Quantitation Report (Qedit)

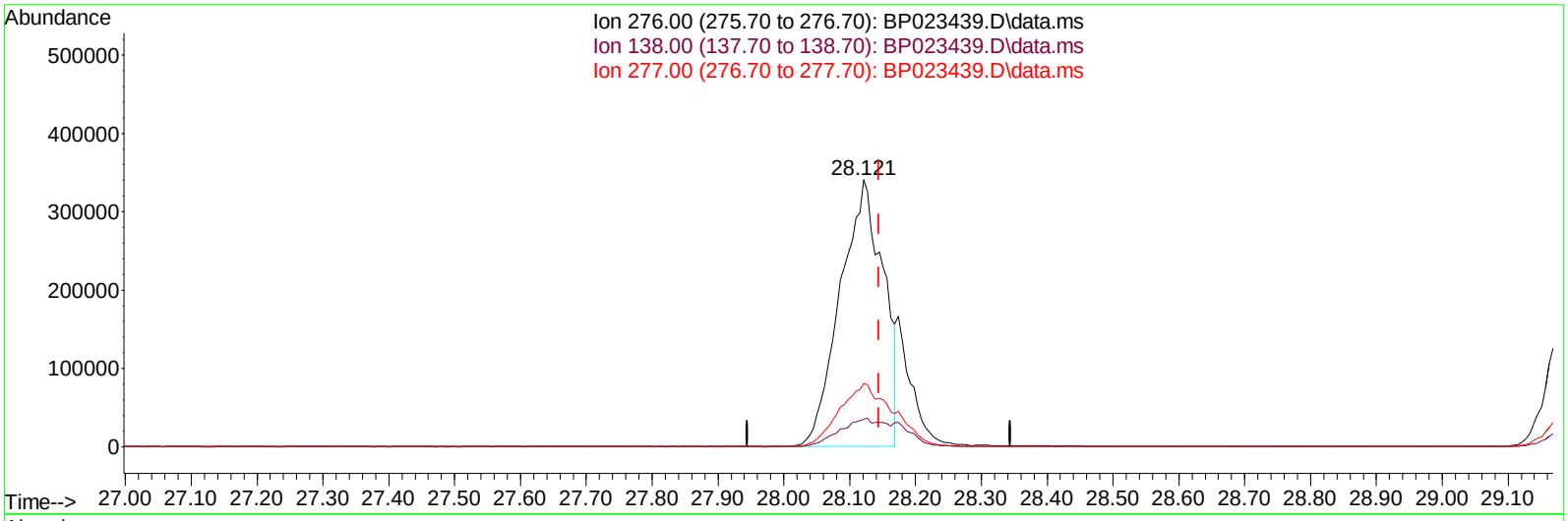
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023439.D
Acq On : 16 Dec 2024 18:29
Operator : RC/JU
Sample : PB165644BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

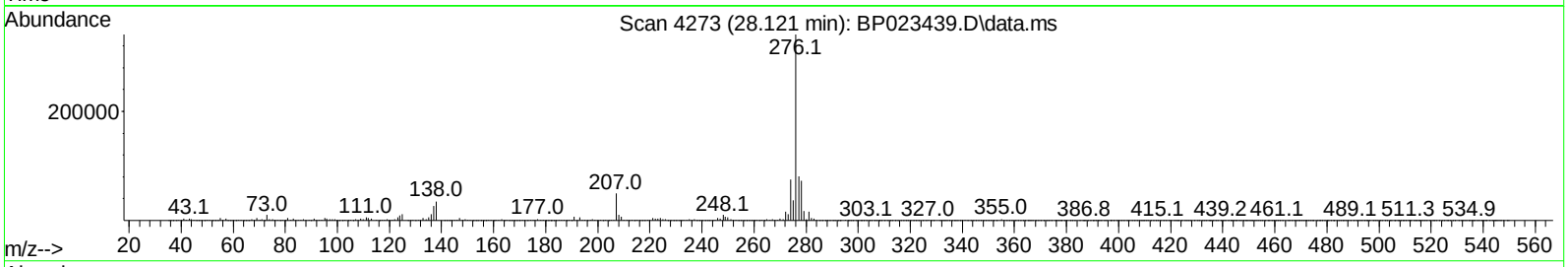
Quant Time: Dec 17 00:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

