Quantitation Report (Qedit)

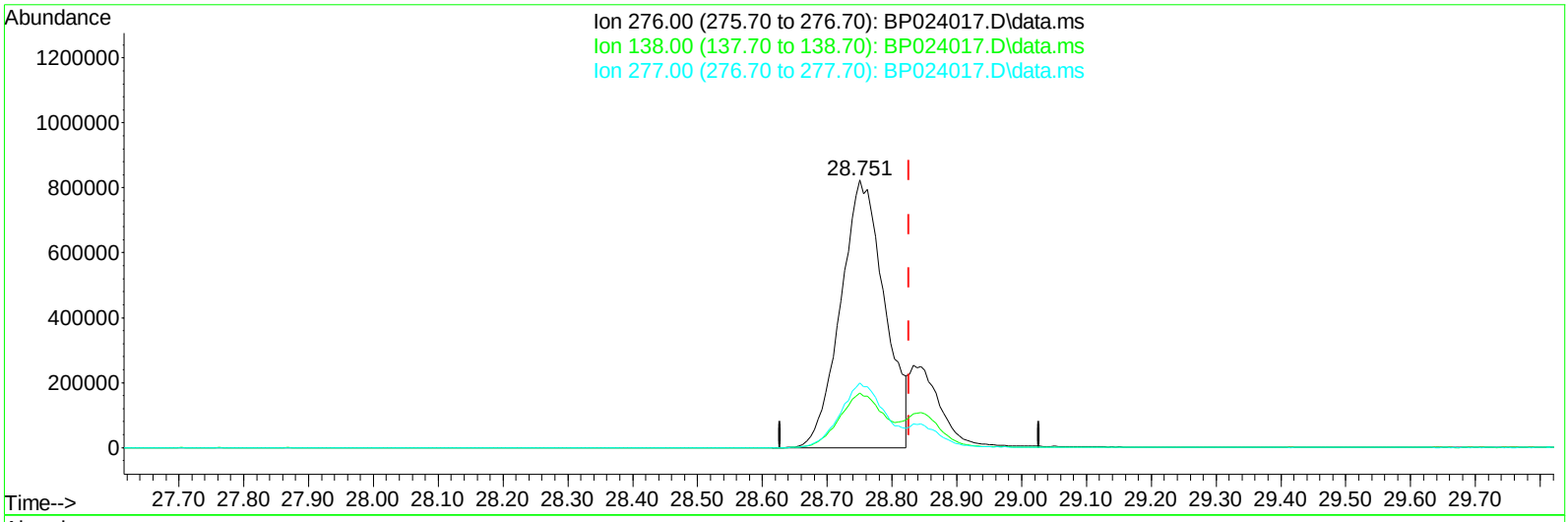
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024017.D
Acq On : 10 Feb 2025 17:53
Operator : RC/JU
Sample : PB166629BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

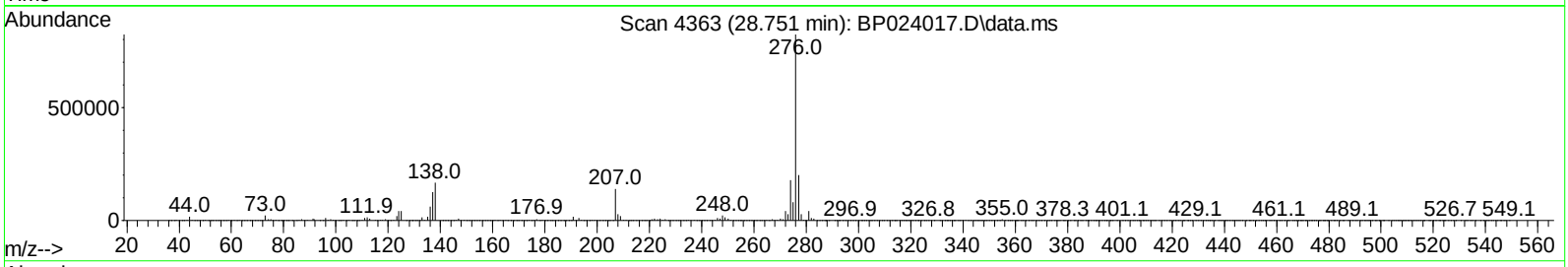
Quant Time: Feb 12 14:48:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

