Quantitation Report (Qedit)

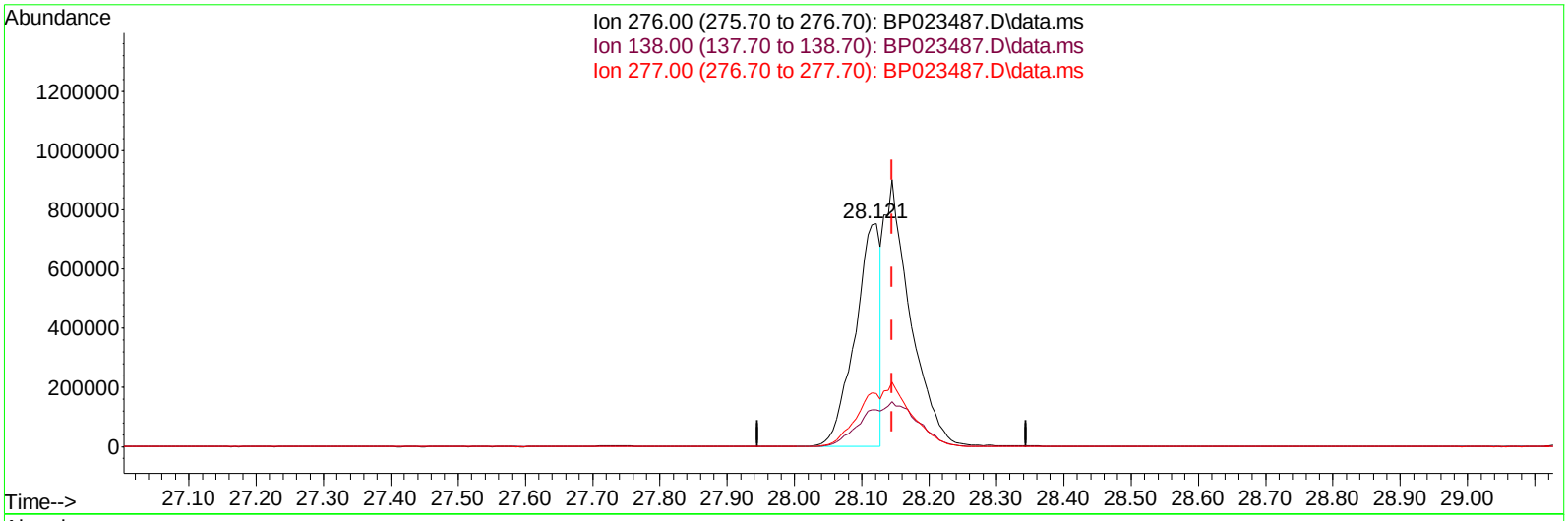
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023487.D
Acq On : 18 Dec 2024 05:41
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 62 Sample Multiplier: 1

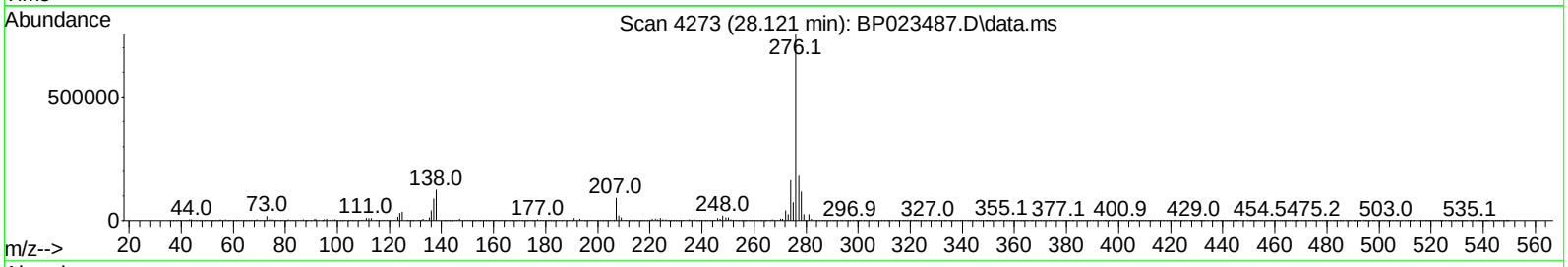
Quant Time: Dec 18 07:45:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