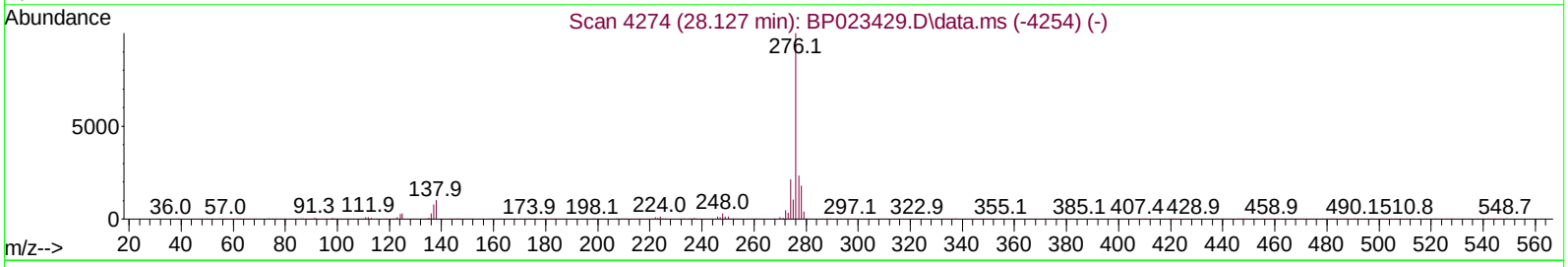
Instrument :
BNA_P
ClientSampleId :
SLCS644

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024







TIC: BP023439.D\data.ms

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

28.121min (-0.024) 25.06 ng/ul

response 1549274

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	10.32
277.00	24.80	23.65
0.00	0.00	0.00

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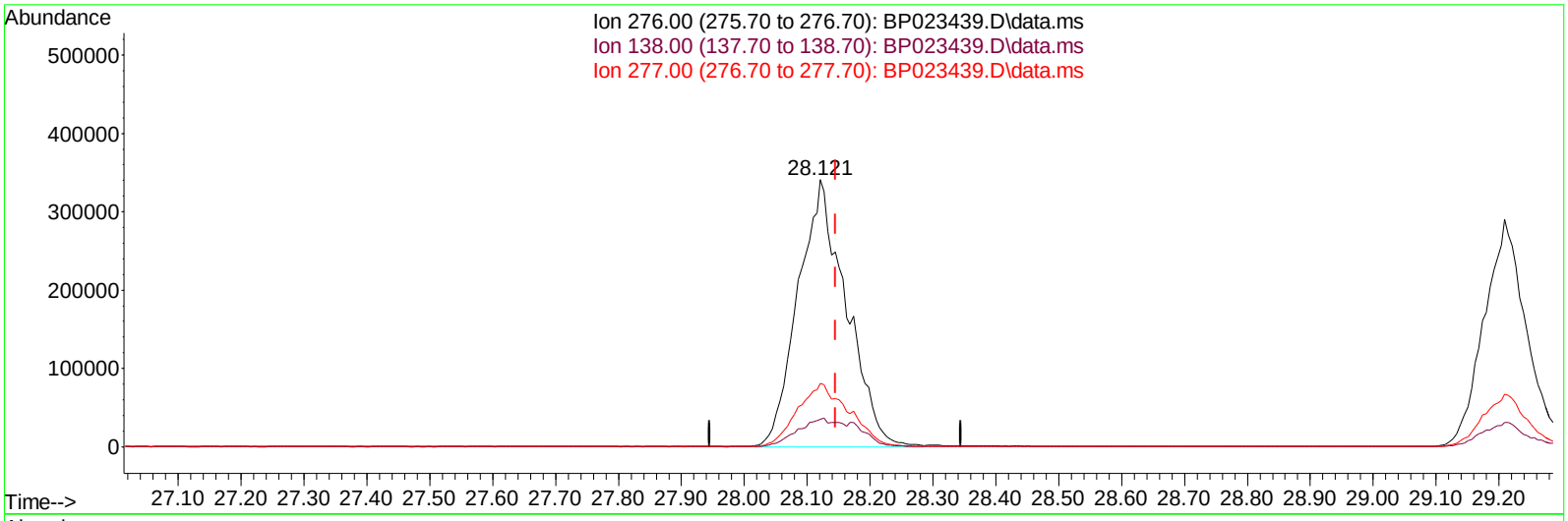