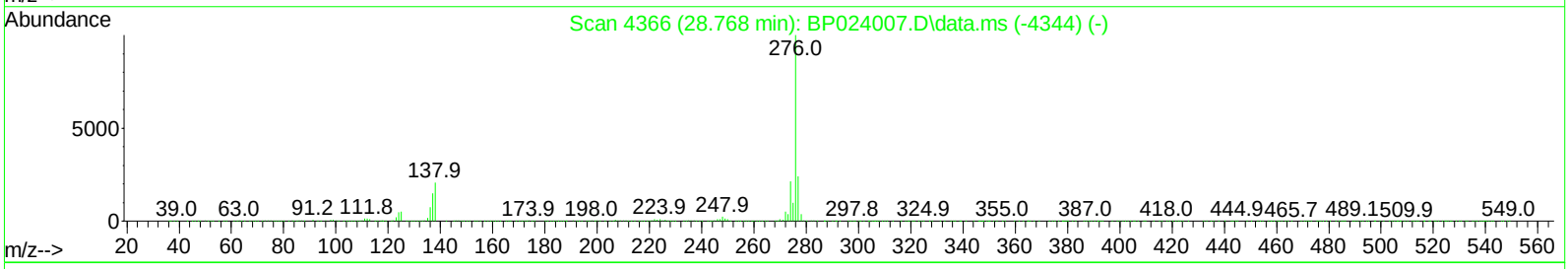
Instrument :
BNA_P
ClientSampleId :
SLCS629

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025







TIC: BP024017.D\data.ms

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

28.751min (-0.076) 25.40 ng/ul

response 3874116

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.31
277.00	23.70	24.30
0.00	0.00	0.00

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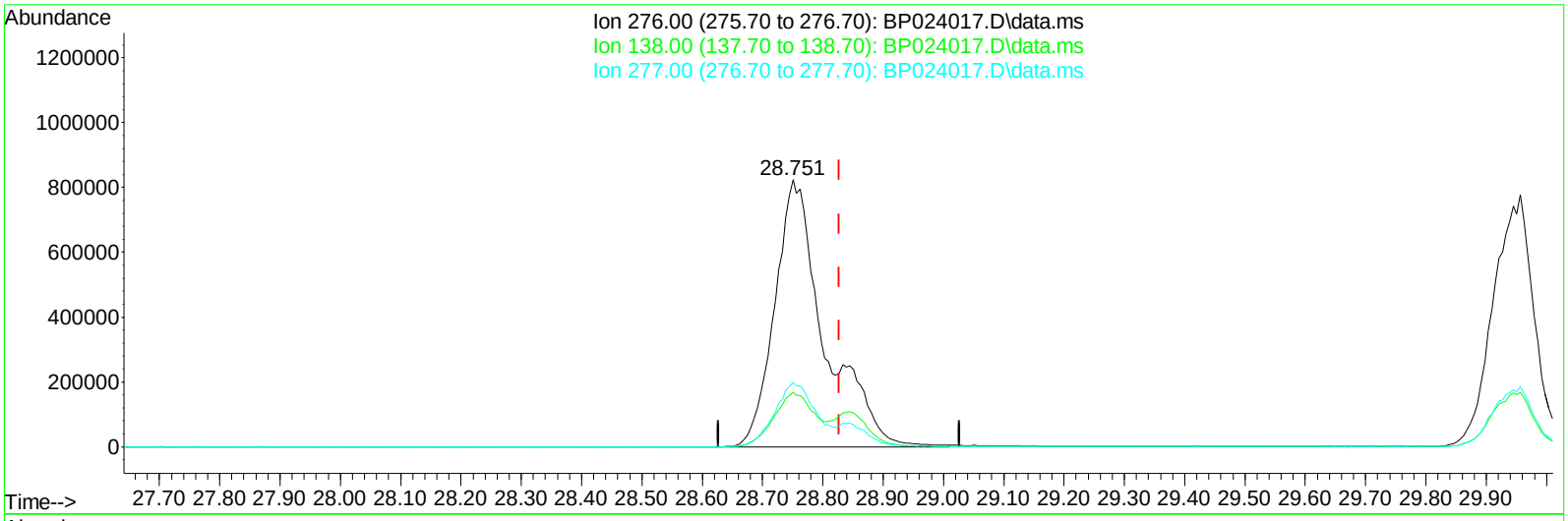