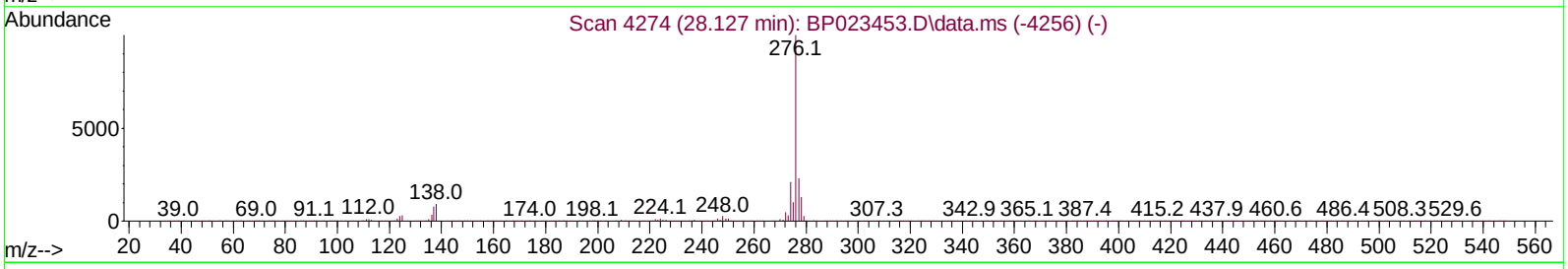
Instrument :
BNA_P
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024







TIC: BP023487.D\data.ms

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

28.121min (-0.024) 14.33 ng/ul

response 1963268

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	16.53#
277.00	24.80	23.92
0.00	0.00	0.00

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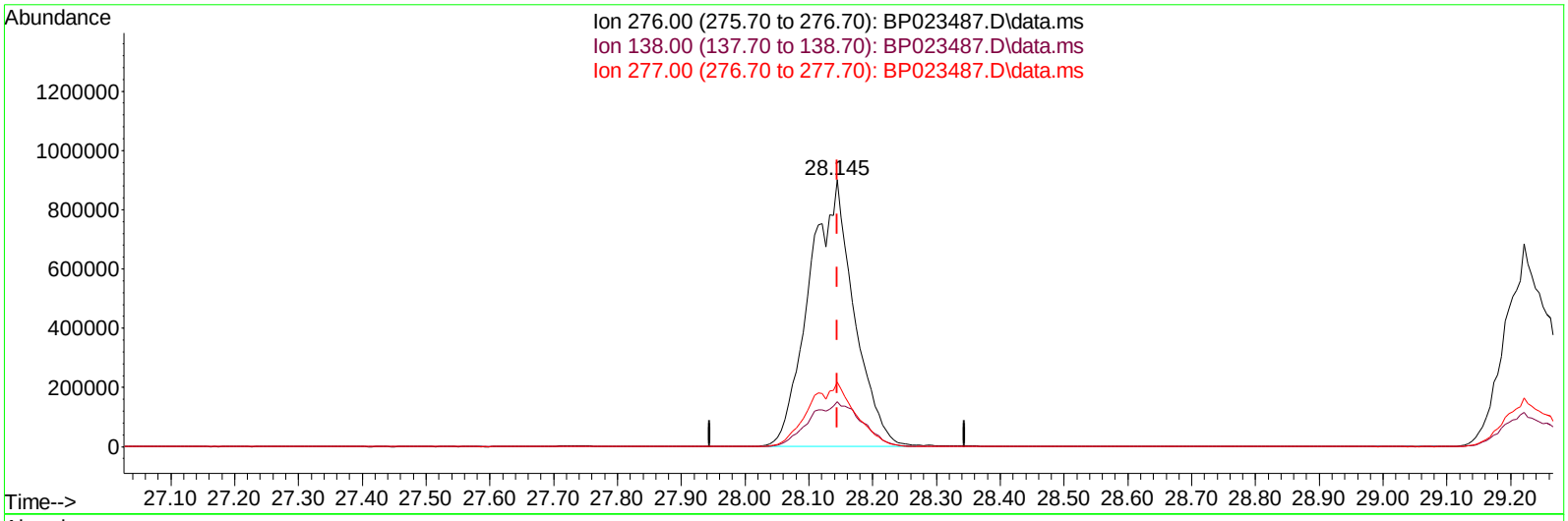