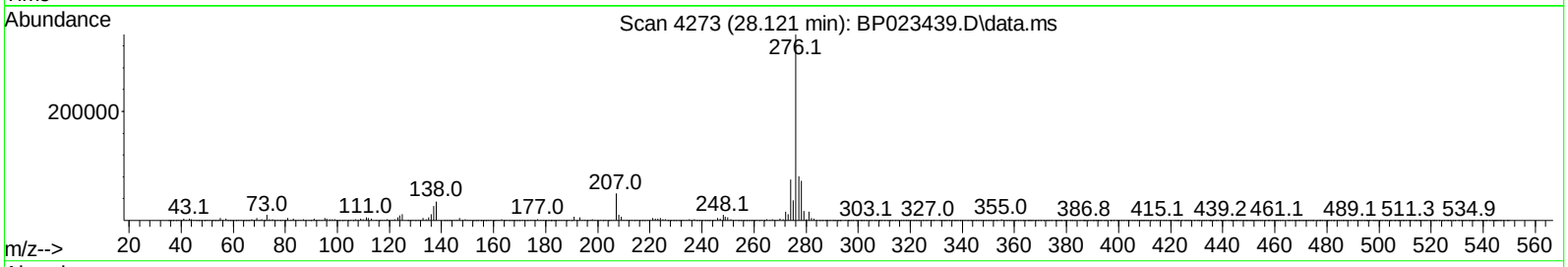

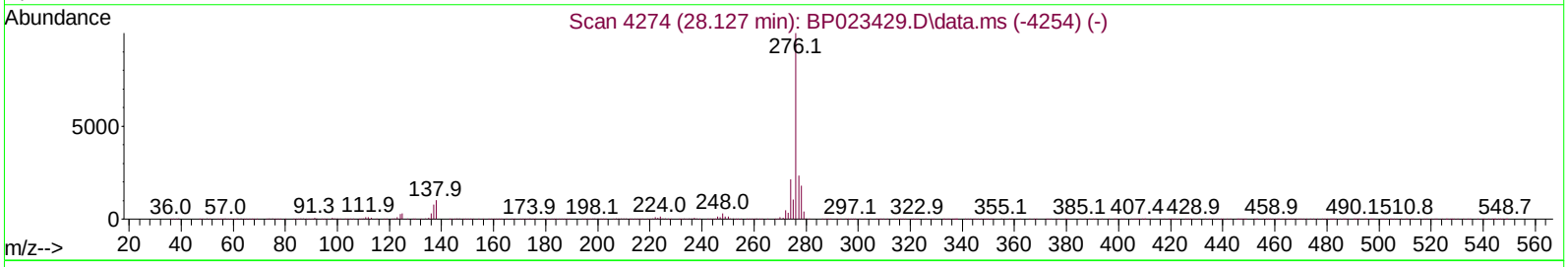

TIC: BP023439.D\data.ms

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

28.121min (-0.024) 29.27 ng/ul m

response 1809365

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	10.32
277.00	24.80	23.65
0.00	0.00	0.00