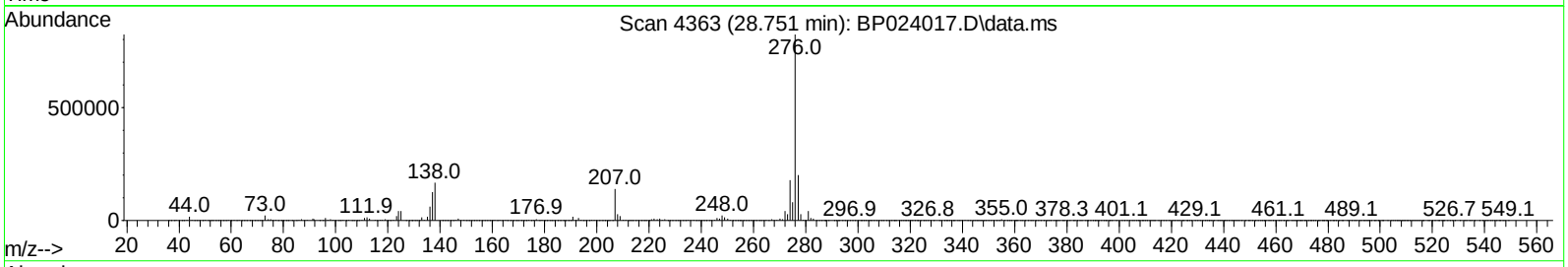

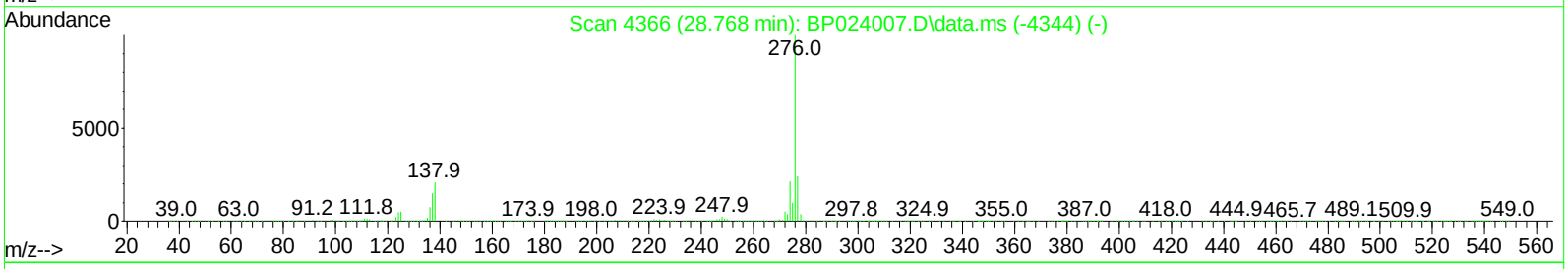

TIC: BP024017.D\data.ms

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

28.751min (-0.076) 31.00 ng/ul m

response 4728802

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.31
277.00	23.70	24.30
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	405537	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.540	136	1716755	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	1079383	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.169	188	2106910	20.000	ng/ul	-0.02
79) Chrysene-d12	21.610	240	2204712	20.000	ng/ul	-0.03
88) Perylene-d12	24.968	264	2076691	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	63393	6.495	ng/uL	0.00
4) Pyridine-d5	3.699	84	921370	32.714	ng/ul	0.00
7) Phenol-d5	6.952	99	1172982	32.684	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	613381	32.289	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	935075	33.179	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	910466	31.056	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	430108	31.314	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	450810	30.418	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	872264	32.082	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	1001085	24.621	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	2438711	30.290	ng/ul	-0.01
49) Acenaphthylene-d8	14.069	160	2864671	31.547	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.598	143	475284	29.725	ng/ul	-0.01
60) Fluorene-d10	15.381	176	2136210	31.507	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	373596	28.743	ng/ul	0.00
73) Anthracene-d10	17.269	188	3399340	32.860	ng/ul	-0.02
81) Pyrene-d10	19.645	212	3864313	32.712	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.727	264	3705642	34.200	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	128412	12.510	ng/uL	98
5) Pyridine	3.717	79	921447	32.679	ng/ul	100
6) Benzaldehyde	6.916	77	156495	8.885	ng/ul	97
8) Phenol	6.975	94	1219857	33.102	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.193	93	878071	31.301	ng/ul	99
12) 2-Chlorophenol	7.340	128	966075	33.273	ng/ul	98
13) 2-Methylphenol	8.210	108	867784	31.296	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	916157	31.656	ng/ul	99
16) Acetophenone	8.575	105	1398752	31.210	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.563	70	659790	31.263	ng/ul	98
18) 4-Methylphenol	8.534	108	978049	31.792	ng/ul	100
19) Hexachloroethane	8.834	117	363888	31.696	ng/ul	96
22) Nitrobenzene	8.952	77	987945	33.144	ng/ul	97
23) Isophorone	9.475	82	1806588	30.018	ng/ul	98
25) 2-Nitrophenol	9.652	139	494051	30.562	ng/ul	96
26) 2,4-Dimethylphenol	9.722	107	840309	28.085	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.946	93	1149528	30.663	ng/ul	99
29) 2,4-Dichlorophenol	10.193	162	874895	31.732	ng/ul	98
30) Naphthalene	10.587	128	2895475	31.509	ng/ul	100
32) 4-Chloroaniline	10.693	127	680525	17.735	ng/ul	99
33) Hexachlorobutadiene	10.869	225	503033	30.137	ng/ul	99
34) Caprolactam	11.469	113	271967	25.461	ng/ul	95