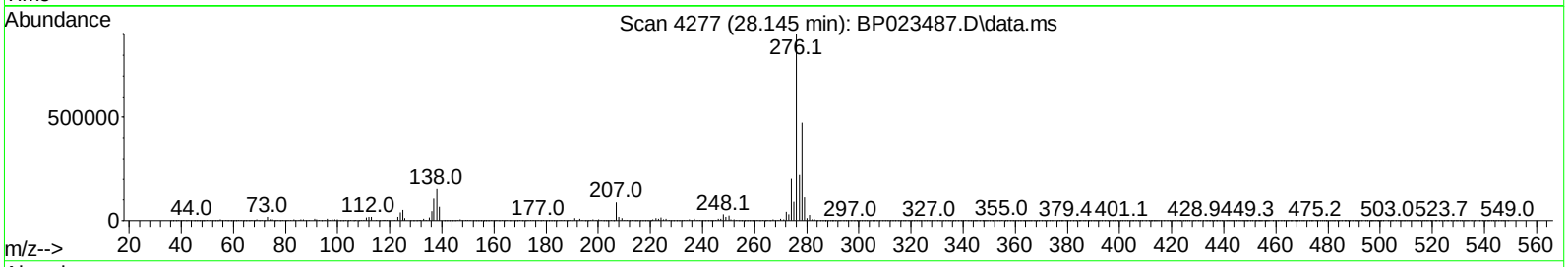

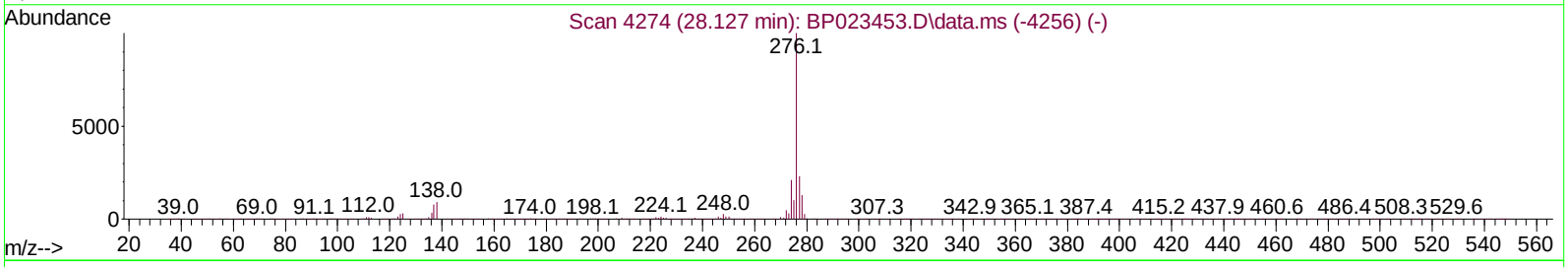

TIC: BP023487.D\data.ms

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

28.145min (-0.000) 32.09 ng/ul m

response 4396271

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	16.94#
277.00	24.80	24.30
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	7.528	152	285802	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.269	136	1052583	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.134	164	746450	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.945	188	1634240	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.380	240	1733237	20.000	ng/ul	# 0.00
88) Perylene-d12	24.539	264	1871513	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	36297	4.676	ng/uL	-0.01
4) Pyridine-d5	3.505	84	503048	25.200	ng/ul	-0.01
7) Phenol-d5	6.740	99	699340	31.186	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	446230	31.540	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.081	132	493396	29.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.246	113	484035	26.744	ng/ul	-0.01
21) Nitrobenzene-d5	8.675	128	234264	29.804	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.381	143	274019	30.249	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.916	165	536854	28.079	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.428	131	505658	23.609	ng/ul	-0.01
46) Dimethylphthalate-d6	13.557	166	1552868	26.798	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	1655722	27.089	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	192868	27.161	ng/ul	0.00
60) Fluorene-d10	15.151	176	1216784	23.873	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	210016	21.264	ng/ul	0.00
73) Anthracene-d10	17.051	188	1917852	25.714	ng/ul	0.00
81) Pyrene-d10	19.439	212	2193166	24.219	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.321	264	1988263	19.846	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.128	88	91362	10.636	ng/uL	95
5) Pyridine	3.522	79	624165	30.610	ng/ul	89
6) Benzaldehyde	6.710	77	87797	6.848	ng/ul	96
8) Phenol	6.769	94	867134	37.143	ng/ul#	82
10) Bis(2-Chloroethyl)ether	6.969	93	648283	35.179	ng/ul	100
12) 2-Chlorophenol	7.110	128	565338	32.583	ng/ul	97
13) 2-Methylphenol	7.981	108	561627	32.438	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.034	45	767196	34.234	ng/ul	98
16) Acetophenone	8.346	105	894056	29.350	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.322	70	488399	29.425	ng/ul	93
18) 4-Methylphenol	8.310	108	598500	32.027	ng/ul	95
19) Hexachloroethane	8.575	117	247298	29.273	ng/ul	91
22) Nitrobenzene	8.716	77	746971	31.233	ng/ul	97
23) Isophorone	9.228	82	1363968	32.198	ng/ul	98
25) 2-Nitrophenol	9.410	139	317848	32.848	ng/ul#	85
26) 2,4-Dimethylphenol	9.481	107	664195	30.998	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.699	93	823014	34.388	ng/ul	99
29) 2,4-Dichlorophenol	9.946	162	580142	30.617	ng/ul	99
30) Naphthalene	10.322	128	1695868	30.776	ng/ul	100
32) 4-Chloroaniline	10.451	127	515001	24.797	ng/ul	96
33) Hexachlorobutadiene	10.587	225	434858	25.871	ng/ul	98
34) Caprolactam	11.240	113	184418	33.355	ng/ul	97
35) 4-Chloro-3-methylphenol	11.593	107	635666	30.895	ng/ul	93