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Sample : PB165644BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 17 00:04:32 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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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	7.534	152	118793	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	424988	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.140	164	316104	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	735405	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	767047	20.000	ng/ul	0.00
88) Perylene-d12	24.539	264	844461	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	14393	4.461	ng/uL	0.00
4) Pyridine-d5	3.523	84	217860	26.257	ng/ul	0.00
7) Phenol-d5	6.752	99	283134	30.377	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	163355	27.779	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	208574	30.319	ng/ul	0.00
15) 4-Methylphenol-d8	8.258	113	214638	28.532	ng/ul	0.00
21) Nitrobenzene-d5	8.681	128	96187	30.309	ng/ul	0.00
24) 2-Nitrophenol-d4	9.387	143	111858	30.583	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	233419	30.238	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	223303	25.822	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	705139	28.735	ng/ul	0.00
49) Acenaphthylene-d8	13.834	160	744345	28.758	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	86006	28.601	ng/ul	0.01
60) Fluorene-d10	15.157	176	592683	27.459	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	127889	28.775	ng/ul	0.00
73) Anthracene-d10	17.051	188	992725	29.578	ng/ul	0.00
81) Pyrene-d10	19.439	212	1186403	29.605	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	1257653	27.821	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	30587	8.567	ng/uL	97
5) Pyridine	3.540	79	220481	26.014	ng/ul	93
6) Benzaldehyde	6.716	77	26221	4.921	ng/ul	98
8) Phenol	6.775	94	302457	31.170	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.975	93	217459	28.390	ng/ul	97
12) 2-Chlorophenol	7.116	128	219754	30.471	ng/ul	98
13) 2-Methylphenol	7.993	108	212733	29.561	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.040	45	256275	27.513	ng/ul	98
16) Acetophenone	8.352	105	332596	26.268	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.328	70	184576	26.754	ng/ul	95
18) 4-Methylphenol	8.316	108	227539	29.294	ng/ul	99
19) Hexachloroethane	8.581	117	90724	25.837	ng/ul	96
22) Nitrobenzene	8.722	77	278080	28.797	ng/ul	95
23) Isophorone	9.228	82	495064	28.945	ng/ul	99
25) 2-Nitrophenol	9.422	139	116482	29.814	ng/ul	87
26) 2,4-Dimethylphenol	9.487	107	258236	29.849	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.705	93	274759	28.433	ng/ul	99
29) 2,4-Dichlorophenol	9.952	162	229911	30.051	ng/ul	98
30) Naphthalene	10.322	128	619019	27.823	ng/ul	99
32) 4-Chloroaniline	10.457	127	147589	17.601	ng/ul	99
33) Hexachlorobutadiene	10.593	225	180008	26.524	ng/ul	99
34) Caprolactam	11.252	113	66553	29.813	ng/ul	94
35) 4-Chloro-3-methylphenol	11.604	107	249798	30.070	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.940	142	443533	26.883	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	444468	26.437	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.310	216	323377	28.034	ng/ul	96
40) Hexachlorocyclopentadiene	12.281	237	125941	22.723	ng/ul	97
41) 2,4,6-Trichlorophenol	12.575	196	215349	31.546	ng/ul	99
42) 2,4,5-Trichlorophenol	12.663	196	236983	32.492	ng/ul	98
43) 1,1'-Biphenyl	12.963	154	674066	30.096	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	544914	30.078	ng/ul	97
45) 2-Nitroaniline	13.240	65	170431	32.470	ng/ul	93
47) Dimethylphthalate	13.610	163	695096	28.756	ng/ul	99
48) 2,6-Dinitrotoluene	13.734	165	141954	30.648	ng/ul	92
50) Acenaphthylene	13.863	152	761225	28.879	ng/ul	100
51) 3-Nitroaniline	14.081	138	120018	30.917	ng/ul	99
52) Acenaphthene	14.210	153	543190	28.194	ng/ul	98
53) 2,4-Dinitrophenol	14.322	184	79446	26.599	ng/ul	92
55) 4-Nitrophenol	14.440	109	124261	30.673	ng/ul	94
56) Dibenzofuran	14.551	168	808185	27.622	ng/ul	99
57) 2,4-Dinitrotoluene	14.545	165	215927	28.931	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.798	232	207000	28.588	ng/ul	95
59) Diethylphthalate	14.992	149	684611	28.398	ng/ul	98
61) Fluorene	15.210	166	671104	28.169	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.204	204	384622	27.835	ng/ul	99
63) 4-Nitroaniline	15.275	138	126456	37.037	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.334	198	135818	28.806	ng/ul	94
67) N-Nitrosodiphenylamine	15.434	169	564335	30.050	ng/ul	100
68) 4-Bromophenyl-phenylether	16.122	248	256473	29.543	ng/ul	97
69) Hexachlorobenzene	16.234	284	309574	29.107	ng/ul	95
70) Atrazine	16.422	200	246616	30.179	ng/ul	98
71) Pentachlorophenol	16.604	266	182948	29.470	ng/ul	99
72) Phenanthrene	16.992	178	1108750	29.163	ng/ul	99
74) Anthracene	17.092	178	1145506	30.133	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.934	216	342520	32.312	ng/uL	99
76) Pentachlorobenzene	14.475	250	345683	29.585	ng/uL	99
77) Carbazole	17.386	167	977249	31.553	ng/ul	99
78) Di-n-butylphthalate	17.951	149	1201801	31.580	ng/ul	99
80) Fluoranthene	19.092	202	1417145	30.861	ng/ul	100
82) Pyrene	19.469	202	1492840	30.636	ng/ul	99
83) Butylbenzylphthalate	20.416	149	535633	31.737	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.286	252	499297	28.368	ng/ul	100
85) Benzo(a)anthracene	21.357	228	1442030	28.035	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	740728	30.563	ng/ul#	98
87) Chrysene	21.427	228	1299830	26.370	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	1268168	30.749	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	1420511	26.774	ng/ul	99
91) Benzo(k)fluoranthene	23.604	252	1450517	27.477	ng/ul	100
93) Benzo(a)pyrene	24.386	252	1362915	28.332	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.121	276	1809365m	29.268	ng/ul	
95) Dibenzo(a,h)anthracene	28.174	278	1471439	29.742	ng/ul	99
96) Benzo(g,h,i)perylene	29.209	276	1371775	28.982	ng/ul	99

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

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