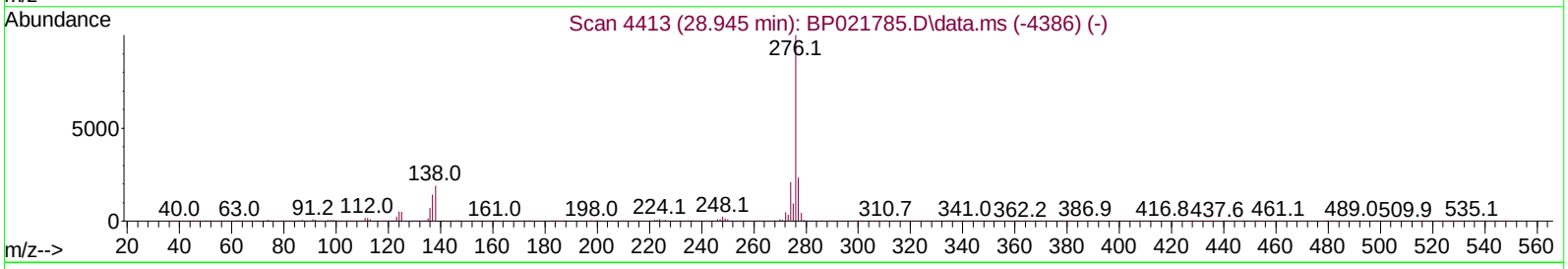

TIC: BP021794.D\data.ms

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

28.945min (+ 0.018) 38.67 ng/ul m

response 4080579

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.69
277.00	23.80	23.82
0.00	0.00	0.00

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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	217530	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	876792	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	545423	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.228	188	1198643	20.000	ng/ul	0.00
79) Chrysene-d12	21.680	240	1227059	20.000	ng/ul	0.01
88) Perylene-d12	25.080	264	1419838	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	32413	4.947	ng/uL	0.00
4) Pyridine-d5	3.687	84	479250	25.288	ng/ul	0.00
7) Phenol-d5	6.952	99	650512	28.021	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	354522	28.062	ng/ul	0.00
11) 2-Chlorophenol-d4	7.317	132	431695	28.803	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	511090	28.491	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	212652	30.146	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	213243	29.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	430308	30.496	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	571610	27.845	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	1303701	31.238	ng/ul	-0.02
49) Acenaphthylene-d8	14.110	160	1489598	31.791	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.622	143	253301	31.902	ng/ul	0.00
60) Fluorene-d10	15.434	176	1122720	31.998	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.546	200	186045	28.220	ng/ul	-0.01
73) Anthracene-d10	17.328	188	1788278	31.436	ng/ul	-0.01
81) Pyrene-d10	19.698	212	2286960	32.604	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.851	264	2582254	34.107	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	93658	13.450	ng/uL	97
5) Pyridine	3.705	79	634856	33.523	ng/ul	98
6) Benzaldehyde	6.922	77	461249	38.845	ng/ul	98
8) Phenol	6.975	94	841190	34.751	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.199	93	651546	34.628	ng/ul	99
12) 2-Chlorophenol	7.346	128	569967	36.232	ng/ul	98
13) 2-Methylphenol	8.216	108	600410	34.383	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	631833	34.791	ng/ul	98
16) Acetophenone	8.593	105	1001911	34.838	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	456695	33.650	ng/ul	97
18) 4-Methylphenol	8.546	108	668281	34.956	ng/ul	99
19) Hexachloroethane	8.858	117	252530	35.902	ng/ul	96
22) Nitrobenzene	8.969	77	731365	37.182	ng/ul	98
23) Isophorone	9.499	82	1342072	34.001	ng/ul	99
25) 2-Nitrophenol	9.675	139	298019	37.565	ng/ul	97
26) 2,4-Dimethylphenol	9.740	107	670719	34.446	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.975	93	860706	34.770	ng/ul	98
29) 2,4-Dichlorophenol	10.210	162	520042	36.677	ng/ul	97
30) Naphthalene	10.616	128	1781846	36.058	ng/ul	100
32) 4-Chloroaniline	10.716	127	681724	32.894	ng/ul	99
33) Hexachlorobutadiene	10.905	225	337463	35.472	ng/ul	98
34) Caprolactam	11.499	113	220494	36.774	ng/ul	97
35) 4-Chloro-3-methylphenol	11.852	107	694423	37.003	ng/ul	99