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	1211974	29.660 ng/ul	97
37) 1-Methylnaphthalene	12.157	142	1193045	28.651 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.304	216	781346	28.684 ng/ul	98
40) Hexachlorocyclopentadiene	12.269	237	204850	15.652 ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	536367	33.273 ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	556425	32.307 ng/ul	99
43) 1,1'-Biphenyl	12.957	154	1629650	30.812 ng/ul	98
44) 2-Chloronaphthalene	12.998	162	1331514	31.124 ng/ul	97
45) 2-Nitroaniline	13.240	65	432752	34.914 ng/ul	93
47) Dimethylphthalate	13.604	163	1692677	29.654 ng/ul	99
48) 2,6-Dinitrotoluene	13.728	165	361520	33.054 ng/ul	88
50) Acenaphthylene	13.857	152	1960578	31.498 ng/ul	100
51) 3-Nitroaniline	14.075	138	310503	33.873 ng/ul	97
52) Acenaphthene	14.210	153	1415756	31.119 ng/ul	97
53) 2,4-Dinitrophenol	14.316	184	172112	24.402 ng/ul	92
55) 4-Nitrophenol	14.428	109	287784	30.082 ng/ul#	73
56) Dibenzofuran	14.551	168	2034337	29.444 ng/ul	95
57) 2,4-Dinitrotoluene	14.551	165	532040	30.187 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.787	232	474072	27.726 ng/ul	99
59) Diethylphthalate	14.992	149	1672612	29.381 ng/ul	99
61) Fluorene	15.210	166	1651876	29.363 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.204	204	880618	26.988 ng/ul	98
63) 4-Nitroaniline	15.263	138	331849	41.159 ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.334	198	296664	28.314 ng/ul	98
67) N-Nitrosodiphenylamine	15.434	169	1390359	33.315 ng/ul	100
68) 4-Bromophenyl-phenylether	16.122	248	577176	29.918 ng/ul	98
69) Hexachlorobenzene	16.239	284	636888	26.947 ng/ul	98
70) Atrazine	16.422	200	596326	32.838 ng/ul	98
71) Pentachlorophenol	16.604	266	418928	30.367 ng/ul	96
72) Phenanthrene	16.992	178	2859012	33.839 ng/ul	99
74) Anthracene	17.092	178	2786056	32.979 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	779636	33.096 ng/uL	98
76) Pentachlorobenzene	14.469	250	753446	29.018 ng/uL	100
77) Carbazole	17.381	167	2549617	37.044 ng/ul	99
78) Di-n-butylphthalate	17.945	149	2963383	35.041 ng/ul	99
80) Fluoranthene	19.086	202	3733963	35.985 ng/ul#	94
82) Pyrene	19.463	202	3854029	35.002 ng/ul#	92
83) Butylbenzylphthalate	20.422	149	1474112	38.654 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.286	252	763056	19.186 ng/ul#	99
85) Benzo(a)anthracene	21.363	228	3787295	32.585 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	2073472	37.861 ng/ul	99
87) Chrysene	21.421	228	3552850	31.898 ng/ul	100
89) Di-n-octyl phthalate	22.480	149	3614663	39.546 ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	3835908	32.622 ng/ul#	98
91) Benzo(k)fluoranthene	23.604	252	3685637	31.503 ng/ul#	98
93) Benzo(a)pyrene	24.392	252	3399277	31.884 ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.145	276	4396271m	32.088 ng/ul	
95) Dibenzo(a,h)anthracene	28.174	278	3451983	31.483 ng/ul#	96
96) Benzo(g,h,i)perylene	29.221	276	3343819	31.877 ng/ul#	94

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

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