35) 4-Chloro-3-methylphenol	11.828	107	915811	30.900	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.187	142	1956476	30.280	ng/ul	100
37)	1-Methylnaphthalene	12.410	142	1940634	30.276	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.557	216	1007356	31.569	ng/ul	99
40)	Hexachlorocyclopentadiene	12.540	237	391664	21.782	ng/ul	99
41)	2,4,6-Trichlorophenol	12.804	196	629802	29.548	ng/ul	99
42)	2,4,5-Trichlorophenol	12.881	196	701164	30.520	ng/ul	100
43)	1,1'-Biphenyl	13.204	154	2565316	32.018	ng/ul	100
44)	2-Chloronaphthalene	13.246	162	1983753	31.776	ng/ul	99
45)	2-Nitroaniline	13.445	65	552751	34.019	ng/ul	90
47)	Dimethylphthalate	13.834	163	2435454	30.403	ng/ul	100
48)	2,6-Dinitrotoluene	13.945	165	478613	30.572	ng/ul	94
50)	Acenaphthylene	14.098	152	3113472	32.196	ng/ul	100
51)	3-Nitroaniline	14.281	138	527021	30.632	ng/ul	98
52)	Acenaphthene	14.440	153	2196211	32.032	ng/ul	99
53)	2,4-Dinitrophenol	14.487	184	219871	23.558	ng/ul	98
55)	4-Nitrophenol	14.610	109	374753	33.129	ng/ul	93
56)	Dibenzofuran	14.781	168	2988414	31.456	ng/ul	99
57)	2,4-Dinitrotoluene	14.740	165	739878	31.774	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.016	232	553254	28.300	ng/ul	92
59)	Diethylphthalate	15.210	149	2416019	30.103	ng/ul	100
61)	Fluorene	15.434	166	2568021	32.584	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.434	204	1240753	31.803	ng/ul	99
63)	4-Nitroaniline	15.457	138	621934	37.155	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.522	198	414638	29.015	ng/ul	97
67)	N-Nitrosodiphenylamine	15.651	169	2093547	32.558	ng/ul	100
68)	4-Bromophenyl-phenylether	16.345	248	723979	30.457	ng/ul	98
69)	Hexachlorobenzene	16.463	284	860503	29.877	ng/ul	97
70)	Atrazine	16.622	200	278465	11.183	ng/ul	98
71)	Pentachlorophenol	16.816	266	467868	26.410	ng/ul	99
72)	Phenanthrene	17.216	178	3927598	33.010	ng/ul	99
74)	Anthracene	17.304	178	3964674	33.042	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.169	216	958686	31.073	ng/uL	100
76)	Pentachlorobenzene	14.698	250	973488	29.279	ng/uL	100
77)	Carbazole	17.586	167	3658214	34.800	ng/ul	99
78)	Di-n-butylphthalate	18.181	149	4263497	32.769	ng/ul	100
80)	Fluoranthene	19.298	202	4515795	33.187	ng/ul	99
82)	Pyrene	19.675	202	4897119	34.415	ng/ul	100
83)	Butylbenzylphthalate	20.627	149	1918427	31.307	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.522	252	1272752	26.682	ng/ul	99
85)	Benzo(a)anthracene	21.592	228	4627603	31.920	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.533	149	2854627	31.928	ng/ul	99
87)	Chrysene	21.663	228	4304623	32.224	ng/ul	99
89)	Di-n-octyl phthalate	22.816	149	4338294	34.849	ng/ul	100
90)	Benzo(b)fluoranthene	23.904	252	4316511	34.256	ng/ul	99
91)	Benzo(k)fluoranthene	23.968	252	4412764	34.932	ng/ul	100
93)	Benzo(a)pyrene	24.792	252	3971564	33.750	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.751	276	4728802m	31.002	ng/ul	
95)	Dibenzo(a,h)anthracene	28.845	278	3782895	30.573	ng/ul	99
96)	Benzo(g,h,i)perylene	29.956	276	3654133	31.276	ng/ul	99

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

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