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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.228	142	1189668	35.593	ng/ul	99
37) 1-Methylnaphthalene	12.446	142	1190928	35.424	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.599	216	628679	36.571	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	304760	30.896	ng/ul	99
41) 2,4,6-Trichlorophenol	12.846	196	418575	37.818	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	453167	37.918	ng/ul	98
43) 1,1'-Biphenyl	13.240	154	1542238	37.374	ng/ul	99
44) 2-Chloronaphthalene	13.281	162	1198579	37.045	ng/ul	99
45) 2-Nitroaniline	13.487	65	406057	40.061	ng/ul	97
47) Dimethylphthalate	13.875	163	1512008	36.182	ng/ul	99
48) 2,6-Dinitrotoluene	13.987	165	298753	38.764	ng/ul	97
50) Acenaphthylene	14.140	152	1886266	37.431	ng/ul	100
51) 3-Nitroaniline	14.316	138	319446	37.930	ng/ul	94
52) Acenaphthene	14.487	153	1338805	37.778	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	154088	33.396	ng/ul	95
55) 4-Nitrophenol	14.640	109	303266	41.714	ng/ul	92
56) Dibenzofuran	14.828	168	1825559	37.235	ng/ul	98
57) 2,4-Dinitrotoluene	14.787	165	451341	38.971	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.057	232	376131	36.529	ng/ul	93
59) Diethylphthalate	15.263	149	1549775	36.931	ng/ul	99
61) Fluorene	15.487	166	1467641	37.009	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.487	204	718024	36.034	ng/ul	99
63) 4-Nitroaniline	15.498	138	333865	41.017	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.563	198	251203	34.064	ng/ul	98
67) N-Nitrosodiphenylamine	15.704	169	1278226	36.250	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	466966	35.290	ng/ul	96
69) Hexachlorobenzene	16.522	284	544048	34.633	ng/ul	98
70) Atrazine	16.681	200	481577	36.004	ng/ul	99
71) Pentachlorophenol	16.875	266	344542	34.270	ng/ul	98
72) Phenanthrene	17.269	178	2435370	37.008	ng/ul	99
74) Anthracene	17.369	178	2413384	36.200	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	624226	35.028	ng/uL	97
76) Pentachlorobenzene	14.746	250	623466	33.754	ng/uL	98
77) Carbazole	17.645	167	2364139	39.428	ng/ul	100
78) Di-n-butylphthalate	18.245	149	2749812	37.676	ng/ul	100
80) Fluoranthene	19.357	202	3033155	37.056	ng/ul	99
82) Pyrene	19.733	202	3251515	37.507	ng/ul	100
83) Butylbenzylphthalate	20.681	149	1331121	37.502	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.580	252	928099	30.013	ng/ul	99
85) Benzo(a)anthracene	21.663	228	3340731	38.273	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.604	149	1890553	36.087	ng/ul	99
87) Chrysene	21.733	228	3092115	37.641	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	3326298	37.011	ng/ul	100
90) Benzo(b)fluoranthene	24.004	252	3467998	39.036	ng/ul	98
91) Benzo(k)fluoranthene	24.080	252	3378316	38.843	ng/ul	98
93) Benzo(a)pyrene	24.921	252	3190805	38.984	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.945	276	4080579m	38.666	ng/ul	
95) Dibenzo(a,h)anthracene	29.033	278	3303626	38.956	ng/ul	100
96) Benzo(g,h,i)perylene	30.133	276	3229837	39.610	ng/ul	99

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

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